

**NORTHERN POWER DISTRIBUTION COMPANY
OF TELANGANA LIMITED**

(Distribution & Retail Supply Licensee)



**Filing of Aggregate Revenue Requirement (ARR) for
Retail Supply Business for the FY 2017-18**

November 2016

BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY REGULATORY COMMISSION

AT ITS OFFICE AT 5th Floor, SingareniBhavan, Red Hills, Hyderabad - 500 004

FILING NO. _____/2016

CASE NO. _____/2016

In the matter of:

Filing of the ARR & Tariff applications for the Retail Supply Business for the year FY 2017-18 under Multi-Year Tariff principles in accordance with the erstwhile “Telangana State Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation, 2005” by the Northern Power Distribution Company of Telangana Limited (‘TSNPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee.

In the matter of:

NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

... Applicant

The Applicant respectfully submits as under: -

1. Consequent to the formation of Telangana State on 02-06-2014 as per the Andhra Pradesh Reorganisation Act, 2014, a separate Telangana Electricity Regulation Commission constituted on 03-11-2014. TSERC vide Telangana Official Gazette has issued its first regulation, Regulation No. 1 of 2014 on 10.12.2014 (Adoption of Previously Subsisting Regulations, Decisions, Directions or Orders, Licenses and Practice of Directions) wherein clause 2 states that:
2. “All regulations, decisions, directions or orders, all the licences and practice directions issued by the erstwhile Andhra Pradesh Electricity Regulatory Commission (Regulatory Commission for States of Andhra Pradesh and Telangana) as in existence as on the date of the constitution of the Telangana State Electricity Regulatory Commission and in force, shall

mutatis-mutandis apply in relation to the stakeholders in electricity in the State of Telangana including the Commission and shall continue to have effect until duly altered, repealed or amended, any of Regulation by the Commission with effect from the date of notification as per Notification issued by the Government of Telangana in G.O.Ms.No.3 Energy(Budget) Department, dt.26-07-2014 constituting the Commission.”

3. This filing is made by the **NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (TSNPDC)** under Section 61 of the Electricity Act 2003 for determination of the Aggregate Revenue Requirement (ARR) and Tariff for the Retail Supply Business for the year FY 2017-18.
4. The licensee has adopted the following methodology to arrive at the ARR for retail supply business.
 - **Distribution Cost:**The licensee has considered the figures as per the Distribution Tariff Order dated 27th March, 2015 issued by TSERC for the period from FY 2014-15 to FY 2018-19.
 - **Transmission Cost:** The licensee has considered the approved transmission cost as per the Transmission Tariff Order dated 9th May 2014.
 - **SLDC Cost:** The licensee has considered the approved figures as per the SLDC Annual Fee and Operating Charges order dated 9th May 2014.
 - **PGCIL and ULDC Costs:** PGCIL and ULDC costs have been projected for FY 2016-17 H2 and FY 2017-18 based on the H1 actuals of FY 2016-17.
 - **Distribution losses:**The Licensee has considered the Distribution Losses as approved by by TSERC for the period from FY 2014-15 to FY 2018-19 in its tariff Order dated 27th Mar, 2015.
 - **Transmission losses:** The licensee has considered the actual cumulative transmission loss of TS Transco incurred till the month of October 16 ie 3.38%.
 - **PGCIL Losses:**The external losses (PGCIL) are estimated to be at 3.44%.
5. As per the Government of Telangana vide G.O Ms. No, dt: 11.10.2016 and G.O Ms No.234 dt: 11.10.2016 has given final notification for formation/ reorganization of new districts, revenue divisions and mandals in Siddipet and Jangaon Districts respectively. In the said

GOs, 7 revenue Mandals from the jurisdiction of Karimnagar and Warangal were now re-organized to Siddipet District and one Mandal, Gundala of Nalgonda District were re-organized to Jangaon District. However the impact of sales re-allocation between the two licensees, - Northern Power Distribution Company of Telangana Limited (TSNPDCL) and Southern Power Distribution Company of Telangana Limited is expected to be minimal. Any inter-discom adjustment in sales if any would be done at the end of the financial year if required.

6. As per Regulation No. 4 of 2005, the licensee is required to file the Aggregate Revenue Requirement (ARR) for Retail Supply Business and Tariff proposal for the entire control period i.e., for the period FY 2014-15 to FY 2018-19. However, the licensee had requested the Hon'ble Commission to allow it to submit the ARR for Retail Supply Business for the FY 2017-18 on yearly basis, instead for the entire control period due to the reasons as mentioned below:

a. Significant uncertainty involved in projection of quantum of power to be purchased from various sources as well as in costs -

- **Projections of Generation Availability**

Projection of power to be purchased from TS Genco stations, CGS Stations & other stations would be difficult beyond one or two years. As seen in the past there have been deviations from the scheduled commissioning for both thermal and Hydro plants. Given the high quantum of power likely to be purchased from the plants likely to be commissioned till FY 2018-19, any deviations in the power procurement schedule from these plants will have a material impact on the power purchase costs if projections are to be done for the entire 3rd control period.

- **Projections of Power Purchase Costs**

The licensee would like to submit that it is facing challenges in projecting the power procurement cost for the entire 3rd control period as there has been a sharp increase in the Power procurement cost in the recent past due to the following reasons:

- ✓ Sharp fall observed in Energy dispatched from cheaper Hydel sources over the years. The hydro energy availability for FY 2016-17 is expected to be 1021 MU as

compared to the Tariff Order approved quantity of 3841 MU. It has been observed over the past few years that the actual availability from Hydel stations has been consistently lower than the value approved in the Tariff Orders issued by TSERC. This can be attributed to the multipurpose usage of Hydro projects where in Irrigation takes preference over power generation.

- ✓ The shortfall in energy from Hydel sources FY 2016-17 was met from relatively expensive sources like Bilateral purchases.

As can be seen from the points mentioned above, there is a scope of significant variation in the power purchase costs of the licensee, if the projections of power procurement are done for the entire control period.

b. Regulatory objectives of a Multi-year tariff regime not met

- **Mechanism of Incentivization**

One of the objectives of the multi-year tariff regime is to incentivize the performance of the licensee based on its achievement vis-à-vis the targets fixed by the regulator. In the current scenario, this concept is more relevant in distribution business as many of the ARR items in distribution business are deemed to be controllable and the licensee can take steps to achieve the targets fixed by the regulator thereby improving its operational performance. However in the retail supply business, the cost of power purchase is uncontrollable factor and hence not amenable to fixation of targets. Hence the regulatory objective of improving the performance of the licensee, intended to be achieved in a multi-year tariff regime is not met in case of retail supply business

- **Tariff Certainty**

The other key objective intended to be achieved through a multi-year tariff framework is to reduce the regulatory uncertainty for consumers stemming from methodology followed by the regulator in tariff setting. This objective is achieved in the distribution business through the wheeling tariffs set for the MYT control period which are based on the factors which are controllable by the licensee. However in

retail supply business, following are the key constraints in fixing a tariff for entire control period:

- ✓ As explained in point 1, there is high degree of uncertainty in power purchase costs and it has a significant impact on the 'Cost to serve' which forms the basis of fixation of retail tariffs.
- ✓ In addition to 'cost of service', the retail tariffs also depend on the level of subsidy support from Government of Telangana and cross subsidy levels across consumer categories. These factors are beyond the control of the licensee.

Hence the objective of providing tariff certainty to consumers, which is well established in distribution business in the form wheeling tariffs, is unlikely to be met in retail supply business due to the uncontrollable factors mentioned above.

- **Demand Side uncertainties -**

- ✓ The licensee has made best efforts in estimating to a good degree of accuracy, the quantum of load shedding done in the previous year for consumers category-wise and factoring the impact of the same in coming up with projections for the ensuing year. However any short-fall in the load relief estimates will have an adverse impact on the licensee if sales projections are done for the entire 3rd control period
- ✓ The policy of the Government of Telangana towards the agricultural supply hours and the likely date of commissioning of the Lift Irrigation Schemes (LI Schemes) are other parameters which would significantly alter the demand projections for the 3rd control period.
- ✓ It is also very difficult to predict with accuracy the levels of demand that will be there for power from different category of consumers especially Industrial and Commercial consumers. These are dependent on macroeconomic situations and are not easy to forecast over a 5 year period. Variations in this demand will alter sales mix and therefore make ARR substantially inaccurate if done over 5year period.

The Hon'ble Commission has been kind enough in granting permission to submit the ARR in respect of the Retail Supply Business for FY 2017-18 instead of total control period of FY 2014-15 to FY 2018-19 vide proceedings Lr. No.TSERC/Tariff/DD(T-Engg)/T-03/2015/D.No. 708/16 Dt. 19.11.2016.

7. The Petitioner (Distribution Licensee) submits that as per the APERC Regulation 1 of 2014, TS DISCOMS have to file for provisional true-up for the FY 2016-17 and final true-up for the FY 2015-16. However, the licensee would like to submit the following to the Hon'ble Commission for consideration.
 - a. Joining the UDAY scheme is under consideration by Government of Telangana (GoTS). The accumulated losses of the licensee as on 31st March 2015 is Rs 4,883crs. The licensee has taken loans to fund cash losses, and since 75% of the loans outstanding as on 30th September would be taken over GoTS, this would impact the loss position of the licensee and hence the true-up requirements. Hence filing of true-up subsequent to take-over of the debt of licensee would result in minimizing the financial burden on the consumers in the state.
 - b. The licensee would like to file for true-up for the previous years based on the take-over of debt by the since the actual loss position of the discom would be known based on the take over of discom debt. Hence the licensee prays that the Hon'ble Commission may allow the licensee to file the true-up for previous years separately.
 - c. In order to simplify the tariff structure/ reduce tariff categories of consumers, Government of India constituted a committee with Joint Secretary (Ministry of Power) as the Chairperson vide 23/32/2016- R & R dated 24/ 08/2016. The licensee is currently evaluating the options for rationalizing tariff and categories. As a careful study needs to be made to assess the impact of such an exercise on different consumer categories in the state of Telangana, the licensee prays that the Hon'ble Commission may allow the licensee to file for tariff proposals, cross subsidy surcharge and additional surcharge proposals separately.
 - d. In view of the above, the licensee prays that the Hon'ble Commission may allow the licensee to file for True-ups for previous years and tariff proposals separately. This will enable the licensee in minimizing the financial impact on the consumers and also would enable the licensees in proposing a rationalized tariff structure after due examination which reduces any un-due financial burden on any category of consumers.

8. **Other Key Measures:** Telangana Power Generation Corporation has initiated measures for reducing the cost of power generation. Some of the measures adopted are – re-negotiation of interest rate on loans for newly commissioned generating stations, minimizing grade slippage of coal which reduces the variable cost of generation.
9. In the following paragraphs, the licensee has provided a brief summary of its performance during FY 2015-16 as well as the expected performance for the current year i.e. FY 2016-17 against the tariff order and projections for FY 2017-18.

Summary of the Filing

Performance Analysis of the Licensee for the Previous Year FY 2015-16 and Current Year FY 2016-17

Performance Analysis: A brief analysis of the key elements of licensee’s business is as follows:

- **Sale of Energy and loss reduction:**

Particulars	2015-16 (Actuals)		2016-17 (Revised Estimate)	
	MU	%	MU	%
Metered Sales	6,893.73	51.95%	7,432.7	53.5%
LT Agricultural Sales	4,671.95	35.21%	4,942.4	35.6%
Total Sales	11,565.68	87.16%	12,375.1	89.1%
ADD: Distribution Losses (incl. EHT sales)	1,704.27	12.84%	1,518.0	10.9%
Energy required at Discom level	13,269.95	100.00%	13,893.1	100.0%
Distribution Losses (excl. EHT sales)	1,704.27	14.35%	1,518.0	12.30%

As can be seen from the table above, in 2015-16, the percentage of metered sales is 51.95 % as against 49.73% during 2014-15. The increase is mainly due to increase in domestic category sales by 372 MU which is 3.4% higher than the 2014-15 metered sales.

Licensee has fixed 3,168 meters for LV side of the Agricultural DTRs as per the ISI methodology approved by the Hon’ble Electricity Regulatory Commission. The Agricultural consumption is

being estimated as per ISI methodology from October 2013 onwards and same is being furnished to the Hon'ble Commission.

Further, the licensee is in the process of releasing around 42635 new agricultural connections during FY 2016-17. In view of this, the licensee requests the Hon'ble Commission to revisit the level of agricultural sales.

- **Revenue and net gap**

As mentioned in the earlier sections, the licensee prays that the Hon'ble Commission may give an opportunity to file the tariff proposals and true-ups separately. The net gap would also be stated during the aforesaid filing.

Estimates for the Ensuing Year (FY 2017-18)

The licensee has adopted a modified trend approach for projecting the category-wise sales for the ensuing year. As the name suggests, the licensee has considered the historical growth trend observed in the sales of categories and the same has been moderated based on the other relevant inputs such as underlying economic growth drivers, number of pending applications etc. The total sales forecast is as follows:

Sales/Forecast Sales (MU)	2016-17	2017-18
LT Category	9,207.57	9,869.65
LT-I(A&B): Domestic	3,070.00	3,343.33
LT-II(A,B&C): Non-domestic/Commercial	617.92	667.03
LT-III: Industry	245.62	248.08
LT-IV(A&B): Cottage Industries	6.48	6.65
LT-V(A,B&C): Agricultural	4,942.39	5,263.65
LT-VI(A&B): Street Lighting & PWS Schemes	281.44	292.03
LT-VII(A&B): General Purpose	43.72	48.89
LT-VIII: Temporary Supply	0.00	0.00
HT Category	3,167.51	3,996.01
HT Category at 11 kV	1,317.04	1,494.85
HT-I(A): Industry (General)	498.33	557.59
HT-I(B): Ferro Alloy Units	0.00	0.00
HT-II: Others	107.55	119.82
HT-III: Airports, Bus Stations and Railway Stations	8.02	8.60
HT-IV(A): Lift Irrigation & Agriculture	14.78	14.78
HT-IV(B): CPWS	22.75	81.26
HT-VI: Townships & Residential Colonies	12.80	13.06

Sales/Forecast Sales (MU)	2016-17	2017-18
HT Temporary Supply	0.00	0.00
Category RESCOs	652.80	699.74
HT Category at 33 kV	297.92	508.32
HT-I(A): Industry (General)	180.48	184.21
HT-I(B): Ferro Alloy Units	0.02	0.00
HT-II: Others	13.13	13.39
HT-III: Airports, Bus Stations and Railway Stations	0.00	0.00
HT-IV(A): Lift Irrigation & Agriculture	27.80	27.80
HT-IV(B): CPWS	31.23	236.12
HT-VI: Townships & Residential Colonies	45.26	46.79
HT Temporary Supply	0.00	0.00
HT Category at 132 kV	1,552.55	1,992.84
HT-I(A): Industry (General)	684.89	694.65
HT-I(B): Ferro Alloy Units	0.00	0.00
HT-II: Others	6.12	3.38
HT-III: Airports, Bus Stations and Railway Stations	0.00	0.00
HT-IV(A): Lift Irrigation & Agriculture	339.94	767.71
HT-IV(B): CPWS	0.00	0.00
HT-V: Railway Traction	421.74	422.91
HT-VI: Townships & Residential Colonies	99.86	104.19
HT Temporary Supply	0.00	0.00
Total	12,375.08	13,865.66

Key Demand Drivers for FY 2017-18: Some of the key drivers for the increase in the demand of the licensee has been highlighted below:

- Water Grid: The licensee expects a load of 85.37 MW in its area.
- The licensee has started supply of 9 hours of supply to agricultural consumers from April this year. The licensee intends to continue with supply of 9 hours supply to agricultural consumers in the ensuing year as well.
- Lift Irrigation (LI) Schemes: Based on the data provided by Irrigation Department, the licensee expects the following LI schemes in its area in FY 2017-18. A total of 427.77 MU has been considered for FY 2017-18.

LIS addition in NPDCL (FY 2017-18)				
SN	LI Schemes	MVA	MU	CoD
1	SripadaSagar LIS	135	194	Jul-17
2	Bhakta Ramadasu LIS	22	32	Jul-17

LIS addition in NPDCL (FY 2017-18)				
SN	LI Schemes	MVA	MU	CoD
3	Devadula LIS	66	96	Jul-17
4	Thotapally reservoir to Gouravelly reservoir	45	65	Jul-17
5	LI Scheme at Jogapur	14	21	Jul-17
6	LI Scheme at Chanaka Koratala	14	21	Jul-17
	Total	297.1	427.8	

Power Purchase Requirement for FY 2017-18:

The following are the key points considered by the licensee with regard to power purchase requirement by the licensee –

- Average PLF of 80% from TSGENCO & APGENCO (thermal) considered
- New sources of energy considered
 - Kudigi- Unit 2 - 75Aug 2017, Unit 3 –84 MW from Jan 2018
 - The licensee has entered PPA with Chattisgarh State Power Distribution Company Limited (CSPDCL) for purchase of power on long-term basis for a period of 12 years. The licensee has submitted the PPA to the Hon'ble Commission for approval. The licensee has considered an availability of 6,482 MU.
- Allocation Principles
 - NCE – As per Geographical location
 - All other sources – 53.89% as per GO Ms. No. 20 of 2014
- The licensee has not projected any availability from new gas based IPPs in the absence of any proposal of supply of power to stranded gas based plants.

The overall energy scenario at the State level in FY 2017-18 is given below

Particulars	FY 2017-18
Energy Requirement (MU)	54,756
Energy Availability from Long term & Medium Term sources (MU)	66,076
Surplus	11,320

Power Purchase Cost Estimate for the state of Telangana for FY 2017-18

- Variable costs for TSGENCO & APGENCO – Thermal and CGS – These costs are considered as given by the generator or capped at 2 % escalation on H1 actuals in 2016-17.
- Fixed costs for existing stations have been considered as projected for the respective generating station
- As per the tariff order of Hon'ble Chattisgarh State Electricity Regulatory Commission, a provisional tariff of Rs 3.90/kWh was permitted. The licensee has considered the same for projecting the cost of power from Chhattisgarh subject to the approval from Hon'ble TSERC.
- The average PP cost at state level is projected to be at Rs. 4.46/unit for FY 2017-18

Aggregate Revenue Requirement (ARR)

The estimated Aggregate Revenue Requirement (ARR) for the licensee for the current year and ensuing year is shown in the table below:

In Rs. Crores

	2016-17 Revised Estimates	2017-18 Projected
Power Purchase Cost	6,601.55	7,326.43
Distribution Cost	1,390.17	1,632.93
Transmission Cost	432.89	472.27
SLDC Cost	12.05	13.04
PGCIL Cost	246.18	372.48
ULDC Cost	2.69	3.32
Network Cost	2,083.98	2,494.04
Interest on Consumer Security Deposits	41.91	46.52
Supply Margin	10.71	13.14
Other Expenses	5.75	5.75
CSD & Other Costs	58.37	65.41
Aggregate Revenue Requirement (ARR)	8,743.90	9,885.89

Based on the information available, the Applicant has made sincere efforts to comply with the Regulation of the Hon'ble Commission and discharge its obligations to the best of its abilities. However, should any further material information become available in the near

future, the Applicant reserves the right to file such additional information and consequently amend/ revise the application.

This filing has been discussed and approved by the Board of Directors of TSNPDCL and A. Gopal Rao, Chairman and Managing Director of TSNPDCL has been authorised to execute and file the said document on behalf of TSNPDCL. Accordingly, the current filing documents are signed and verified by, and backed by the affidavit of A.Gopal Rao, the Chairman and Managing Director of TSNPDCL.

In the aforesaid facts and circumstances, the Applicant requests that this Hon'ble Commission may be pleased to:

- a. Take the accompanying ARR and Tariff application of TSNPDCL on record and treat it as complete the tariff proposals will be submitted at a later date
- b. Grant suitable opportunity to TSNPDCL within a reasonable time frame to file additional material information that may be subsequently available;
- c. Consider and approve TSNPDCL's ARR including all requested regulatory treatments in the filing;
- d. Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.

**NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED
(APPLICANT)**

Through

Place: Warangal
Dated:30-11-2016



CHAIRMAN AND MANAGING DIRECTOR

**Chairman & Managing Director
TSNPDCL Warangal.**

BEFORE THE HONOURABLE TELANGANA ELECTRICITY REGULATORY COMMISSION
AT ITS OFFICE AT 5th FLOOR, SINGARENI BHAVAN, RED HILLS, HYDERABAD 500 004

FILING NO. _____/2016

CASE NO. _____/2016

In the matter of:

Filing of the ARR & Tariff applications for the year 2017-18 in accordance with the “Telangana Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation, 2005” by the NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (‘TSNPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee.

In the matter of:

NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

... Applicant

**AFFIDAVIT OF APPLICANT VERIFYING THE APPLICATION ACCOMPANYING FILING AS PER
TERMS AND CONDITIONS OF TARIFF FOR WHEELING AND RETAIL SALE OF ELECTRICITY**

I, Sri A Gopal Rao, son of Sri A. Chalapathi Rao, working for gain at the Northern Power Distribution Company of Telangana Limited do solemnly affirm and say as follows:

1 I am the Chairman and Managing Director of TSNPDCL, the Licensee that has, vide the Hon’ble Commission’s approval in proceedings No. APERC/Secy/Engg/No.6 dt.31.3.2000, been granted the distribution and retail supply functions that Transco was authorised to conduct or carry out under the Act and the license, with respect to the business of distribution and retail supply of electricity in the Northern distribution zone in Telangana. On December 27, 2000, the Hon'ble Commission has awarded a Distribution and Retail Supply License to NPDCL effected from April 1, 2001. I am competent and duly authorised by TSNPDCL to affirm, swear, execute and file this affidavit in the present proceedings.

- 2 As such, I submit that I have been duly authorised by the Board of Directors of TSNPDCL to submit the application, as per Terms and Conditions of Tariff for Wheeling and Retail Sale of Electricity (Regulation 4 of 2005) of TSNPDCL for the FY 2016-17 to Hon'ble Commission.
- 3 I submit that I have read and understood the contents of the appended application of TSNPDCL. The facts stated in the application are true to the best of my knowledge, which are derived from the official records made available and certain facts stated are based on information and advice which, I believe to be true and correct.
- 4 I submit that for the reasons, and facts stated in the appended application this Applicant pray that the Hon'ble Commission may be pleased to

- (a) Take the accompanying ARR and Tariff application of TSNPDCL on record and treat it as complete;
- (b) Grant suitable opportunity to TSNPDCL within a reasonable time frame to file additional material information that may be subsequently available;
- (c) Consider and approve TSNPDCL's ARR and Tariff application including all requested regulatory treatments in the filing;
- (d) Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.


DEPONENT

Chairman & Managing Director
TSNPDCL/Warangal.

VERIFICATION:

I, the above named Deponent solemnly affirm at Hyderabad on this 30th day of November 2016 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.


DEPONENT

Chairman & Managing Director
TSNPDCL/Warangal.

Solemnly affirmed and signed before me.


K. VENKATESHAM
COMPANY SECRETARY
T.S.N.P.D.C. Ltd.
Registered Office & Corporate Office
Vidyuth Bhavan, Hanamkonda
Warangal-506 001.

1 Introduction

Filings based on Multi-Year Tariff (MYT) Principles

Consequent to the formation of Telangana State on 02-06-2014 as per the Andhra Pradesh Reorganisation Act, 2014, a separate Telangana Electricity Regulation Commission constituted on 03-11-2014. TSERC vide Telangana Official Gazette has issued its first regulation, Regulation No. 1 of 2014 on 10.12.2014 (Adoption of Previously Subsisting Regulations, Decisions, Directions or Orders, Licenses and Practice of Directions) wherein clause 2 states that:

“All regulations, decisions, directions or orders, all the licences and practice directions issued by the erstwhile Andhra Pradesh Electricity Regulatory Commission (Regulatory Commission for States of Andhra Pradesh and Telangana) as in existence as on the date of the constitution of the Telangana State Electricity Regulatory Commission and in force, shall mutatis-mutandis apply in relation to the stakeholders in electricity in the State of Telangana including the Commission and shall continue to have effect until duly altered, repealed or amended, any of Regulation by the Commission with effect from the date of notification as per Notification issued by the Government of Telangana in G.O.Ms.No.3 Energy (Budget) Department, dt.26-07-2014 constituting the Commission.”

Hence, the TSNPDCL has made these filings in accordance with the Principle Regulation namely “Terms and Conditions for determination of Tariff for Wheeling and retail supply of electricity” - Regulation 4 of 2005 (“Regulation”) and its subsequent amendment regulation 1 of 2014, which lays the principles for determination of Aggregate Revenue Requirement (ARR) for a) Distribution Business and b) Retail Supply Business of the licensees. The ARR so determined for each of the businesses will form the basis for fixation of wheeling tariff / charges and charges for retail sale of electricity.

In the Regulation, the Commission has also laid down the procedures for filing under multi-year tariff principles. The current filing pertains to the Third Control Period. The Commission has specified the following procedure in Para 6.2 of the Regulation 4 of 2005 for ARR filing for the distribution and retail supply business:

“The ARR filing for the Distribution business shall be for the entire Control Period. For the Retail Supply business the ARR filing will be on annual basis for the first Control Period and the entire Control Period for the subsequent Control Periods”.

The TSDISCOMS have sought permission from Hon'ble TSERC to file ARR for Retail Supply Business for FY 2017-18 on annual basis in view of the difficulties in projection of power purchase cost estimation for the entire control period and Tariff uncertainty and the Hon'ble Commission was kind enough to grant permission for filing Retail Supply Business (RSB) only for FY 2017-18 only vide its Lr. No.TSERC/Tariff/DD(T-Engg)/T-03/2015/D.No. 708/16 Dt. 19.11.2016.

In order to simplify the tariff structure/ reduce tariff categories of consumers, Government of India constituted a committee with Joint Secretary (Ministry of Power) as the Chairperson vide 23/32/2016- R & R dated 24/ 08/2016. The licensee is currently evaluating the options for rationalizing tariff and categories and would require additional time for performing a holistic assessment to meet the above mandate. Hence the licensee requested the Honble Commission to permit to file to the extent of ARR only for FY 2017-18 by 30th Nov 16 and allow filing Tariff Proposals by 31st December 2016. Proposal of Cross Subsidy Surcharge and computation of Additional Surcharge will be filed with tariff proposal in due course of time.

Further, as per the Directive No.10 issued by the Hon'ble Commission in Tariff Order dated 23.06.2016 for Retail Supply Tariffs for FY2016-17, the Discoms have to file True-up proposals of Distribution Business for both 1st and 2nd control periods and true-up of Retail Supply Business under Regulation 1 of 2014 for FY 2014-15 and FY 2015-16. In this regard it is to submit that Government of Telangana (GoTS) is considering signing UDAY scheme this year. Licensee will file true-up for FY15-16 and FY16-17 along with tariff proposal after considering final MoU signed by GoTS and Gol.

Filing Contents

The filing is structured in the following way:

Section 2 provides analysis of performance for year 2015-16 and year 2016-17 for Retail supply Business comprising

- Operating Performance
- Financial Performance

Section 3: Sales Forecast & Energy Requirement

Section 4: Deals with Power procurement plan for FY 2016-17 and for FY 2017-18

Section 5: Charts out expenditure projections comprising of

- Power Purchase Cost
- Transmission and PGCIL Charges
- SLDC Charges
- Distribution Cost
- Interest on Consumer Security Deposits
- Supply Margin
- Other Costs
- Finally amounting to Aggregate Revenue Requirement for Retail Supply Business

Section 6 : Deals with Cost of Service

Appendix –A – Resource Plan till 2018-19

Appendix –B – Status of Implementation of Directives

Appendix –C – Performance parameters

Appendix –D – Court Cases

Appendix –E – RSF filing formats

Appendix –F – CoS filing formats

2.1 Introduction

This chapter presents the analysis of licensee’s performance during the Current Year as compared to the previous year. Key operating and financial parameters have been considered for this analysis.

2.2 Operating Performance

Energy Balance:

Particulars	2015-16				2016-17			
	TSERC		Actuals		TSERC		Estimates	
	MU	%	MU	%	MU	%	MU	%
Metered Sales	7,242.60	55.57%	6,893.73	51.95%	7,769.25	56.10%	7,432.69	53.50%
LT Agricultural Sales	4,340.01	33.30%	4,671.95	35.21%	4,589.01	33.14%	4,942.39	35.57%
Total Sales	11,582.61	88.87%	11,565.68	87.16%	12,358.26	89.23%	12,375.08	89.07%
Dist. Losses (Excl: EHT Sales)	1,450.78	12.58%	1,704.27	14.35%	1,490.91	12.14%	1,518.04	12.30%
EHT Sales	1,504.04	11.54%	1,397.17	10.53%	1,571.65	11.35%	1,552.55	11.17%
Dist. Losses (Incl: EHT Sales)	1,450.78	11.13%	1,704.27	12.84%	1,490.91	10.77%	1,518.04	10.93%
Discom Input (MU)	13,033.39	100.00%	13,269.95	100.00%	13,849.17	100.00%	13,893.12	100.00%

Distribution Loss Reduction –

Year	Loss Target as per ERC		Actual		No. of 11 KV T&MHQ feeders for which energy audit done	Additional 33/11 KV sub-stations charged
	Excl. EHT	Incl. EHT	Excl. EHT	Incl. EHT		
2010-11	16.92%	14.47%	15.95%	14.21%	445	65
2011-12	15.38%	13.33%	15.63%	14.02%	464	27
2012-13	13.99%	12.36%	15.06%	13.37%	505	70
2013-14	13.45%	11.88%	14.89%	13.32%	529	18
2014-15	Tariff Order not issued		14.69%	13.25%	565	28
2015-16	12.58%	11.13%	14.35%	12.84%	570	64
2016-17	12.14%	10.77%	12.30%	10.93%	573	174*

*Proposed

As seen from the above table, the actual distribution losses for the FY 2015-16 are 14.35% and reduced compared to previous year loss of 14.69%. However it is expected that the losses will reduce further with the implementation of the following measures.

- i) Strict implementation of Restriction and Control measures to ensure the assured number of hours of supply to agricultural sector.
- ii) Reduction of both technical and commercial losses by actively conducting 11KV feeder wise energy audit of around 573 feeders in the company.
- iii) During the year 2014-15, only 565 11 KV Town & MHQ feeders were considered for energy audit where as during the year 2015-16, 570 feeders energy audit is being done on regular basis at corporate office level.

For the year 2015-16, 64 additional 33/11 KV sub-stations were charged and for the year 2016-17, 174 additional 33/11 KV sub-stations are proposed to reduce the load on over loaded 33 KV & 11 KV lines and to maintain good voltage profiles up to the consumers end and so far 58 no 33/11 KV sub-stations are commissioned.

Metered Sales:-

In 2016-17, the metered sales are expected to increase by 539 MU over 2015-16 levels, which is 7.82% increase.

Agriculture Sales:

In the year 2015-16 the actual Agriculture Consumption is 4,672 MU as against the 2014-15 actuals of 4,738 MU, which is 66MU less than the 2014-15 sales. During the first half of the current year the agriculture consumption decreased at 1964 MU compared to the last year 2015-16 first half at 1988 MU due to dwindled water table in NPDCL jurisdiction due to acute short fall in rain fall since last two years and this year sufficient rainfall in the month of Sep/2016 and ground water is increased. In the current year the rain fall is heavy and all tanks are filled and ground water is raised and also the cultivation land is also expected to increase. Thus sharp rise of agriculture consumption is expected. A growth rate of 11 % is considered on 2nd half of the FY2015-16 for projection of H2 of 2016-17 on account of new services and sufficient rain fall. Thus expected agricultural consumption for FY 2016-17 is 4,942 MU.

2.3 Financial Performance

The following table provides an overview of TSNPDCL's financial performance for the FY 2015-16 and compares it with the TSERC orders.

Particulars	2015-16		
	TSERC	Actuals	Variations (+/-)
Revenue from Tariff	3,608.35	3,608.22	(0.13)
Non-Tariff Income	28.68	100.68	72.00
GOAP Subsidy	3,533.44	3,533.44	(0.00)
Total Revenue	7,170.47	7,242.34	71.87
Distribution Cost	1,203.15	1,143.97	(59.18)
Power purchase	5,308.96	6,507.66	1,198.70
Transmission & SLDC Charges	352.24	353.51	1.27
PGCIL & ULDC charges	111.53	138.47	26.94
Interest on Consumer SD	51.88	41.60	(10.28)
Supply margin in RSB	8.14	8.99	0.85
Other Costs if any	134.56	5.75	(128.81)
Total Expenditure	7,170.47	8,199.94	1,029.48
Revenue (Deficit)/Surplus	0.00	(957.60)	(957.61)

2.3.1 Revenue from sale of Power:-

The net revenue (excl. NTI) for FY 2015-16 actuals Rs 3608.22 Crores.

For the key categories, the licensee has estimated the revenue as below:

Particulars	2015-16		
	TSERC	Actuals	Variations
			(+/-)
LT			
LT-I Domestic	821.41	877.46	56.05
LT-I Non - Domestic	529.31	540.17	10.87
LT-III Industry	215.54	210.09	(5.45)
LT-IV Cottage and Dobighats	2.81	2.84	0.04
LT-V Agriculture	39.08	32.46	(6.62)
LT-VI Street light and PWS	172.12	155.91	(16.21)
LT-VII General	26.70	27.74	1.04
LT-VIII Temporary	-	1.99	1.99
Total LT	1,806.97	1,848.67	41.71
HT			
HT-I Industrial (Seg.)	965.06	936.65	(28.41)
HT-II Industrial (Non-seg)	111.04	140.28	29.24
HT-III Airports, Bus & Railway Stations	7.44	6.87	(0.57)
HT-IV Agriculture and Irrigation	241.21	220.24	(20.97)
HT-V Railway Traction	320.19	295.74	(24.45)
HT-VI Townships	91.53	97.07	5.54
Resco	64.92	60.26	(4.66)
Temporary	-	2.44	2.44
Total HT	1,801.39	1,759.55	(41.84)
Grand Total	3,608.35	3,608.22	(0.13)

3 Sales Forecast & Energy Requirement:

3.1 Sales Forecast:

The licensee has adopted two different methodologies namely, trend method and end-user method for forecasting the sales in various categories. The trend method has been used predominantly except in the case of HT - I and HT-IV category services, for which the end-user method has been adopted. The sales projections for the current and ensuing years, the licensee has shown below actual sales of TSNPDCL for the FY 2015-16.

Trend Method

This method is a non-causal model of demand forecasting that assumes that the demand would follow the same trend as in the past. In this trend method, there is flexibility to incorporate recent and future changes by adjusting the growth rates to project short term sales forecasting of current and ensuing years. The licensee has projected the category wise sales duly considering the recent changes and historical sales from FY 2010-11 to H1 of FY 2016-17 and its compound annual growth rates. The following inputs have been taken to arrive at sales consumption for H2 of FY 16-17 and FY 2017-18.

- Compounded annual growth rate computed for historical sales from FY 2010-11 to FY 2015-16.
- Sales projected for H2 of FY 2016-17 using expected growth rates over actual sales of H2 of FY 2015-16.
- Sales projected for FY 2017-18 using expected growth rates over projected sales of FY 2016-17
- In the FY 2015-16 and H1 of FY 2016-17, the licensee has not imposed any load restriction to any class of consumers.

End-User Method

The licensee has adopted this methodology primarily for HT – 1 (Industrial) and HT – IV (Irrigation and Agriculture) categories. For HT – I category, the licensee believes that the projection of consumption based on historical growth-rate is not correct because of the nature of the industries in its area. For HT – IV, the sales are scheme dependent and hence, for forecasting the sales of this category, the licensee has considered the inputs as given by the Irrigation Department.

Category-wise Load Forecast

HT-I Industrial:

This category is predominantly driven by Singareni Collieries, Cement Industry, HMWSSB (Hyderabad Metropolitan Water Supply Sewerage Board), and Paper Industry. These industries contribute about 43%, 3%, 3% and 1% of the HT - I sales respectively.

Singareni Collieries: - In the recent past, they have closed down some of their underground mines and the new operational mines have been based on Open Cast. As per the historical data, there has been a downward trend in consumption due to low load requirement for opencast mining. In addition to the above, they have adopted energy conservation measures, which have resulted in reduction in energy consumption. The Compound Annual Growth Rate (CAGR) of sales for the last 14 years of this industry is negative growth rate of 0.48%. In the 1st half of the current year 2016-17, the consumption increased by 2.39% with respect to the 1st half of the previous year 2015-16. In view of this, the licensee has considered the above 1st half growth rate on H2 of 2015-16 to arrive H2 sales of FY 2016-17 and same growth rate is considered for FY 2017-18 and the sales for FY 2017-18 expected to be 573.33 MU.

Cement industry:- In FY 2010-11, the sales of this industry has recorded negative growth rate i.e., (-) 63% due to captive generation. In this segment, about 80% of sales contribution used to be by Orient Cement Industry service only, but in FY 2010-11, this consumer switched over to captive generation by installing 2X25MW generators. Due to this, the power consumption by the consumer has decreased by 70%, 36% and 60% in FY 2010-11, FY 2011-12 and FY 2012-13 respectively. The consumption of cement industry for the 1st half of FY 2015-16 has decreased by -28%. Considering the above factors the licensee has considered the same quantum of sales recorded in H2 of FY 2015-16 as estimated sales for H2 of FY 2016-17 also. The licensee has considered 1% nominal growth rate on sales of FY 2016-17 to arrive sales of FY2017-18 and the sales for FY 2017-18 expected to be 31.62 MU.

Paper Industry:- In FY 2015-16, this industry has recorded negative growth rate i.e., (-) 57% due to closer of Sirpur Kagaznagar Paper Mill. In this segment, about 90% of sales contribution used to be by Sirpur Kagaznagar Paper Mill service only. In view of this, the licensee has considered the same quantum of sales recorded in H2 of FY 2015-16 as estimated sales for H2 of FY 2016-17 also. The licensee has considered 1% nominal growth rate on sales of FY 2016-17 to arrive sales of FY 2017-18 and the sales for FY 2017-18 expected to be 25.69 MU.

Ferro Alloy Units:- In licensee's area, there is only one Ferro Alloy unit at 33 kV voltage

level. This service load was de-rated from 6,300 KVA to 70 KVA in the month of Nov/2015. Hence, the licensee has considered the same quantum of sales recorded in H1 of FY 2016-17 as estimated sales for H2 of FY 2016-17 and the same quantum of sales projected FY 2016-17 are estimated FY 2017-18 also.

Hyderabad Metropolitan Water Supply Sewerage Board :- In licensee's area, there are two services which are released in the month of Oct-2015 with contracted load of 12 MW each at 220 Kv voltage level for supply of drinking water from Yellampally Project in Dist: Peddapally to Hyderabad city. The licensee has considered the same quantum of sales recorded in H1 of FY 2016-17 as estimated sales for H2 of FY 2016-17 and the same quantum of sales projected for FY 2016-17 and estimated for FY 2017-18 also and the estimated sales for FY 2017-18 are to be 144.23 MU.

Other Industries: In HT-I-Industrial Category, apart from Singareni, Cement, Paper, Ferro Alloy units, other industries contribute about 50% of the sales. In this segment, majority of the consumers avail supply at 11 KV and the growth in sales is due to increase in specific consumption of existing consumers in addition to release of new services. In the 1st half of the current year, the sales of this category has recorded growth rate of 8% over H1 of FY 2015-16. However, the licensee expects the nominal growth rate of 6% to arrive sales projection for H2 of FY 2016-17 over the H2 of FY 2015-16. The licensee has considered 5% optimistic growth rate on sales of FY 2016-17 to arrive sales of FY 2017-18.

HT-IA Poultry Farms:

As per the Tariff Order for the FY 2015-16, Poultry Farms are categorized under HT-IA by the Hon'ble commission with effect from 01.04.2015. Hence, sales in this category are expected as 7.59 MU and 7.74 MU for the FY 2016-17 and FY 2017-18 respectively.

(In MU)

HT-I	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
Voltage	Actuals	Actuals	Projections	Projections	Projections
132kV	570.94	337.41	347.48	684.89	694.65
33kV	207.45	86.75	93.75	180.50	184.21
11kV	488.62	212.42	285.91	498.33	557.59
Total	1,267.01	636.58	727.15	1,363.73	1,436.45

HT-II Non-Industrial:

In this category, there are two consumers at 220 KV level, out of which one consumer avails power from captive sources and another service was released in the end of the FY 2012-13 which was taken for construction of power plant and subsequently this service is being used for standby supply. In the month of August 2015, the consumption of this category at 220 KV level is expected to be 1.21 MU for H2 of FY 2016-17 and 3.38 MU for FY 2017-18. The consumption of HT-II at 33 KV level is expected to be 13.13 MU and 13.39 MU for current and ensuing years respectively. The consumption of this category is mainly contributed by 11 KV consumers. At 11KV level sales growth rate of 8% recorded for H1 of FY 2016-17 over H1 of FY 2015-16, the same growth rate over sales of H2 of FY 2015-16 is considered to arrive the sales of H2 of FY 2016-17 and also same growth rate over sales of FY 2016-17 is taken to arrive estimated sales of FY 2017-18. The sales in this category are expected as 126.79 MU and 136.59 MU for the FY 2016-17 and FY 2017-18 respectively.

(In MU)

HT-II	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
Voltage	Actuals	Actuals	Projections	Projections	Projections
132kV	12.39	4.91	1.21	6.12	3.38
33kV	13.48	6.30	6.83	13.13	13.39
11kV	99.38	56.40	51.15	107.55	119.82
Total	125.24	67.60	59.19	126.79	136.59

HT-III Airport, Bus Stations and Railway Stations:

As per the Tariff Order for the FY 2013-14, Airports, Bus Stations and Railway Stations are categorized under HT-III by the Hon'ble commission with effect from 01.04.2013. Hence, sales in this category are expected as 8.02 MU and 8.60 MU for the FY 2016-17 and FY 2017-18 respectively.

In MU

HT-III	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
Voltage	Actuals	Actuals	Projections	Projections	Projections
132kV					
33kV					
11kV	7.97	4.36	3.66	8.02	8.60
Total	7.97	4.36	3.66	8.02	8.60

HT-IV Irrigation & Agriculture:

In TSNPDCL, the following are major State Government Lift Irrigation Schemes including new upcoming schemes.

PROJECTED SALES UNDER MAJOR LIFT IRRIGATION SCHEMES FY 2017-18							
NAME OF THE MAJOR LIS	SC.NO.	STATUS	NO OF DAYS	NO OF HOURS TO BE OPERATED IN A	VOLTAGE	CMD (MVA)	PROJECTED SALES FY 2017-18 IN (MU)
Existing LIS schemes							
Devadula Phase-I							
Darma Sagar JCR-DLIS-Phase-I	WGL192	Released	120.00	16.00	132.00	6.00	37.75
Atmakur (Punkurthi) JCR-DLIS-Phase-I	WGL198	Released	120.00	16.00	220.00	13.00	30.04
Bheemghanpur JCR-DLIS-Phase-I	WGL200	Released	120.00	16.00	132.00	46.67	91.21
Gangaram JCR-DLIS-Phase-I	WGL201	Released	120.00	16.00	132.00	148.89	106.54
Devadula Phase-I (Total)						214.56	265.55
Devadula Phase-II							
Chalivagu JCR-DLIS-Phase-II	WGL288	Released	120.00	16.00	220.00	29.00	46.49
Chaghal JCR-DLIS-Phase-II	WGL260	Released	120.00	16.00	33.00	7.00	7.36
Bhommakur JCR-DLIS-Phase-II	WGL289	Released	120.00	16.00	33.00	7.50	4.54
Gandiramaram JCR-DLIS-Phase-II	WGL344	Released	120.00	16.00	33.00	9.00	9.39
Devadula Phase-II (Total)						52.50	67.78
Arugula Rajaram Guthpa							
Nandipet - A R Guthpa - Ummeda - 120	NZB222	Released	120.00	16.00	132.00	11.34	6.02
Nandipet - A R Guthpa - Lakmapur - 120	NZB223	Released	120.00	16.00	132.00	7.56	3.62
Arugula Rajaram Guthpa(Total)						18.90	9.64
Alisagar							
Bodhan Alisagar-Kosli -120 Days	NZB212	Released	120.00	16.00	132.00	8.07	3.51
Bodhan Alisagar-Bhagepally 120 Days	NZB213	Released	120.00	16.00	132.00	10.88	4.98
Bodhan Alisagar-Jankam Pet -120 Days	NZB214	Released	120.00	16.00	132.00	4.69	2.56
Alisagar (Total)						23.64	11.05
KADDAM	ADB438	Released in Nov/2014	120.00	16.00	132.00	11.25	7.22
KADDEM (Total)						11.25	7.22
Other 33kv Services							
Kotha Pally SRSP	NZB159	Released	120.00	16.00	33.00	4.50	0.83
Navap tank SRSP	NZB193	Released	120.00	16.00	33.00	2.00	0.07
Armoor - CH Hanumantha Reddy - Setpally	NZB238	Released	120.00	16.00	33.00	5.68	0.56
Armoor - CH Hanumantha Reddy - Setpally	NZB268	Released	120.00	16.00	33.00	1.82	0.52
Armoor - CH Hanumantha Reddy - Setpally	NZB271	Released	120.00	16.00	33.00	1.50	0.07
CH Hanumantha Phase-II	NZB294	Released	120.00	16.00	33.00	0.46	0.00
CH Hanumantha Phase-III	NZB295	Released	120.00	16.00	33.00	0.37	0.00
M/S LIFT IRRIGATION SCHEME	ADB349	Released	120.00	16.00	33.00	1.60	0.96
THE PRESIDENT, MALLIKARJUN LIS	ADB437	Released	120.00	16.00	33.00	1.58	-
THE EXECUTIVE ENGINEER,	KRN431	Released	120.00	16.00	33.00	3.15	2.76
THE EXECUTIVE ENGINEER, DIVN,1	KRN542	Released	120.00	16.00	33.00	3.48	0.74
Other 33kv Services Total						26.13	6.50
Existing Major LIS Total						346.98	367.74
Up coming LIS in 2017-18							
Sri Pada Sagar							
Vemunuru Village (Ramagundam) KRN610	KRN610	Released end of the month of Sep-2016	90.00	16.00	220	42.80	61.63
Islampur Village (Gangadhara) KRN611	KRN611		90.00	16.00	132	28.32	40.78
Nandi Medam Village (Dharmaram) KRN623	KRN623		90.00	16.00	220	63.96	92.10
Sri Pada Sagar (Total)						135.08	194.52
Bhakta Ramadasu LIS							
Bhakta Ramadasu LIS		To be Released 2017-18	90.00	16.00	132.00	22.00	31.68
Bhakta Ramadasu LIS Total						22.00	31.68
Devadula III rd Phase(Addl Load)							
J.Chokkarao Godavari LI Scheme Phase-		To be Released 2017-18	90.00	16.00	220.00	66.50	95.76
Devadula III rd Phase(Addl Load) Total						66.50	95.76
Thotapally Reservoir to Gouravelly Reservoir							
Thotapally Reservoir to Gouravelly Reservoir		To be Released 2017-18	90.00	16.00	132.00	45.00	64.80
Thotapally Reservoir to Gouravelly Reservoir						45.00	64.80
LI Scheme at Jogapur							
LI Scheme at Jogapur		To be Released 2017-18	90.00	16.00	132.00	14.24	20.51
LI Scheme at Jogapur Total						14.24	20.51
LI Scheme at Chanaka Koratala							
LI Scheme at Chanaka Koratala		To be Released 2017-18	90.00	16.00	132.00	14.24	20.51
LI Scheme at Chanaka Koratala Total						14.24	20.51
Up coming LIS in 2017-18 Total						297.06	427.77
MAJOR LIS GRAND TOTAL						644.04	795.50

The above major lift irrigation schemes, with a contracted load of 347 MVA, consumed 309 MU in the year 2015-16 and 232 MU in H1 of the FY 2016-17. In the year 2015-16, the consumption of this category is increased by 72 MU over FY 2014-15 sales. However, it is expected that the above services will run full-fledged in the FY 2017-18. In addition to the above, new LIS services with connected load of 297 MVA are expected to be released and operated in the FY 2017-18. The Government of Telangana has taken up new drinking water scheme i.e., water grid scheme to provide drinking water to all households of Telangana State. Under this scheme, the licensee expects the consumption of 300 MU for the FY 2017-18. Accordingly, the sales projected for the above services for year 2017-18 are as follows.

(In MU)

HT-IV	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
Voltage	Actuals	Actuals	Projections	Projections	Projections
132kV	287.74	216.02	123.92	339.94	767.71
33kV	21.68	15.84	43.19	59.03	263.92
11kV	31.36	14.03	23.50	37.53	96.04
Total	340.78	245.90	190.60	436.50	1,127.67

HT-V Traction:

In the FY 2015-16, the consumption in this category almost same compared with the preceding year 2014-15. In this category, the licensee has considered 5years CAGR of 1.75% over sales of FY 2015-16 to arrive H2 sales of FY 2016-17. The licensee has considered 5years CAGR of 0.28% on sales of current year 2016-17 for projecting sales for FY 2017-18. Accordingly, the sales for FY2017-18 are expected to be 422.91 MU.

(In MU)

HT-V	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
Voltage	Actuals	Actuals	Projections	Projections	Projections
132kV	430.40	208.17	213.58	421.74	422.91
33kV					
11kV					
Total	430.40	208.17	213.58	421.74	422.91

HT-VI Colony Lighting:

In this category, townships of Singareni Collieries' consumption contribute about 93% of the total consumption. In the FY 2015-16, the consumption in this category same compared with the preceding year 2014-15. The sales for HT-VI category have been

projected using a normal growth as 157.92 MU and 164.04 MU for FY 2016-17 and FY 2017-18.

(In MU)

HT-VI Voltage	2015-16 Actuals	2016-17H1 Actuals	2016-17H2 Projections	2016-17 Projections	2017-18 Projections
132kV	95.70	52.44	47.42	99.86	104.19
33kV	43.78	24.28	20.98	45.26	46.79
11kV	14.48	6.54	6.26	12.80	13.06
Total	153.96	83.26	74.66	157.92	164.04

HT- RESCO:

In this category, there is only one bulk supply consumer i.e., Rural Electrical Supply Co-Operative society, Sircilla and the consumption pattern of the RESCO is in line with TSNPDCL's consumption of all LT consumer categories. The RESCO consumption in the 1st half of FY 2016-17 increased by 5.14% over the 1st half of FY 2015-16. The sales are projected at growth rate of 9.69% for the H2 of FY 2016-17 over H2 of FY 2015-16. Hence, sales are projected for FY 2017-18 by using TSNPDCL all LT categories aggregate growth rate. The sales for the current year 2016-17 and ensuing year 2017-18 are projected to be 652.80 MU and 699.74 MU respectively.

(In MU)

HT-Resco Voltage	2015-16 Actuals	2016-17H1 Actuals	2016-17H2 Projections	2016-17 Projections	2017-18 Projections
132kV					
33kV					
11kV	607.52	313.62	339.18	652.80	699.74
Total	607.52	313.62	339.18	652.80	699.74

LT-I Domestic:

Two factors contribute to the Domestic category sales growth namely, releases of new service connections and increase in specific consumption. In FY 2015-16, the sales in this category recorded 15.42% growth over its previous year. Further in the 1st half of the current year 2016-17, growth rate in sales of this category are recorded by 9% over the 1st half of the FY 2015-16. The same 9% growth rate on sales of H2 of 2015-16 is considered for the H2 of 2016-17. Hence, a sales growth of 9% over sales of FY 2016-17 is considered for FY 2017-18. The sales for the current year 2016-17 and ensuing year 2017-18 are projected to be 3070 MU and 3343.33 respectively.

(In MU)

LT-I	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
	Actuals	Actuals	Projections	Projections	Projections
Sales	2,819.02	1,623.98	1,446.02	3,070.00	3,343.33

LT-II Non-Domestic /Commercial:

In the year 2015-16, the consumption of this category is increased by 13.89 % over FY 2014-15 sales. Further in the 1st half of the current year 2016-17, growth rate in sales of this category are recorded by 7.95% over the 1st half of the FY 2015-16. In this regard, the licensee expects that the same growth recorded in the 1st half of the current year will be continued for the 2nd half of the FY 2016-17 & FY 2017-18 also. Hence, sales in this category are expected as 617.92 MU and 667.03 MU for the FY 2016-17 and FY 2017-18 respectively.

(In MU)

LT-II	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
	Actuals	Actuals	Projections	Projections	Projections
Sales	572.43	321.93	295.99	617.92	667.03

LT-III Industrial:

In the year 2015-16, the consumption of this category recorded negative growth rate of 7.95% over FY 2014-15 sales. Further in the 1st half of the current year 2016-17, growth rate in sales of this category are recorded by -3.31% over the 1st half of the FY 2015-16. In this regard, the licensee expects an optimistic growth rate of 2% for the H2 of FY 2016-17 over H2 of FY 2015-16 and 1% growth rate is considered for FY 2017-18 over FY 2016-17.

The Actual sales from 2015-16 to H1 of 2016-17, projections of sales for H2 of 2016-17 and sales projection for 2017-18 are as shown below.

(In MU)

LT-III	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
	Actuals	Actuals	Projections	Projections	Projections
Sales	247.05	116.18	129.44	245.62	248.08

LT-IV Cottage Industries:

This category has very low sales per year around 6 MU. However, the licensee expects the consumption of 6.65MU for the FY 2017-18.

(In MU)

LT-IV	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
	Actuals	Actuals	Projections	Projections	Projections
Sales	6.32	3.29	3.20	6.48	6.65

LT-V Agriculture:

The Licensed area of TSNPDCL covers seventeen rural predominant districts. Farmers in these districts are largely dependent on pumping of ground water for their irrigation needs. The demand has been growing consistently over the past years. Typically two crops are grown in a year and in some areas a third crop is also grown.

In spite of our regular appeals every year to the farmers to go for ID crops and complete by 15th April, farmers are not obliging and they are continuing to raise only paddy in midsummer also. Paddy is the preferred crop in most of the areas resulting in high demand for irrigation.

There are other practices which are contributed to increased drawl of energy. One of them being the fact that almost all the farmers get their pump sets locally wound which draw more energy. Also they tend to replace their old pump sets with higher capacity pump sets, whenever water levels deplete.

Agriculture consumption estimation based on ISI methodology:-

Licensee has fixed 3168 meters for LV side of the Agricultural DTRs as per the ISI methodology approved by the Hon'ble Electricity Regulatory Commission. The Agricultural consumption is being estimated as per ISI methodology from October 2013 onwards and same is being furnished to the Hon'ble Commission.

Projection of Agriculture category consumption for H2 of FY 2016-17 and FY 2017-18:-

In the FY 2015-16, due to insufficient rain fall the consumption of the agricultural category consumers decreased from its previous year's levels of 4738 MU to 4672 MU which is - 1.40% growth over the FY 2014-15 and the consumption of agriculture category in H1 of

FY 2016-17 has also decreased by -1.24% over the H1 of FY 2015-16. In the current year the rain fall is heavy and all tanks are filled and ground water is raised and also the cultivation land is also expected to increase. Thus sharp rise of agriculture consumption is expected and 42635 new agriculture connections are planned to release during FY 2016-17 and already 17621 service connections are released up to the month of Sep/2016. In view of the above, the licensee expects growth rate of 11% for the H2 of FY 2016-17 over the H2 of FY 2015-16. The sales for the FY 2016-17 are expected to be 4942 MU. The licensee has considered 6.50% growth over FY 2016-17 projected sales for estimating consumption for FY 2017-18. Thus, the licensee has estimated agriculture consumption of 5,264 MU for the FY 2017-18.

(In MU)

LT-V	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
	Actuals	Actuals	Projections	Projections	Projections
Sales	4,671.95	1,963.69	2,978.70	4,942.39	5,263.65

LT-VI Public Lighting & PWS Schemes:

In 1st half of the FY 2016-17, the consumption of this category has increased by 0.49% over H1 of FY 2015-16. The licensee has considered 2years CAGR of 1.87% on sales of FY 2015-16 for projecting sales for H2 of FY 2016-17 and 3years CAGR of 1.74% on sales of FY 2016-17 for projecting sales for FY 2017-18. The licensee expects the additional consumption of 6.38 MU in this category under water grid scheme of state Government for ensuing year 2017-18. The Actual sales from FY 2015-16 to H1 of FY 2016-17, projections of sales for H2 of FY 2016-17 and FY 2017-18 are as shown below.

(In MU)

LT-VI	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
	Actuals	Actuals	Projections	Projections	Projections
Sales	277.34	137.20	144.24	281.44	292.03

LT-VII General Purpose:

In the 1st half of the current year 2016-17, growth rate in sales of this category is 15.08% over the 1st half of the FY 2015-16. The licensee has considered 2years CAGR of 11.09% on sales of FY 2015-16 for projecting sales for H2 of FY 2016-17 and 4years CAGR of 11.83% on sales of FY 2016-17 for projecting sales for FY 2017-18. The Actual sales from 2015-16 to H1 of FY 2016-17, projections of sales for H2 of FY 2016-17 and for FY 2017-18 are as shown below.

(In MU)

LT-VII	2015-16	2016-17H1	2016-17H2	2016-17	2017-18
	Actuals	Actuals	Projections	Projections	Projections
Sales	38.69	21.32	22.40	43.72	48.89

Abstract of category wise sales 2015-16, 2016-17 and 2017-18 is given below:

(In MU)

Consumer category	2015-16	2016-17H1	2016-17H2	2016-17	2017-18	2016-17 on	2017-18 on
	Actuals	Actuals	Projections	Projection	Projection	2015-16	2016-17
LT							
Domestic Supply : LT- I	2,819.02	1,623.98	1,446.02	3,070.00	3,343.33	8.90%	8.90%
Non-Domestic :-LT-II	572.43	321.93	295.99	617.92	667.03	7.95%	7.95%
Industrial Supply : Cat. III	247.05	116.18	129.44	245.62	248.08	-0.58%	1.00%
Cottage Industries : Cat. IV	6.32	3.29	3.2	6.48	6.65	2.59%	2.59%
Irrigation & Agriculture : Cat. V	4,671.95	1,963.69	2,978.70	4,942.39	5,263.65	5.79%	6.50%
Public Lighting : Cat. VI	277.34	137.2	144.24	281.44	292.03	1.48%	3.76%
General Purpose : Cat. VII	38.69	21.32	22.4	43.72	48.89	13.00%	11.83%
TOTAL 'LOW TENSION'	8,632.80	4,187.58	5,019.99	9,207.57	9,869.65	6.66%	7.19%
HT							
Industrial Segregated : Cat. I	1,267.01	636.58	727.15	1,363.73	1,436.45	7.63%	5.33%
Others : Cat. II	125.24	67.6	59.19	126.79	136.59	1.24%	7.73%
Airport, Bus & Railway	7.97	4.36	3.66	8.02	8.6	0.66%	7.25%
Irrigation & Agriculture : Cat. III	340.78	245.9	190.6	436.5	1,127.67	28.09%	158.34%
Railway Traction : Cat. V	430.4	208.17	213.58	421.74	422.91	-2.01%	0.28%
Colony Lighting Cat. VI	153.96	83.26	74.66	157.92	164.04	2.57%	3.88%
Electric Co-Op Societies	607.52	313.62	339.18	652.8	699.74	7.45%	7.19%
Temporary							
TOTAL 'HIGH TENSION'	2,932.87	1,559.50	1,608.01	3,167.51	3,996.01	8.00%	26.16%
TOTAL (LT + HT)	11,565.68	5,747.08	6,628.00	12,375.08	13,865.66	7.00%	12.05%

3.2 Load Forecast

3.2.1 Discom Losses

The Hon'ble Commission had approved a loss trajectory for the licensee as per the Wheeling tariff order for the period FY2014-15 to FY2018-19 and the same has been considered for projection of energy input for 2016-17 and 2017-18.

Losses	FY16-17	FY17-18
LT Loss (%)	5.50%	5.25%
11 kV Loss (%)	4.23%	4.20%
33 kV Loss (%)	4.00%	4.00%

3.2.2 Transco Losses

The Hon'ble Commission had approved a loss trajectory for the licensee as per the Transmission tariff order for the period FY2014-15 to FY2018-19. As the actuals are lower

than the approved the same has been considered for projection of energy input for 2016-17 and 2017-18.

Losses	FY16-17	FY17-18
Transco Loss (%)	3.38%	3.38%

3.2.3 Losses external to Transco system

The losses external to the TSTransco system are estimated to be 3.44 %. This is applicable for procurement of power from Central Generating Stations and other medium and short term purchases. However, external losses have not been considered for bilateral/inter-state purchases due to considering average landed power purchase cost at TSTransco periphery. Also no additional losses have been considered for the APTransco network.

3.3.4 Energy Requirement

The energy requirement duly considering the approved losses and projected sales for FY2016-17 and FY2017-18 is tabulated below:

Energy Requirement		
Particulars	FY16-17	FY17-18
LT Sales	9,208	9,870
Annual LT Loss %	5.50%	5.25%
LT Loss (MU)	536	547
11 kV Sales (MU)	1,317	1,495
Energy Requirement at 11 kV level (MU)	11,061	11,911
Annual 11 kV Loss %	4.23%	4.20%
11 kV loss (MU)	489	522
33 kV Sales (MU)	298	508
Energy Requirement at 33 kV level (MU)	11,847	12,942
Annual 33 kV Loss %	4.00%	4.00%
33 kV losses (MU)	494	539
132 kV Sales (MU)	1,553	1,993
Energy Requirement at 132 kV level (MU)	13,893	15,474
Cumulative Distribution Losses (MU)	1,518	1,608
Cumulative Distribution Losses (%)(incl EHT sales)	10.93%	10.39%
Cumulative Transmission loss (%)	3.38%	3.38%
Cumulative Transmission Losses (MU)	486	541
Total Energy Requirement	14,379	16,015
Total T & D loss (MU)	2,004	2,150
T & D Loss %	13.94%	13.42%
Total Sales	12,375	13,866
Total Energy Requirement*	14,379.13	16,015

* Excluding PGCIL Losses

4. POWER PURCHASE COST FOR CURRENT YEAR (FY 2016-17) SECOND HALF AND ENSUING YEAR (FY 2017 - 18)

The licensee is submitting the power procurement plan which will take into account all the available and possible generation sources and shall meet out the additional power required to meet the future energy demand.

Basis of Estimation of Quantity and Cost

This section discusses the methodology and assumptions considered for estimating the quantum and corresponding cost of power purchase of the Licensee for the second half of the Financial Year ending 31stMarch, 2017 and for the Financial Year ending 31st March, 2018.

With the implementation of Multi-Buyer Model (MBM) in the state from 9thJune, 2005, each DISCOM has been allocated a certain share of the generating stations contracted by TS & APTRANSCO. After bifurcation of the state the share from the generating stations to TSDISCOMs is allocated as per G.O.Ms.No.20,Dt:08.05.2014.

S. No.	Name of the Distribution Company	Allocation Percentage
1	TSSPDCL	38.02
2	TSNPDCL	15.87
3	APEPDCL	15.80
4	APSPDCL	30.31

Power Purchase allocation

- Non-conventional Energy sources have been allocated to the DISCOMs based on their geographical presence/location.
- The allocation percentages for different DISCOMs of TSGENCO& APGENCO and all the other sources is being done as per the final transfer scheme are as follows:

S. No.	Name of the Distribution Company	Allocation Percentage
1	TSSPDCL	70.55 %
2	TSNPDCL	29.45 %

In case of deficit of energy, the external purchases have also been allocated based on the above allocation percentages.

In the following paragraphs, the capacities and availabilities of all the generating sources have been described. The actual energy availability in MU for each DISCOM has been projected based on the above allocation principles.

Installed Capacity of Generating Stations

- a) **TSGenco&APGenco Stations:** The table below shows the projected capacities of the Thermal and Hydel generating stations of TSGenco&APGenco including the share in the interstate projects. The Discomspurchase the entire generation of TSGenco&APGenco under the terms of the PPAs with the generator.

Source	Project Installed Capacity (MW)	TS Share Capacity (MW)
Thermal		
Kothagudem-(A,B,C)	720	388
Kothagudem-V	500	269
KTPS-VI	500	269
KTPP -I	500	269
KTPP -II	600	600
Ramagundam-B	62.5	34
Dr. NTTPS (I, II, III)	1,260	679
Dr. NTTPS – IV	500	269
RTPP-I	420	226
RTPP-II	420	226
RTPP- III	210	113
TOTAL THERMAL	5692.5	3344
HYDEL		
Interstate projects:		
Machkund, Orissa (AP share 70%)	84	45
T.B. Station, Karnataka (AP share 80%)	57.6	31
State projects:		
Srisaillam left bank PH	900	900
Nagarjunsagar	815.6	815.6
Nagarjunsagar left canal PH	60	60
Nizam Sagar	10	10
Pochampadu	27	27
Pochampadu-Stage II	9	9
Mini hydro(palair + peddapalli)	11.16	11.16
Singur	15	15
Priyadarshini Jurala*	234	117
Lower Jurala	240	240
Pulichintala	120	120
TOTAL HYDEL	2583.36	2401
TOTAL TS & APGENCO	8275.86	5745

*At present, in respect of Priyadarshini Jurala project MoU was entered with Karnataka, the Energy sharing is in the ratio of 50:50 between TS & Karnataka.

*COD of 1st Unit (30MW), in respect of Pulichintala Hydro Electric Project was declared on 29.09.2016, and the COD of remaining 3 Units are yet to be declared.

- b) **Central Generating Stations(CGS):** The Licensee has Power Purchase Agreements with Central Generating Stations to purchase power from NTPC RSTPS I&II , NTPC RSTPS-III , NTPC -Talcher-II, NTPC Simhadri-I, Vallur (JV) Power Project, Simhadri Stage-II, Neyveli Lignite Corporation Ltd (“NLC”) NLC TPS-II Stage-I and Stage-II, NTPL NLC Tamilnadu power limited(Tuticorn), Madras Atomic Power Station (“MAPS”) and Kaiga Atomic Power Station (“KAPS”). The share of the DISCOMs in the total capacity of the stations is provided below for FY 2017-18. The percentage allocations are the tentative weighted average allocations as per SRPC letter dt 14.09.2016.

Name of the Station	Capacity	TS Share	
	MW	MW	%
NTPC-(SR) Ramagundam I & II	2100	357.84	17.04
NTPC-(SR) STAGE – Ramagundam- III	500	89.70	17.94
NTPC-TALCHER-II	2000	226	11.3
NLC TS II STAGE-I	630	58.84	9.34
NLC TS II STAGE-II	840	105.67	12.58
MAPS	440	22.44	5.10
KAIGA 1 & 2	440	69.17	15.72
KAIGA 3 & 4	440	73.48	16.70
NTPC Simhadri Stage-II	1000	247.60	24.76
Vallur (JV) NTPC with TANGEDCO *	1500	108.60	7.24
NTPL (JV) NLC with TANGEDCO	1000	150.10	15.01
Bundled Power under JVNSM from NTPC	85 MW from CGS coal portion (NTPC)	45.81	53.89
TOTAL	10975	1555.25	14.17
NTPC- Simhadri stage-I	1000	538.9	53.89
GRAND-TOTAL (CGS)	11975	2094.15	17.49

2400MW(3x800MW) Thermal Power Project is being setting up by M/s NTPC Ltd at Kudigi, Karnataka. The then TSDISCOMs have signed a PPA with NTPC on 23.09.2010.9.75% of power (234 MW) from the said Power Project was allocated by MoP,Gol to TSDISCOMs. As informed by NTPC, the scheduled COD of 1st unit(800MW) in Jan, 2017, scheduled COD of 2nd unit(800MW) in Aug,2017 and the scheduled COD of 3rd unit(800MW) in Jan,2018.

- c) **Independent Power Producers (IPPs):**As per the Gol scheme for utilization of stranded gas based power generation capacity, it was envisaged to supply imported spot RLNG “e-bid RLNG” to the stranded gas based plants receiving domestic gas upto target PLF of 30% selected through a reverse e-bidding process. The Commission approved energy availability for FY 2016-17 was 128 MU from old gas based IPPs – Spectrum and Reliance BSES and 1947 MU from new IPPs. However till date the gas based generation has been minimal and TS Discoms have received 39 MU from GVK Extension in H1 of 2016-17. As there is no proposal from Gol for extension of the above scheme for FY 2017-18, the licensees have not considered any energy availability from the new IPPs for the ensuing year. M/s. Reliance Infrastructure Limited (BSES) PPA term will expire by 23.12.2017. The new IPPs which have been commissioned in XIth Five Year Plan with installed capacity along with TS share (53.89% of the total capacity as per Go.Ms.No.20) are tabulated as below.

Project Name	Capacity (MW)	TS Share (MW)
GVK Extension	220.00	118.56
Vemagiri	370.00	199.39
Gautami	464.00	250.05
Konaseema	444.08	239.31
Total	1498.08	807.31

- d) **AP Gas Power Corporation Ltd (APGPCL): Joint Sector:**APGPCL is a joint sector gas-based power project. The allocation of power from this project is in proportion to the equity share capital of participating industries. TS share

is considered as 41.68% of the total capacity as per Go.Ms.No.26 .The total installed capacity of the project along with the DISCOMs share is as given below:

Sl.No	Station	InstalledCapacity	TS Share	
		(MW)	MW	%
1.	APGPCL Stage- I	100	6.6688	6.67
2.	APGPCL Stage- II	172	17.8390	10.37
Total		272	24.5078	9.01

- e) **Non-Conventional Energy (NCE) Sources:** The details of installed capacities of NCE projects in the state projected for FY16-17 and FY17-18 are as follows:

Type of Project	FY16-17 (MW)	FY17-18(MW)
Bio Mass Power Projects	51.00	51.00
Bagasse Cogeneration Projects.	73.80	73.80
Wind Power Projects	100.00	200.00
Mini Hydel Power Projects	7.55	7.55
Industrial Waste Based Power Projects	11.00	11.00
Municipal Waste Based Power Projects	18.60	31.2
Solar Power Projects	1138.75	2609.75
TOTAL	1400.7	2984.3

The actual energy generation from biomass projects in H1 of 2016-17 is 75 MU and is in line with the approved energy of 156 MU for the current year. However the generation from Industrial waste and bagasse based projects in H1 of 2016-17 is 2.5 MU and 0.6 MU as against the approved availability of 55 MU and 128 MU.

In view of the above, the licensee has considered a minimal generation of 7.77 MU from bagasse and industrial waste projects. However as the Hon'ble Commission has fixed the tariff for generation of power from MSW and RDF projects, it expected that this will give impetus to waste to energy generation. The licensee has projected an availability of 126 MU in the ensuing year from MSW projects.

- f) **Singareni Thermal Power Project:** During the united AP state regime the then 4 APDISCOMs had entered into a PPA with M/s Singareni Collieries Company Limited (SCCL) in respect of their 2x600MW Thermal Power

Project-Stage-I at Pagadapalli Village, Jaipur Mandal, Adialabad Dist. on 29.09.2010. The aforesaid PPA was submitted to the then APERC for its consent. The then APERC however, returned the said PPA without giving its consent for the reason that the said PPA did not specify precisely the tariff payable in terms of its Regulation No.1 of 2008 and directed that the APDISCOMs & TSDISCOMs may file suitable petitions under section 86(1)(b) of the Electricity Act 2003.

Consequent to the State bifurcation and formation of Telangana State, the Govt. of Telangana sought to work out the revised PPA to be entered by the 2 DISCOMs of Telangana only.

Accordingly, Telangana DISCOMs have signed fresh PPA with M/s. Singareni Collieries Company Ltd on 18.01.2016 in respect of 2x600MW Thermal Power Project, Stage-I after legal opinion was obtained from Ld. Advocate General of Telangana State.

The COD of 1st unit (600MW) was declared on 25.09.2016. The licensee has considered the COD of the 2nd unit (600 MW) in December 2016.

As per its filing of Capital Cost/Tariff of 1200 MW (2 X 600 MW) project, SCCL has considered an IDC cost of Rs 407Cr which is substantial. It is the submission of the licensee that the consumers in the state should not be saddled with the IDC component which is due to the project execution delays. Further there is scope of interest cost reduction through negotiations with the funding agencies. Keeping this in view, the licensee has considered a fixed cost per unit of Rs 2.15/KWh for FY 2017-18.

As SCCL is a pit head station, there is a good scope of decreasing the transit losses in coal. The licensee has considered a variable cost per unit of Rs.1.80/KWh for FY 2017-18.

- g) **Long Term Purchases:** The licensees have signed a Power Purchase Agreement with M/s. Thermal Power Tech Corporation India Limited (TPCIL) for a contracted capacity of 500 MW under long term basis through Case-I bidding route for a period of 25 years. Consequent to bifurcation of

the state TSDISCOMs will have 53.89% of share i.e 269.45MW. TPCIL is supplying the above power from 20.04.2015 and the energy availability projected from this plant is 1000.41 MU for FY 2016-17 (H2 Projection) and 2006.32 MU for FY 2017-18. The licensee has considered a total cost per unit of Rs 3.79/unit for power from TPCIL (Unit -1)

Also the licensees have followed the competitive bidding mechanism and have signed a Power Purchase Agreement with M/s. Thermal Powertech Corporation India Limited (TPCIL) for a contracted capacity of 570 MW under long term DBFOO basis for a period of 8 years. TPCIL is supplying the above power from 30.03.2016 and the energy availability from this plant is projected at 3968 MU for FY 2017-18.

The licensees have considered the costs as per the prices quoted by the bidders in the Long term bidding process.

- h) **Bilateral/Inter-State purchases:** The licensee has not proposed any additional purchase of power through bilateral/ inter-state purchases for the FY 2017-18. However licensee may opt for procurement of power during specific days/ month depending on demand to ensure the stability of the grid and also to ensure uninterrupted power supply to all categories of consumers in the State.

Energy Availability

- a) **TSGenco&APGenco– Thermal Energy:** The Energy availability for H2 of FY16 has been projected based on the actual performance of Plants up to Sep 2016 and projected performance estimated by TS &APGENCO from October 2016 to March 2017. For FY17, the energy availability has been projected based on the projected performance estimated by TS & APGENCO and maintenance schedules of the plants.

The average variable cost per unit for 1st half of FY 2016-17 is considered for H2 of FY 2016-17. For FY 2017-18 the variable cost considered is lower

of the cost provided by the generator or actual cost in H1 escalated by 2%, which is lower.

TSGenco intends to initiate measures aimed at reducing the cost of delivered power to discoms through measures such as joint sampling of coal to avoid grade slippage etc. In view of this, the licensee has considered a variable cost per unit of Rs 2.50/unit in FY 2017-18 for KTPS A, B and C.

TSGenco&APGenco Thermal (Energy Availability- MUs)			
S. No.	Station Name	FY16 H2TS Share	FY17 TS share
1	Dr NTTPS-I,II,III	2171.08	4342.16
2	Dr NTTPS-IV	873.34	1746.68
3	RTPP-I	721.71	1,443.42
4	RTPP-II	721.71	1,443.42
5	RTPP-III	360.86	721.71
6	KTPS-(A,B,C)	1131.70	2455.40
7	KTPS-D	859.18	1718.36
8	RTS-B	101.29	214.79
9	KTPP-I	873.34	1,746.68
10	KTPP-2	1944.72	3,889.44
11	KTPS-VI	873.34	1,746.68
Total		10632.27	21,468.74

- b) **TSGenco&APGenco – Hydrel Energy:** The licensee has projected the Hydrel availability considering 100% share of power from the hydrel projects in the state of Telangana. The licensee would like to submit that the major hydrel projects in the state of Telangana serve as multi-purpose projects. In such projects, meeting the irrigation needs is of primary importance and generation of power is subject to meeting the irrigation needs. This coupled with bad monsoon has resulted in Hydrel failure in the FY 2015-16 wherein only a mere 367 MU was generated as against the commission approved value of 4038 MU. In the current year, the actual hydrel generation for 1st half was 621 MU as against the approved availability of 3841 MU for the year. In view of the above, the licensee has projected an availability of 1,400 MU for FY 2017-18.

In this regard, the projection for the ensuing year (FY 2017 - 18) has been considered to be similar to the availability during the current year (FY 2016-17).

The following table shows the station-wise projected availability for FY 16H2 and FY 17:

TSGenco&APGencoHydel (Energy Availability-MUs)			
Sl No.	Station Name	FY16 H2TS share	FY17 TS share
1	Machkund PH AP Share	23.94	60.33
2	Tungabhadra PH AP Share	4.74	26.74
3	USL	134.25	493.43
4	LSR	12.73	22.67
5	Donkarayi	17.80	24.84
6	SSLM (Right Bank)	5.62	8.59
7	NSRCPH	1.44	19.91
8	Mini hydel (Chettipeta)	4.25	8.87
9	PABM	11.90	64.18
10	Nagarjunasagar tail pond dam PH	120.67	472.40
11	NSPH	34.32	46.31
12	NSLCPH	28.32	151.73
Total		400	1400

*At present, in respect of Jurala project, MoU was entered with Karnataka, the Energy sharing is in the ratio of 50:50 between TS & Karnataka.

**In the Tariff Order FY 2016-17, the Hon'ble Commission has considered total generation of TSGENCO Hydel stations to the TSDISCOMS only. Based on this the Energy Availability of TSGENCO Hydel stations are 100% projected to TSDISCOMS only for FY 2017-18.

- c) **Central Generating Stations:** The energy availability for H2 of FY16-17 has been projected based on the actual performance up to September 2016 and projected performance estimated for H2 of FY 16-17. For FY 17-18, the energy availability has been projected based on the projected performance estimated by CGS and maintenance schedules of the plants.

The Kudigi Thermal Power Plant has total installed capacity of 2400MW. 9.75% Power i.e., 234 MW from the said Power Project was allocated by MoP, GoI to TSDISCOMS. As informed by NTPC, the scheduled COD of 1st unit (800MW) in Jan, 2017, scheduled COD of 2nd unit (800MW) in Aug, 2017 and the scheduled COD of 3rd unit (800MW) in Jan, 2018.

The total power availability estimate from CGS for FY16- 17 H2 and FY 17-18 is tabulated below:

Central Generating Stations (Energy Availability - MUs)			
Sl. No.	Station Name	2016-17 H2	2017-18
1	NTPC- RSTPS I & II	1339.34	2493.15
2	NTPC- RSTPS– III	286.22	629.50
3	NTPC –TALCHER-II	835.07	1586.03
4	NTPC- SIMHADRI Stage-I	1929.80	3801.99
5	NTPC- Simhadri Stage –II (Unit 3 &4)	824.51	1746.84
5	NLC TPS II STAGE- I	135.43	314.01
6	NLC TS II STAGE- II	314.25	579.94
7	NPC-MAPS	63.85	137.65
8	NPC-KAIGA 1 & 2	219.66	460.96
9	NPC- KAIGA 3 & 4	274.55	460.96
10	Vallur (JV) NTPC & TANGEDCO	379.73	754.54
11	NTPL (JV) NLC with TANGEDCO	525.20	1058.97
13	Kudigi	46.49	1026.52
TOTAL		7174.1	15051.1

- d) **APGPCL:** The projections for APGPCL – I and APGPCL – II are as shown below. The actuals till September, 2016 have been factored while estimating energy availability for FY 16-17 H2 and FY 17-18.

APGPCL Allocated Capacity (Energy Availability- MUs)			
S. No.	Station Name	FY16-17 H2	FY17-18
1	APGPCL I - Allocated capacity	9.09	19.99
2	APGPCL II - Allocated capacity	32.49	71.53
Total		41.58	91.52

- e) **IPPs (Existing):**
- (a) M/s.GVK Industries Limited PPA is expired on 19.06.2015. Hence, there is no energy availability for the FY 2016-17 and FY 2017-18.
- (b) The Power Purchase Agreement of M/s.Spectrum Power Generation Ltd. is expired on 18.04.2016. Hence, there is no energy in FY 2016-17 and FY 2017-18.
- (c) The Power Purchase Agreement of M/s.LANCO Kondapalli Power Limited is expired on 01.01.2016. Hence, in FY 2016-17 and FY 2017-18 there will be no energy availability.
- (d) M/s.Reliance Infrastructure Limited (BSES) PPA term will expire by 23.12.2017. However no energy is projected from this project for FY 16-17 and FY 2017-18

Old IPPs (Energy Availability-MU)			
S. No.	Station Name	FY16-17	FY17-18
1	GVK	0	0
2	Spectrum	0	0
3	LancoKondapalli (Gas)	0	0
4	Reliance	0	0
Total		0	0

- f) **IPPs (New):** The Natural gas supplies from RIL KG D-6 fields to the 4 Nos new IPPs (GVK EXtn, GMR Vemagiri, Konaseema and LKPL) was zero from 01.03.2013 onwards hence there is no generation **under Long Term PPA**. PPAs were not entered with the above new IPPs under scheme for utilization of stranded gas based power generation capacity i.e under e-bid RLNG Scheme (Phase-IV). Energy availability from the Merchant Power Plant viz., M/s. Pioneer Gas Power Plant under e-bid RLNG Scheme (Phase-IV) is as mentioned.

S.No	Name of the Project	FY 16 H2 (MU)
1	M/s. Pioneer Gas Power Plant	986.36

The generation from aforesaid project may vary, as M/s. Pioneer Gas Power Limited (388MW) have agreed to supply the power to TSDISCOMs suitable to the requirement of TSDISCOMs under rostering mechanism (which includes supply of power on non-RTC basis).

g) **Non-Conventional Energy (NCE) Sources:**

- i) **Biomass, Bagasse & Industrial Waste:** Actual H1 data of FY 2016-17 is considered for the projection of data for H2 of FY 2016-17 & FY 2017-18, FY 2018-19
- ii) **Municipal Solid Waste (MSW):** The energy in M/s. Hema Sri & M/s. Shalivahana are anticipated from April, 2017 onwards.
- iii) **Wind:** Actual H1 data of FY 2016-17 is considered for the projection of data for H2 of FY 2016-17. For FY 2017-18.

iv) **Solar:**A CUF of 19% considered for calculation of Energy for H2 of FY 2016-17, FY 2017-18.

- **Solar Bid 2012, Open Offer & Solar bid 2014:** All the projects selected under Solar bid 2012 and Open Offer and not synchronized to grid are expected to commissioned by 31.12.2016.
- **Bid 2015:** Solar projects selected under solar bid 2015 are expected to be commissioned within 12 months & 15 months from the date of PPA whose evacuation voltage levels are at 33 KV & 132 KV respectively.
- **NTPC & NVVL Bundled Power:** The actual energy was considered for projection.

The Discom-wise energy availability projections for FY16-17 H2 from various NCE sources is as summarized in the following table:

S. No.	Station Name	SPDCL (MU)	NPDCL (MU)	Total (MU) (Type-wise)
1	NCE - Bio-Mass	27.03	49.33	76.36
2	NCE – Bagasse	0.00	0.01	0.01
3	NCE - Municipal Waste to Energy	0.00	0.00	0.00
4	NCE - Industrial Waste based power project	3.68	0.00	3.68
5	NCE - Wind Power	118.65	0.00	118.65
6	NCE - Mini Hydel	0.00	0.00	0.00
7	NCE - NCL Energy Ltd	0.00	0.00	0.00
8	NCE – Solar Power	524.52	62.51	587.03
Total Availability (Discom-wise)		673.88	111.85	785.73

The Discom-wise energy availability projections for FY2017-18 from various NCE sources is as mentioned below:

S. No.	Station Name	TSSPDCL	TSNPDCL	Total (Type-wise)
1	NCE - Bio-Mass	56.52	95.22	151.74
2	NCE – Bagasse	0.40	1.57	1.97
3	Municipal Waste Energy	64.57	61.50	126.07
4	NCE - Industrial Waste based power project	5.52	0.00	5.52
5	NCE - Wind Power	397.75	0.00	397.75

S. No.	Station Name	TSSPDCL	TSNPDCL	Total (Type-wise)
6	NCE - Mini Hydel	0.00	0.00	0.00
7	NCE - NCL Energy Ltd	0.00	0.00	0.00
8	NCE – Solar Power	2745.87	1397.89	4143.76
Total Availability(Discom-wise)		3270.63	1556.18	4826.81

- h) Long Term/Medium Term Purchases: The licensees have signed a Power Purchase Agreement with M/s. Thermal Power Tech Corporation India Limited (TPCIL) for a contracted capacity of 500 MW under long term basis through Case-I bidding route for a period of 25 years. Consequent to bifurcation of the state TSDISCOMs will have 53.89% of share i.e 269.45MW. TPCIL is supplying the above power from 20.04.2015 and the energy availability projected from this plant is 1000.41 MU for FY 2016-17 (H2 Projection) and 1875.913 MU for FY 2017-18.

Also the licensees have signed a Power Purchase Agreement with M/s. Thermal Powertech Corporation India Limited (TPCIL) for a contracted capacity of 570 MW under long term DBFOO basis for a period of 8 years. TPCIL is supplying the above power from 30.03.2016 and the energy availability from this plant is 2240.78 MU for FY 2016-17 (H2 Projection) and 3968.345 MU for FY 2017-18.

- i) **Singareni Thermal Power Project:** Energy availability of 3179.68 MU and 7778.8MU has been considered from Singareni Thermal Power Plant for H2 of FY 2016-17 and FY 2017-18 respectively. The entire energy available from Singareni Thermal Power Plant may be considered for TS DISCOMs only
- j) **Summary:** A summary of the source wise current estimate of dispatch for FY2016-17 H2 and FY2017-18 is presented below

Generating Station	Net Energy Availability (MU)	
	FY2016-17 H2	FY2017-18
TS & AP Genco - Thermal	10632.27	21468.8
TS & AP Genco - Hydel	400	1400
CGS	7174.21	15050
NCE	953.91	5163
IPPs	0	0

Generating Station	Net Energy Availability (MU)	
	FY2016-17 H2	FY2017-18
APGPCL	41.58	92
Singareni	3179.68	7778.9
Thermal Power Tech	2941.43	5844.3
CSPGCL	0	6482.4
Total	25323.08	63279

Power Purchase Quantum & Procurement Cost

TSGenco&APGenco

The annual fixed costs for all TS & AP GENCO stations for H2 of FY 16& FY 2017-18 have been considered provisionally as per the projections given by TSGENCO and APGENCO. The total fixed costs for all the TS & AP GENCO Thermal and Hydel stations including both existing and new stations is Rs. 2082.36 Crs for H2 of FY 16 and Rs. 4777.53 Crs for FY 17. The fixed costs for all TS & APGENCO Thermal and Hydel stations have been tabulated below:

TSGenco&APGenco	Fixed Costs for FY16H2 (Rs.Cr.)	Fixed Costs for FY17 (Rs.Cr.)
Dr NTPPS I	58.92	120.98
Dr NTPPS II	58.92	120.98
Dr NTPPS III	58.92	120.98
VTPS-IV	117.37	246.09
RTPP I	72.13	146.27
RTPP Stage-II	114.52	223.29
RTPP-III	76.76	149.23
KTPS A	47.39	100.813
KTPS B	47.39	100.813
KTPS C	47.39	100.813
KTPS V	71.80	168.13
KTPS-VI	152.39	304.214
RTS B	13.45	27.505
Kakatiya Thermal Power Plant Stage I	157.61	304.09
Kakatiya Thermal Power Plant Stage II	467.60	1058.95
TOTAL THERMAL	1557.18	3293.15
MACHKUND PH AP Share	7.96	16.53
TUNGBHADRA PH AP Share	5.43	11.33
SSLM LCPH	238.70	481.37
NSPH	93.97	241.93
NSLCPH	6.92	17.8
POCHAMPAD Stage II	3.50	8.82
Small Hydel	16.86	36.81

TSGenco&APGenco	Fixed Costs for FY16H2 (Rs.Cr.)	Fixed Costs for FY17 (Rs.Cr.)
(SINGUR+Nizamsagar+pochampad I)		
MINI HYDRO&OTHERS (Palair+Peddapalli)	2.77	9.05
Priyadarshini Jurala Hydro Electric Project	30.93	63.96
Lower jurala HES	107.48	395.23
Pulichinthal	10.68	130.65
TOTAL HYDRO	525.18	1413.48
TOTAL TS & APGENCO	2082.36	4706.63

5.1.1.3 The average variable cost for H1 of 2016-17 is considered for H2 of 2016-17 or as provided by the generators whichever is lower for TS GENCO Stations. For FY 2017-18, an escalation of 2% over average variable cost of H1 or as provided by generator whichever is lower is considered for TSGENCO Stations. Similarly for APGENCO stations the per unit average variable cost for H1 of FY 2016-17 is considered for H2 of 2016-17 or as provided by generators whichever is lower and for FY 2017-18 an escalation of 2% over FY 16-17 H1 variable cost or as projected by APGENCO whichever is lower. The station-wise variable rates that have been adopted for TS & APGENCO Thermal plants for FY 16 H2 and for FY 17 are as follows:

Station	Variable rate (Rs./kWh)	
	FY16-17H2	FY17-18
VTPS (I, II, III)	3.20	3.26
VTPS-IV	3.02	2.99
RTPP-I	3.79	3.63
RTPP-II	3.14	3.20
RTPP-III	3.79	3.63
KTPS (A, B, C)	2.80	2.50
KTPS- V	2.13	2.17
KTPS-VI	2.83	2.50
RTS- B	3.32	3.39
KTPP-I	2.67	2.50
KTPP-II	2.65	2.50

5.1.1.4 The incentives for TS & AP GENCO thermal stations are calculated based on APERC Regulation No 1 of 2008, at a flat rate of 25 paisa/kWh for ex-bus scheduled energy corresponding to scheduled generation in excess of ex-bus energy

corresponding to target Plant Load Factor. However for the purpose of projection, the licensee has projected availability at normative PLF of 80%.

The licensee has considered a cost of Rs 332 crs in FY 2016-17 towards interest on pension bonds. Additional Interest on pension bonds projected for FY 2017-18 as per the claim made by TSGENCO and APGENCO is Rs 660 crs.

Central Generating Stations (CGS):

- a) **NTPC-Talcher-II (2000 MW)**: CERC had issued Tariff Regulation for F.Y 2014-19 i.e for 5years on 21.02.2014. CERC has not finalized the individual Tariff orders of interstate generators for F.Y 2014-19. Due to non-availability of CERC orders for F.Y 2014 -19, the annual fixed charges for F.Y.2016 and 2017 were considered based on the approval of CERC orders of FY 13-14. . As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014, Fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 16 H2 and FY 17 in case of Talcher-II. TS has a firm share from Talcher-II. The total variable charges for each month of FY 16 H2 and FY 17 are projected based on the variable charges per unit already paid during the monthly Energy Bill of August'16.
- b) **NTPC (SR) RSTPS Stage-I&II (2100 MW)**: CERC had issued Tariff Regulation for F.Y 2014-19 i.e. for 5years on 21.02.2014. CERC has not finalized the individual Tariff orders of interstate generators for F.Y 2014-19. Due to non-availability of CERC orders for F.Y 2014 -19, the annual fixed charges for F.Y.2016 and 2017 were considered based on the approval of CERC orders of FY 13-14. As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014, Fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the

ARR for FY 16 H2 and FY 17 in case of RSTPS I&II. TS has a firm share from RSTPS I&-II. The total variable charges for each month of FY 16 H2 and FY 17 are projected based on the variable charges per unit already paid during the monthly Energy Bill of August'16.

- c) **NTPC (SR) RSTPS Stage-III (500 MW)**: CERC had issued Tariff Regulation for F.Y 2014-19 i.e. for 5years on 21.02.2014. CERC has not finalized the individual Tariff orders of interstate generators for F.Y 2014-19. Due to non-availability of CERC orders for F.Y 2014 -19, the annual fixed charges for F.Y.2016 and 2017 were considered based on the approval of CERC orders of FY 13-14. . As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014, Fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 16 H2 and FY 17 in case of RSTPS III. TS has a firm share from RSTPS I-II. The total variable charges for each month of FY 15 H2 and FY 16 are projected based on the variable charges per unit already paid during the monthly Energy Bill of August'16.
- d) **NTPC Simhadri Stage-I (1000 MW)**: As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and CERC orders fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 16 H2 and FY 17 in case of NTPC Simhadri-I. TS has a firm share from NTPC Simhadri-I. The total variable charges for each month of FY 16 H2 and FY 17 are projected based on the variable charges per unit already paid during the monthly Energy Bill of August'16.
- e) **NLC TPS II (1470 MW)**: CERC had issued Tariff Regulation for F.Y 2014-19 i.e for 5years on 21.02.2014. CERC has not finalized the individual orders of

inter state generators for F.Y 2014-19. Due to non-availability of CERC orders for F.Y 2014 -19 , the annual fixed charges for F.Y.2016 and 2017 were considered based on the approval of CERC orders of FY 13-14. . As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014, Fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 16 H2 and FY 17 in case of NLC TPS-II. TS has a firm share from NLC TPS-II. The total variable charges for each month of FY 16 H2 and FY 17 are projected based on the per unit cost projections given by Generator.

- f) **NLC Stage –I (630 MW)**: For the TS DISCOMs share of 9.340 % of 630 MW, the payable fixed charges and also lignite cost for the Control Period 2009-14 was determined by CERC in its final orders of NLC TPS-II. (Stage-I).
- g) **NLC Stage –II (840 MW)**: For the TS DISCOMs share of 12.58 % of 840 MW, the payable fixed charges and also lignite cost for the Control Period 2009-14 was determined by CERC in its final orders of NLC TPS-II. (Stage-II).
- h) **Madras Atomic Power Stations (MAPS) (440 MW)**: The Department of Atomic Energy (Power Section) under the Government of India, notified the tariff for supply of power from MAPS vide ‘Tariff Notification ‘dated 22.09.2006. The share of TS in MAPS is 5.10%. The payable charges to MAPS to the extent of TS allocation are computed based on the tariff determination of Department of Atomic Energy Commission.
- i) **Kaiga Atomic Power Station 1&2 (440 MW) and 3&4 (440MW)**: The TS share from Kaiga 1 & 2 is 15.72% and it is 16.70% in case of Kaiga 3 &4. The payable charges to Kaiga 1&2 and Kaiga 3&4 were computed based on the single part tariff which was approved by DAE.
- j) **NTPC-Simhadri II (1000 MW)**: As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and CERC provisional orders Fixed charges and incentive are separate which are to be

computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 16 H2 and FY 17 in case of NTPC Simhadri-II. TS has a firm share from NTPC Simhadri-II. The total variable charges for each month of FY 16 H2 and FY 17 are projected based on the variable charges per unit already paid during the monthly Energy Bill of Aug'16.

- k) **Vallur Thermal JV Power Project (NTPC & TANGEDCO)**: CERC had issued Tariff Regulation for F.Y 2014-19 i.e for 5years on 21.02.2014. CERC is not finalized the individual orders of inter state generators for F.Y 2014-19. Due to non-availability of CERC orders for F.Y 2014 -19 , the annual fixed charges for F.Y.2016 and 2017 were considered based on the approval of CERC orders of FY 13-14. As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014, Fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 16 H2 and FY 17 in case of NTECL Valluru-II. TS has a firm share from NTECL Valluru . The total variable charges for each month of FY 16 H2 and FY 17 are projected based on the variable charges per unit already paid during the monthly Energy Bill of August'16.
- l) **NTPL (Tuticorin) JV Power Project (NLC & TANGEDCO)**: As per the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and CERC provisional orders Fixed charges and incentive are separate which are to be computed in every month based on the formulae provided in the Regulations. Based on the availability projections, the fixed charges and payable incentives are mentioned in the ARR for FY 16 H2 and FY 17 in case of NTPL. TS has a firm share from NTPL. . The total variable charges for each month of FY 16 H2 and FY 17 are projected based on the per unit cost projections given by Generator.

- m) **Bundled Power from NTPC(ER) Stations under JNNSM**: Presently, NVVNL has been issuing the availability declarations to TS DISCOMs from NTPC(SR) stations to TS against commissioning of solar power in TS under JNNSM Policy. The available energy was considered based on the solar power at an availability of 20% PLF to the total installed capacity of 85 MWs and 85MWs for unallocated power from NVVNL at availability PLF of 85%.
- n) **Bundled Power from NTPC(ER) Stations under JNNSM**: Presently, NVVNL has been issuing the availability declarations to TS DISCOMs from NTPC(SR) stations to TS against commissioning of solar power in TS under JNNSM Policy. The available energy was considered based on the solar power at an availability of 20% PLF to the total installed capacity of 85 MWs and 85MWs for unallocated power from NVVNL at availability PLF of 85%.
- o) **PGCIL/CTU Charges, POSOCO Charges & ULDC Charges**: TSDISCOMs have been making the payments in every month towards utilization of Inter-State Transmission Charges based on the determination of POC rates applicable to TS in every quarter. Further, POSOCO (SRLDC) charges as well ULDC charges are separately being paid to SRLDC & PGCIL respectively based on the fixed charges determined by CERC for a period of 5 years. In case of PGCIL, as per the regulations, PGCIL has been recovering the full fixed charges through POC rates duly considering the orders of CERC and also subject to reconcile the entire amounts on pro-rata basis of payments in every quarter and if recovery of fixed charges are made lesser or higher side by PGCIL in every month. Presently, the projection of fixed charges of PGCIL, POSOCO & ULDC was projected for FY H2 16 and FY 17 based on the Oct'16 monthly bill.
- p) **NTPC-Kudgi**: As informed by NTPC, the estimated total cost per unit is Rs 4.20 (Fixed Cost of Rs 2.31 and Variable Cost of Rs is 1.89). A petition was filed before Hon'ble CERC for determination of tariff based on the capital cost. For the period between the achievements of COD and determination

of tariff by CERC, the Company will raise bills based on the provisional tariff and reconciliation will be done after finalization of tariff by CERC.

APGPCL

The power purchase cost incurred by TSDISCOMs for procurement from APGPCL for FY 16-17(H2) and FY 17-18 is as per the projections given by APGPCL:

Cost components for FY16-17 H2 and FY17-18		
Stage-I	FY 16-17 H2	FY 17-18
Fixed cost (Rs.in crore)	1.21	0.75
Variable cost (Rs./kWh)	2.84	2.33
Stage -II	FY 16-17 H2	FY 17-18
Fixed cost (Rs. in crore)	2.07	3.04
Variable cost (Rs./kWh)	2.33	2.08

The calculations were done on the basis of availability of 0.65 MSCMD of Natural Gas with the usage of part load i.e., about 172 MW (out of 272 MW). Stage- I is not operated due to shortage of Natural Gas.

During Financial Year 2015-2016, Natural Gas dollar rate had been increased from US \$ 62.00 to 67.00 and Fixed Cost also increased due to non supply of natural gas due to gas pipe line blast at Nagaram Village, East Godavari Dist on 27.06.2014 APGPCL plants were totally closed for about four and half months and also due to application of rostering system for supply of gas by GAIL i.e. (15 days gas supply to APGPCL and 15 days to LANCO in a month).

The following table showing the reasons to increase/Decrease the Variable cost and Fixed cost from October, 2016 to March, 2018.

Sl. No.	PARTICULARS	2016-2017 [from October,2016 to March, 2017]	During Financial Year 2017-2018
1	Gas Availability in SCMD	6,50,000	6,50,000
2	Gas Rate - per MMBTU	\$2.50	\$2.50
3	Exchange Dollar Rate [\$]	66.94	66.94
4	Variable Cost Unit Rate : Rs.		
	Stage-I (Average Yearly)	2.50 [2.37]	2.34
	Stage-II (Average Yearly)	2.18 [2.09]	2.09
5	Fixed Cost Unit Rate Rs.		

Stage-I (Average Yearly)	1.15 [1.37]	0.38
Stage-II (Average Yearly)	0.55 [0.64]	0.43

As plants are running with part load, the gas consumption i.e SFC (Specific Fuel Consumption) is also more which is contributing for increase in the variable cost and fixed cost. In view of the above, The fixed cost increased during financial year 2016-2017 compared to financial year 2017-2018 due to overhauls will be taken place during this financial year.

New IPPs

The Natural gas supplies from RIL KG D-6 fields to the new IPPs zero from 01.03.2013 onwards hence there is no generation **under long term PPA**. The PPAs were not entered with the above new IPPs under scheme for utilization of stranded gas based power generation capacity i.e under e-bid RLNG Scheme(Phase-IV). The projected power purchase cost from M/s. Pioneer Gas Power Plant is as mentioned below:

S.No	Merchant Plant	FY 16-17 H2 (Rs. in Crs)
1	M/s. Pioneer Gas Power Plant	463.59

For arriving the projected power purchase cost, unit rate of Rs.4.70/- is taken as per the PPA is entered under phase – IV of the e-bid RLNG scheme for the period from 01.10.2016 to 31.03.2017.

In regular long term PPA, the tariff is two part tariff i.e., Fixed and Variable cost. Where in during the operation of e-bid RLNG scheme, the targeted tariff fixed for TSDISCOMs by MoP is Rs. 4.70 per unit.

Non-ConventionalEnergy(NCE) Sources:

TSERC has to determine tariff for M/s. ShalivahanaProjets a MSW based power plant. TSERC yet to determine tariff for Wind projects after conclusion of Wind Power Policy.

The total weighted average cost of each of the NCEs is shown in the table below:

Project Type	Weighted average Cost Considered for FY17-18 (Rs./ kWh)
NCE – Bio-mass	5.86
NCE – Bagasse	4.19
NCE – Municipal Waste to Energy	7.23
NCE – Industrial Waste based power project	6.01
NCE – Wind Power	4.70
NCE – Mini Hydel	0.00
NCE – NCL Energy Ltd.	0.00
NCE – Solar Power	5.84

Bilateral Purchases

Month-wise shortfall has been estimated based on the availability and requirement. A part of this deficit would be met from external sources such as power traders and power exchange. The estimated purchases from such external sources are estimated to be 628 MU for FY 16-17 H2.

Long Term

The licensees have considered the costs as per the prices quoted by the bidders in the Long term bidding process

Singareni Thermal Power Project

As per its filing of Capital Cost/Tariff of 1200 MW (2 X 600 MW) project, SCCL has considered an IDC cost of Rs 407Cr which is substantial. It is the submission of the licensee that the consumers in the state should not be saddled with the IDC component which is due to the project execution delays. Further there is scope of interest cost reduction through negotiations with the funding agencies. Keeping this in view, the licensee has considered a fixed cost per unit of Rs 2.15/KWh for FY 2017-18.

As SCCL is a pit head station, there is a good scope of decreasing the transit losses in coal. The licensee has considered a variable cost per unit of Rs.1.80/KWh for FY 2017-18.

Summary of Energy Requirement

Based on the availability shown above and the energy requirement from all the DISCOMs, the actual energy to be purchased Discom-wise has been projected as follows:

TSDiscom	FY16-17 H2	FY17-18
	MU	MU
TSSPDCL	17823.4	38,432.93
TSNPDCL	7802.07	16,323.11
Total	25,625.46	54,756.05

The above energy requirement of the licensees has been arrived at by grossing up the sales of the licensee sales with appropriate transmission and distribution losses. The external loss on the power purchased from CGS only has also been factored in the above energy requirement.

Summary of power purchase for current year and ensuing year

Based on the availability, requirement and costs for each source, the summary of revised power purchase cost for the State for FY 2016 – 17 is projected as follows:

Source	FY2016-17 (H1 Actual & H2 Projected)				
	Power Purchase (MU)	Fixed Cost Rs.Crs.	Variable Cost Rs.Crs.	Other Cost RsCrs	Total Cost RsCrs
TS & APGenco – Thermal	19650	3114	5773	352	9240
TS & APGenco – Hydel	1021	1050	0.00	0.00	1050
CGS	13654	1223	3286	9.20	4518
NCE	1635	35	937	0.00	972
IPPs	39	0	18	88	106
APGPCL	68	5	16	0.00	21
Thermal Tech	5809	1307	1001	0.00	2308
Singareni	3606	765	778	52.92	1596
Market Purchase	4654	7	2758	0.00	2765
Total	50136	7506	14568	502	22577

Based on the availability, requirement and costs for each source, the summary of power purchase cost for the State for FY 17 is projected as follows:

Source	FY2017-18 (Projected)				
	Power Purchase (MU)	Fixed Cost Rs.Crs.	Variable Cost Rs.Crs.	Other Cost RsCrs	Total Cost RsCrs
TS & APGenco - Thermal	14,410	3293	3741	356	7389
TS & APGenco - Hydel	1400	1413	0.00	0.00	1413
CGS	13586	1493	3153	0.18	4646
NCE	5163	68	2843	0.00	2911
IPPs	0.00	0.00	0.00	0.00	0.00
APGPCL	92	4	19.52	0.00	23.31

Source	FY2017-18 (Projected)				
	Power Purchase (MU)	Fixed Cost Rs.Crs.	Variable Cost Rs.Crs.	Other Cost RsCrs	Total Cost RsCrs
Thermal Tech	5844	1361	1076.8	0.00	2437.9
Singareni	7779	1672	1400	0.00	3073
CSPGCL	6482	1750	778	0.00	2528
Total	54,756	11055	13010	356	24421

5. Expenditure Projections

5.1 Power Purchase and Procurement Cost

As per the sales forecast and projected losses, TSNPDCL would require 14,700 MU for 2016-17 and 16,323 MU for 2017-18 for sale of power to various categories aggregated by energy losses and the cost of this energy would be Rs.6,531 Cr. and Rs.7326.43 Cr. respectively after considering net of Pool transactions.

Details	2016-17	2017-18
Power Purchase (MU)	14,700.20	16,323.11
Power Purchase / Procurement Cost (Rs. Cr.)	6,601.55	7,326.43

5.2 Transmission Cost

The licensee has adopted the Transmission capacity contracted and rate of Transmission charges per MW per month as per the MYT Order issued by the Hon'ble Commission for the 3rd control period. Accordingly, the Transmission charges are expected for 2016-17 and 2017-18 are Rs. 432.89 Cr. and Rs.472.27 Cr.

5.3 PGCIL & ULDC Charges

Based on the H1 actuals of FY 2016-17, the PGCIL and ULDC costs has been estimated for entire current year of FY 2016-17 and ensuing year FY 2017-18. The details of the PGCIL & ULDC charges are as shown in the table below:

Details	2016-17	2017-18
PGCIL Charges	246.18	372.48
ULDC Charges	2.69	3.32

Details	2016-17	2017-18
PGCIL & ULDC Charges	248.87	375.81

5.4 SLDC Charges

SLDC charges are calculated for the years 2016-17 and 2017-18 at the rate and Transmission capacity contracted, as given in the MYT Order issued by the Hon'ble Commission for the 3rd control period. The charges are expected to be Rs.12.05 Cr. for 2016-17 and Rs.13.04 Cr for 2017-18.

Details	2016-17	2017-18
Capacity Contracted (MW)	3948.61	4126.68
Annual Fee Rs. / MW / Year	3533.18	3995.39
Operating Charges Rs. / MW / Month	2247.62	2300.31
SLDC Charges (Rs. Cr.)	12.05	13.04

5.5 Distribution Cost

The licensee has adopted the Distribution cost for FY 2016-17 and FY 2017-18 as approved by the Hon TSERC in its tariff Order dated 27th Mar, 2015 for 3rd MYT control period (FY 2014-15 to 2018-19).

The distribution costs for 2016-17 and 2017-18 are Rs 1,390 Crores and Rs 1,633 Crores respectively.

Details (Rs. In Crores)	2016-17	2017-18
Return on Capital Employed	267.65	328.59
O&M Expenses	955.05	1104.00
Depreciation	311.59	372.40
Taxes on Income	9.36	9.56
Special Appropriation for Safety measures	65.12	68.41
Other Expenditure	1.38	1.45
Gross ARR	1610.15	1884.41
<i>Less: O&M Expenses Capitalized</i>	72.41	77.72
Less: Non-Tariff Income	147.57	173.76
Net ARR of TSNPDCL	1390.17	1632.93

5.6 Interest on Consumer Security Deposits

The licensee has adopted 6.75% p.a. as interest rate which is prevailing bank rate of RBI on security deposit for FY 2016-17 and FY 2017-18 in these filings. The interest on consumer

security deposit for 2016-17 is estimated at Rs.41.91 Cr. and Rs.46.52 Cr. for 2017-18.

Details (Rs. Cr.)	2016-17	2017-18
Opening Balance	587.64	654.19
Additions during the Year	66.55	69.87
Closing Balance	654.19	724.06
Average Balance	620.92	689.13
Interest @ % p.a.	6.75%	6.75%
Interest Cost	41.91	46.52

5.7 Supply Margin in Retail Supply Business

The licensee has adopted 2% on equity portion of approved regulatory rate bass (RRB) in MYT order for the third control period (FY 2014-15 to 2018-19) as Supply Margin in Retail Supply Business for FY 2016-17 and FY 2017-18.

Details (Rs. Cr.)	2016-17	2017-18
Approved RRB by the Hon'ble Commission	2,141	2629
Equity portion (25% of RRB)	535	657
Supply Margin in Retail Supply Business	10.71	13.14

5.8 Other Cost

The licensee has proposed reactive power charges payable to southern grid, wheeling charges payable to other states and assets maintenance charges to SRPC under this head.

Details (Rs. Crores)	2015-16	2016-17	2017-18
	Actuals	Projection	
Reactive charges	1.16	1.16	1.16
Assets Maintenance charges	0.08	0.08	0.08
Wheeling charges KPTCL	1.15	1.15	1.15
Others	3.30	3.30	3.30
Conjestion charges	0.06	0.06	0.06
Other Costs	5.75	5.75	5.75

5.9 Aggregate Revenue Requirement for Retail Supply Business

The Aggregate Revenue Requirement for the Retail Supply Business is provided below for years 2016-17 and 2017-18.

Details (Rs. Cr.)	2016-17	2017-18
Transmission Cost	432.89	472.27
SLDC Cost	12.05	13.04
Distribution Cost	1,390.17	1,632.93
PGCIL & ULDC charges (Rs. Cr.)	248.87	375.81
Network and SLDC Cost	2,083.98	2,494.05
Power Purchase / Procurement Cost (Net)	6,601.55	7,326.43
Interest on Consumer Security Deposits	41.91	46.52
Supply Margin in Retail Supply Business	10.71	13.14
Other Costs, if any	5.75	5.75
Supply Related Cost	6,659.92	7,391.84
Aggregate Revenue Requirement	8,743.89	9,885.89

6. Cost of Service:

6.1 Introduction

This report presents the estimated cost of service for various consumer categories of the Northern Power Distribution Company of Telangana Limited (TSNPDCL), for the year starting on April 1, 2017 and ending on March 31, 2018. The objective of this report is to classify the costs into demand; energy and customer related components and then apportion the same to various customer categories.

The steps involved in the analysis are:

- Forecasting the energy and peak demand requirements for the power system in the year under consideration;
- Forecasting the energy and peak demand requirements at the transmission-distribution interface in that year;
- Estimating the energy and peak demand requirements for each customer category for that year;
- Estimating the costs of providing the energy and peak demand required for each customer category; and
- Classifying and allocating the above costs to various consumer categories of TSNPDCL at the retail level.

(This space is intentionally left blank)

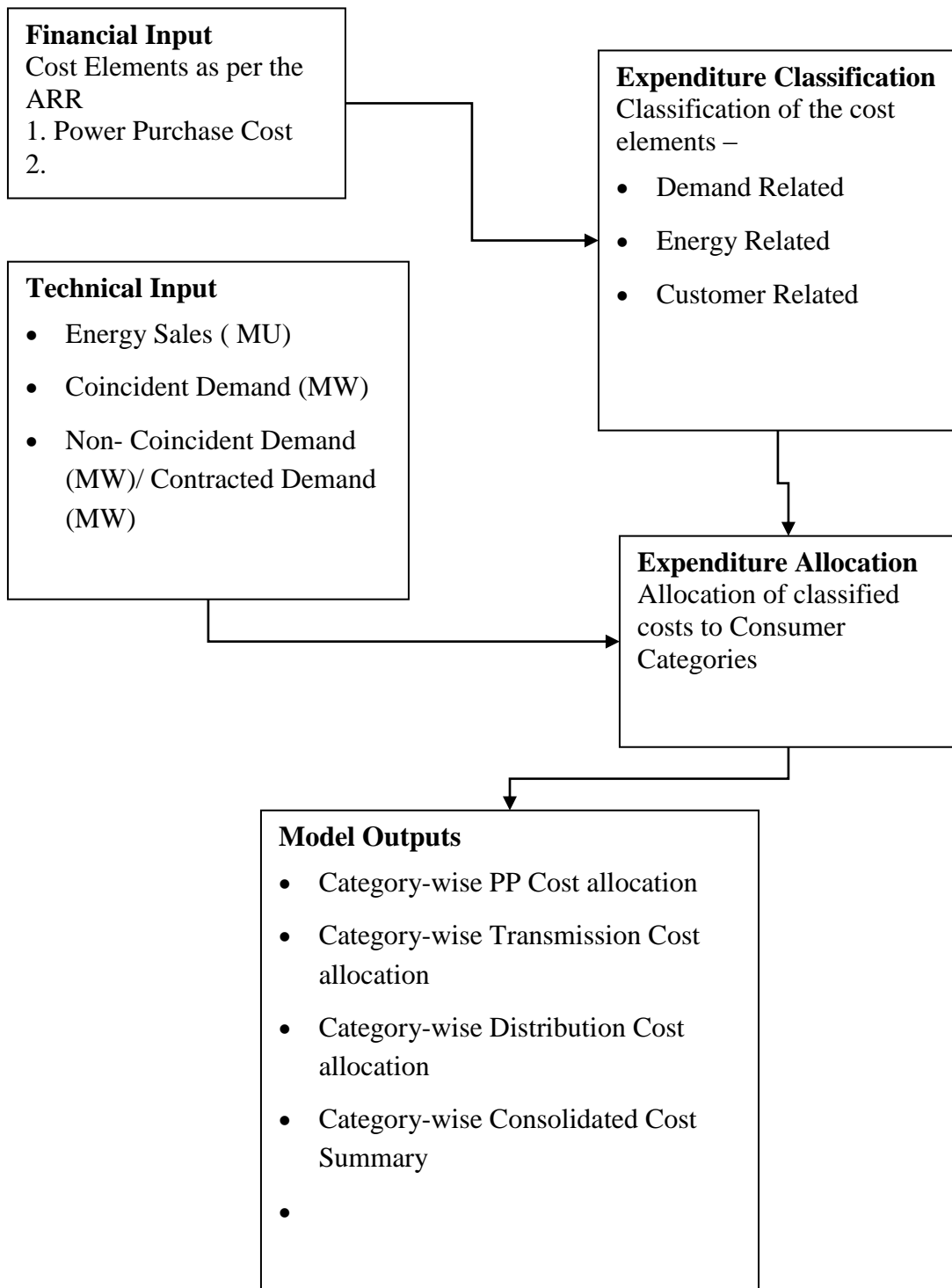
6.2 COST OF SERVICE MODEL FOR TSNPDCL

The cost of service calculations are based on the cost of service model developed for TSNPDCL. The model, as currently used, calculates the cost of serving all customers categories of TSNPDCL.

All financial input into the model is as per the ARR for the year 2017-18, including revenue, and expenditure data.

The following section gives a brief overview of the Cost of Service model developed for TSNPDCL

(This space is intentionally left blank)



Financial Input Sheet

This forms the base for the income and expenses data for the TSNPDCL. The values are as per the ARR for the year 2017-18.

Technical Input Sheet

This part includes the system data required for the cost of service calculation. The energy and losses in the system are included along with the data regarding the customers responsible for the corresponding sales and losses. The percentage loss quoted is the loss in the distribution system and hence accounts for the energy that is unavailable for sale to the retail customers.

TSNPDCL customers are segregated into LT and HT customers which includes EHT (220 kV and 132 kV), Sub-transmission (33kV) and distribution (11kV and LV). The EHT customers are included as TSNPDCL customers, even though they may be connected at 220 kV or 132 kV. In this study, technical losses experienced in EHT system are covered by EHT, 33kV, 11kV and L.T loads. Hence they need to be apportioned to all loads in the system.

The HT customer categories in the TSNPDCL system are;

HT Customers

- Industrial – Cat- I (11KV, 33KV and 220/132 KV)
- HT Others – Cat- II (11KV, 33KV and 220/132 KV)
- Irrigation and Agriculture – Cat-IV (11KV, 33KV and 220/132KV)
- Railway Traction – Cat V (132KV)
- Colony Consumption Cat – VI (11KV, 33 KV&132 KV)
- RESCOs (11KV)

The LT customer categories in the TSNPDCL system are;

LT Customers

- Domestic – category I
- Non-domestic – category II
- Industrial – category III
- Cottage industries – category IV
- Irrigation and Agriculture – category V
- Public lighting – category VI
- General purpose – category VII
- Temporary – category VIII

Energy Sales in MU, Non- coincident demand and coincident demand data is entered for the above customer categories

The coincident demand is the estimated contribution of each category to the system peak demand and the non-coincident demand has been estimated from system load shapes derived and represents the peak demand of each customer category, irrespective of the time of day. Values used in this analysis are shown in Table 2-1.

Table 2-1

Coincident Factors and Load Factors used	Coincidence Factor	Class Load Factor	
L.T Customers	Average Peak		
Domestic Category – Category – I	80%	97%	
Non-Domestic – Category – II	74%	87%	
Industrial – Category – III	82%	87%	
Cottage Industries – Category IV	82%	87%	
Irrigation and Agriculture – Category V	85%	90%	
Public Lighting – Category VI	48%	41%	
General Purpose – Category VII	76%	97%	
Temporary – Category VIII	76%	97%	
H.T Consumers			
Industrial– Category I	11KV	83%	88%
	33KV	92%	89%
	220/132 KV	88%	100%
HT Others – Category II	11KV	77%	72%
	33KV	72%	74%
	220/132 KV	64%	70%
Irrigation and Agriculture – Category IV	11KV	96%	100%
	33KV	98%	100%
	220/132 KV	76%	97%
Railway Traction – Category – V (132KV)	81%	87%	
RESCOs Cat - 11KV	87%	89%	
Colony Consumption Cate-VI – 11KV	75%	77%	
Colony Consumption Cate-VI – 33KV	75%	76%	
Colony Consumption Cate-VI – 132KV	75%	75%	

The DISCOM peak demands, both coincident and non-coincident are estimated using basic load shape synthesis model. Load shapes of different categories of consumers are constructed based on the Load Shapes data collected from the field. The following tabulation provides a derivation of the coincident peak demand, along with the assumptions for TSNPDCL used in that derivation:

TSNPDCL	Energy (MU)	Average Coincident Demand (MW)
Sales	13,866	1,797
Loss as % of input	10.39 %	14.66%
Losses	1,608	309
Sub Total	15,474	2,106

The load factor and coincidence factor included in the Model for each category are assumed based on a review of the characteristics of the loads and load mix in TSNPDCL. One of the key assumptions is on the assessment of the timing of the system peak in the test year and this has a significant bearing on the coincidence factor for each of the customers. Recent data indicate that:

- The system peak demand of TSNPDCL is occurring during Morning hours due to Agricultural loads.
- During the morning peak occurrence , the coincidence factor of agriculture is 100% and the same is reduced to zero at the time of evening peak

Based on above considerations, it is felt that average demand method would be suitable for allocation of costs to consumer categories since it allocates the cost equitably on all consumer categories based on morning and evening peak loads. In the average demand method, as the name suggests, average of coincident morning peak and coincident evening peak is taken. In the model there is provision to calculate the cost based on the coincident morning peak, evening peak and average. The current option selected in the model is the average method.

Expenditure Functionalization

The new model is developed keeping in view the unbundled nature of the power sector, hence the expenditure pertaining to NPDCL is taken as per the ARR in the financial input sheet.

-
- Power Purchase Cost
 - Transmission & SLDC Charges
 - Repairs and maintenance
 - Employee costs
 - Administration and general expenses
 - Depreciation
 - Interest and financial charges
 - Other expenses
-

Expenditure Classification

This section classifies the expenditure into demand, energy and customer related items.

The options with respect to classification are;

-
- Demand
 - Energy
 - 80% Demand , 20% Customer
 - Customer
 - Manual entry
-

The fixed costs in the power purchase are treated as demand related expense and the variable cost of power purchase is treated as energy related expense.

Entire transmission cost is considered to be a demand related expense. The O & M expenditure in distribution is classified into demand and customer related in the ratio of 80:20. The same has been arrived at based on subjective judgement, as it is felt that some portion of the assets and employee expenses are used for catering to the needs of the customer such as customer service/call centers. The other cost elements in distribution viz ROCE, depreciation and other costs have been fully considered under demand related costs.

Expenditure Allocation

The expenditures which have been classified into demand, energy and consumer related are apportioned to the individual customer categories.

Power Purchase Cost Allocation:

Demand related costs of Power Purchase are primarily driven by the system peak. Hence they are allocated to customer categories based on the Coincident Demand. Energy costs in Power Purchase are allocated based on the loss-adjusted category energy consumption.

Transmission Cost Allocation:

The transmission costs (including PGCIL and ULDC) are considered as demand related cost and the same is allocated to LT categories based on Non-coincident demand and contracted demand (CMD) for HT categories

Distribution Cost Allocation:

a) Operation and Maintenance Expenditure

The demand related portion of O & M expenses are allocated to LT consumer categories based on non -coincident demand and contracted demand (CMD) for the HT consumer categories.

The customer related costs are allocated to customer categories based on the number of customers in each category.

b) ROCE

Return on capital employed is driven by assets and it is fully considered as demand related expense. ROCE is allocated to LT consumer categories based on non -coincident demand and contracted capacity for the HT consumer categories.

c) Depreciation

Depreciation expense is driven by the level of fixed assets in the utility and is entirely considered under demand related expenses. Depreciation is allocated to LT consumer categories based on non -coincident demand and contracted capacity for the HT consumer categories.

d) Interest on Consumer Security Deposit

This is allocated to consumer categories based on the energy consumption grossed up for losses.

A summary of the results of the model are the outputs and these are discussed in the next section and a comparison of revenues and costs by customers is made in this part of the computation.

6.3 Results

The following tabulation summarizes the results of the process:

- TSNPDCL needs to handle 15,474 MU, which consist of sale of 13,866 MU to its customers and losses of 1608 MU.
- Average Peak demand required by TSNPDCL is 2106 MW, which consist of 1797 MW to serve the customers, and 309 MW of losses in the system.
- The average unit cost of supplying the customers of TSNPDCL is estimated at 7.13 Rs/kWh.

Table – 3.2 provides detailed results for each category:

- Category wise sales in MU
- Allocated cost and unit allocated cost
- Weightage of each category

Subsidies have not been considered.

Cost of Service Model for the FY 2017-18

	CONSUMER CATEGORIES	Sales in MU	Allocated Expenditure (Rs/Crs)	Cost of Service	Weightage of Category (Sales %)
Low Tension Supply					
	Domestic - Category I	3343.33	2646.36	7.92	24%
	Non-domestic Supply - Category II	667.03	512.83	7.69	5%
	Industrial Supply - Category III	248.08	177.69	7.16	2%
	Cottage Industries - Category IV	6.65	4.97	7.48	0%
	Irrigation and Agriculture - Category V	5263.65	3777.95	7.18	38%
	Public Lighting - Category VI	292.03	228.05	7.81	2%
	General Purpose - Category VII	48.89	38.49	7.87	0%
	Temporary - Category VIII	0.00			
	Total Low Tension Supply	9869.65	7386.34	7.48	71%
High Tension Supply					
	Industrial - Cat- I	557.59	419.51	7.52	4%
	Industrial Segregated - Cat- I (33KV)	184.21	112.30	6.10	1%
	Indusl. Segregated - Cat-I (220/132KV)	694.65	402.00	5.79	5%
	HT Others - Cat-II	128.42	88.55	6.90	1%
	Indusl. Non-Segregated - Cat- II (33KV)	13.39	10.58	7.90	0%
	Indusl. Non-Segre - Cat-II (220/132KV)	3.38	8.10	23.97	0%
	Irrigation and Agriculture - Cat-IV	96.04	83.56	8.70	1%
	Irrigation and Agriculture - Cat-IV (33KV)	263.92	147.05	5.57	2%
	Irrigation and Agriculture - Cat-IV (132KV)	767.71	488.85	6.37	6%
	Railway Traction - Cat V (132KV)	422.91	257.95	6.10	3%
	Colony Consumption (11KV)	13.06	8.40	6.43	0%
	Colony Consumption (33KV)	46.79	27.70	5.92	0%
	Colony Consumption (132 KV)	104.19	55.21	5.30	1%
	RESCOS Cat VI	699.74	389.74	5.57	5%
	Total High Tension Supply	3996.01	2499.52	6.26	29%
	TOTAL	13865.66	9885.86	7.13	100%

Appendix –A

Resource Plan for till FY 2018-19 (3rd Control Period):

With reference to the Lt. No. TSERC/Tariff/DD(T-Engg)/T-03/2015/D.No 708/16 dated 19/11/2016, issued by the TSERC, to submit long term system planning for the entire 3rd Control Period, we hereby submit the following resource plan.

10.1 Sales Projections

Sales Forecast for FY 2017-18 has been developed based primarily on analysis of historic data for the period FY 2009-10 to FY 2016-17. To historic additions, current proposition of 9 hours of agriculture, water grid and LI schemes have been added in a phased manner which are expected to become completely operational by end of FY 2018-19. Following are the additional major plans that have been considered for Sales projections.

9 hours of Agriculture Supply

TSDISCOMS are committed to increasing supply to agricultural category from the present 6 hours to 9 hours starting FY 2016-17. Current supply of 6 hours for agricultural consumers is being given in 2-3 spells spread across day and night. Whereas, by 2018-19 DISCOMs intend to give 9 hours of supply by either giving 9 hours at a stretch during the day time or split into two spells with maximum time of supply during the day for 6 hours and remaining 3 hours during the night.

LI schemes & Water Project

A number of Lift Irrigation Schemes (LISs) are planned in the state of Telangana to supply water for irrigation, drinking water and industrial purpose. Major schemes planned in the region - Pranahita-Chevella, Kalwakurthy, KomaramBheema are expected to be operational 16 hours every day during August to November every year.

Hyderabad Metro Rail (HMR)

Additional load would be added to the energy requirement once HMR becomes operational.

Bayyaram Steel Plant

One of the major projects and key demand drivers, Bayyaram Steel Plant is expected to become operational during the Control period.

Sales projections

Following are sales projections for entire state of Telangana:

Category wise Sales Forecast (MU) - Telangana State				
Category	FY 15-16	FY 16-17	FY 17-18	FY 18-19
LT Category				
LT-I Domestic	9,840	10,509	11,372	12,305
LT-II Non-domestic/Commercial	2,760	2,886	3,018	3,157
LT-III Industrial	1,049	1,069	1,106	1,145
LT-IV Cottage Industries	15	16	17	17
LT-V Agriculture	11,190	12,120	12,907	13,555
LT-VI Street Lighting & PWS	987	992	1,039	1,078
LT-VII General Purpose	100	110	119	131
LT-VIII Temporary Supply	1	2	2	2
LT - LR	-	-	-	-
LT-Total	25,943	27,703	29,580	31,391
HT Category				
HT-I Industrial	10,132	9,673	10,881	11,453
HT-I(B) Ferro Alloys	182	152	166	181
HT-II Commercial	2,064	2,193	2,363	2,537
HT-III Aviation	72	71	73	75
HT-IV Lift Irrigation	760	1,059	2,026	6,260
HT-V Traction	579	570	589	619
HT-VI Townships and Residential Colonies	273	284	298	315
HT-VII Green Power	-	-	-	-
HT-VII RESCOs	608	653	700	750
HT-VIII Temporary Supply	38	33	34	34
HT-Total	14,706	14,688	17,129	22,224
LT+HT-Total	40,650	42,391	46,710	53,616

Sales projections for TSNPDCL are as follows:

Category Wise (MU) - TSNPDCL				
Category	FY 15-16	FY 16-17	FY 17-18	FY 18-19
LT Category				
LT-I Domestic	2,819	3,070	3,343	3,641
LT-II Non-domestic/Commercial	572	618	667	720
LT-III Industrial	247	246	248	251
LT-IV Cottage Industries	6	6	7	7
LT-V Agriculture	4,672	4,942	5,264	5,606
LT-VI Street Lighting & PWS	277	281	292	301
LT-VII General Purpose	39	44	49	55

Category Wise (MU) - TSNPDCL				
Category	FY 15-16	FY 16-17	FY 17-18	FY 18-19
LT-VIII Temporary Supply	0	0	0	0
LT - LR	0	0	0	0
LT-Total	8,633	9,208	9,870	10,580
HT Category				
HT-I Industrial	1,241	1,364	1,436	1,630
HT-I(B) Ferro Alloys	26	0	0	0
HT-II Commercial	125	127	137	151
HT-III Aviation	8	8	9	9
HT-IV Lift Irrigation	341	437	1,128	4,261
HT-V Traction	430	422	423	431
HT-VI Townships and Residential Colonies	154	158	164	173
HT-VII Green Power	0	0	0	0
HT-VII RESCOs	608	653	700	750
HT-VIII Temporary Supply	0	0	0	0
HT-Total	2,933	3,168	3,996	7,406
LT+HT-Total	11,566	12,375	13,866	17,986

10.2 Energy Requirement

Sales projections have been grossed up with the approved loss trajectory to compute the Energy Requirement. Following table show the energy requirement of the DISCOMs for the control period

TSNPDCL Energy Requirement				
Particulars	FY 15-16	FY 16-17	FY 17-18	FY 18-19
LT Sales	8,633	9,208	9,870	10,580
Annual LT Loss %	7.19%	5.50%	5.25%	5.00%
LT Loss (MU)	669	536	547	557
11 KV Sales (MU)	1,249	1,317	1,495	1,625
Energy Requirement at 11KV level (MU)	10,551	11,061	11,911	12,762
Annual 11 kV Loss %	4.62%	4.23%	4.20%	4.15%
11 KV loss (MU)	511	489	522	553
33 KV Sales (MU)	286	298	508	661
Energy Requirement at 33 kV level (MU)	11,349	11,847	12,942	13,976
Annual 33 kV Loss %	4.42%	4.00%	4.00%	4.00%
33 KV losses (MU)	524	494	539	582
132 KV Sales (MU)	1,397	1,553	1,993	5,120
Energy Requirement at 132 kV level (MU)	13,270	13,893	15,474	19,677
Cummulative Distribution Losses (MU)	1,704	1,518	1,608	1,692
Cummulative Distribution Losses (%)	12.84%	10.93%	10.39%	8.60%
Cummulative Transmission loss (%)	3.13%	3.38%	3.38%	3.38%
Cummulative Transmission Losses (MU)	429	486	541	688
Total Energy Requirement	13,699	14,379	16,015	20,366
Total T & D loss (MU)	2,133	2,004	2,150	2,380
T & D Loss %	15.57%	13.94%	13.42%	11.69%
Total Sales	11,566	12,375	13,866	17,986
Total Energy Requirement	13,699	14,379.13	16,015	20,366

*Exclusive of PGCIL losses

Over all energy requirement of the two DISCOMs along with the PGCIL losses have considered to compute over all energy requirement at the state level.

Telangana State Energy Requirement				
Particulars	FY 15-16	FY 16-17	FY 17-18	FY 18-19
LT Sales	25,943	27,703	29,580	31,391
Annual LT Loss %	7.95%	5.50%	5.25%	5.00%
LT Loss (MU)	2,241	1,612	1,639	1,652
11 KV Sales (MU)	5,684	5,829	6,256	6,624
Energy Requirement at 11KV level (MU)	33,868	35,144	37,476	39,667
Annual 11 kV Loss %	4.94%	4.42%	4.34%	4.22%
11 KV loss (MU)	1,759	1,623	1,699	1,747
33 KV Sales (MU)	4,886	4,418	5,389	5,759
Energy Requirement at 33 kV level (MU)	40,513	41,186	44,563	47,173
Annual 33 kV Loss %	3.62%	3.99%	3.99%	3.99%
33 KV losses (MU)	1,520	1,713	1,853	1,962
132 KV Sales (MU)	4,137	4,441	5,485	9,841
Energy Requirement at 132 kV level (MU)	46,169	47,339	51,901	58,976
Cummulative Distribution Losses (MU)	5,520	4,949	5,191	5,361
Cummulative Distribution Losses (%)	11.96%	10.45%	10.00%	9.09%
Cummulative Transmission loss (%)	3.13%	3.38%	3.38%	3.38%
Cummulative Transmission Losses (MU)	1,492	1,656	1,816	2,063
Total Energy Requirement	47,661	48,995	53,717	61,040
Total T & D loss (MU)	7,012	6,605	7,007	7,424
T & D Loss %	14.71%	13.48%	13.04%	12.16%
Total Sales	40,650	42,391	46,710	53,616
PGCIL Losses	1,078	537	811	861
Total Energy Requirement	48,739	49,533	54,527	61,900

10.3 Supply Projections

To meet the energy requirement based on sales projections, state has planned following capacity additions and other sources to meet the energy deficit.

State Plan

For power supply projections, current plants of Capacity additions by State Genco plants have been considered. Telangana State has planned Thermal Generation Capacity additions of 6,480 MW in Damaracherla, Manuguru, Kothagudem and Warangal of which Kakatiya Thermal Power Plant Stage II has already been commissioned. Out of total Generation Capacity additions planned, 4,080 MW of Telangana Genco plants would be commissioned by FY 2018-19.

TSGENCO Generating Station	Capacity (MW)
Kakatiya Thermal Power Plant Stage II	600
KTPS Stage VII	800
Managuru TPP Unit 1	270
Managuru TPP Unit 2	270
Managuru TPP Unit 3	270
Managuru TPP Unit 4	270
Damacherla TPP (5x800)* <i>(Only 2 units considered)</i>	1,600

CGS Units

Telangana State is expected to procure additional power of 4,673 MW from Central Generating Stations which are planned to be commissioned during next five years.

Generating Station	Proposed/Contracted Capacity with TSDISCOMS (MW)
Kudigi	394
Tuticorin	156
Neyveli	72
Kalpakkam	71
NTPC UMPP	4000

Other Long-Term Sources

In order to meet the growing demand, Telangana State also plans to procure power of 3,039MW from other long-term sources which also includes Power from upcoming Singareni Power Plant - Stage 2.

Generating Station	Contracted Capacity of TSDISCOMS (in MW)
Singareni	600
Thermal Power Tech Unit 1	269
Thermal Power Tech Unit 2	570
Chhattisgarh Power Plant	1,000
Singareni Stage 2	600

Renewable Energy

Rise in agricultural demand is planned to be served using Renewable sources, more specifically using the solar power generation. Total renewable capacity additions as planned by Telangana State is 1,300 MW by 2018-19 as mentioned in table.

Source	Capacity (MW)
NCE - Wind Power Upcoming in FY 16-17	100
NCE - Wind Power Upcoming in FY 17-18	100
NCE - Wind Power Upcoming in FY 18-19	100
NCE-Solar Competitive Bidding Upcoming in FY 18-19	1,000

By taking into account above mentioned capacity additions, Power Purchase Availability has been projected for the state of Telangana.

Energy Availability projections from various sources (MU)				
Period	FY 15-16	FY 16-17	FY 17-18	FY 18-19
Thermal Power Stations	17,730	20,302	21,469	26,594
Hydel Power Stations	130	1,012	1,374	1,193
Total (Thermal and Hydel)	17,860	21,313	22,843	27,787
Central Generating Stations (CGS)	10,640	13,682	15,050	16,996
Gas Power Corporation Limited	132	68	92	56
IPPs	3,284	39	0	0
NCE	792	1,635	5,326	6,147
Others	17,739	9,415	20,106	19,821
Total (Without Market Purchase)	50,447	46,153	63,416	70,809
Availability from existing (Without Market Purchase)	32,975	31,071	32,128	32,575
Availability from upcoming	17,471	15,082	31,288	38,233
Market Purchases	1,964	12,228	2,797	-
Grand Total	52,410	58,381	66,213	70,809

Distribution Plan

To achieve the objective of ensuring 24x7 power to all consumers and proposed increase in number of hours of supply to agricultural consumers, the state has planned significant investments under various schemes. Investments are planned across various aspects of distribution infrastructure improvement including (a) load growth and network strengthening (b) technology upgradation, renovation and modernization schemes (c) measures for bringing down AT&C losses, and (d) Demand Side Management (DSM) measures and (e) Other expenditure towards general network improvement

Investments can be broadly categorized as follows:

1. Regular distribution infrastructure works i.e. Business-As-Usual investments
2. Dedicated investments for ensuring 24x7 power supply to rural consumers under the Deen Dayal Upadhyay Gram Jyoti Yojana (DDUGJY) scheme

3. Dedicated investments for ensuring 24x7 power supply to urban consumers under the Integrated Power Development Scheme (IPDS)

Distribution plan for state of Telangana:

Summary of infrastructure additions*					
Telangana State					
Category	Units	FY 15-16	FY 16-17	FY 17-18	FY 18-19
SS unit additions	Nos	254	231	175	202
PTR additions	Nos	626	518	457	456
Feeder Additions	Km	38866	40630	33916	30773
DTR additions	Nos	76982	74982	69110	66777

*Inclusive of Infrastructure additions approved by Commission for 3rd control period

Summary of infrastructure additions*					
TSNPDCCL					
Category	Units	FY 15-16	FY 16-17	FY 17-18	FY 18-19
SS unit additions	Nos	90	87	42	65
PTR additions	Nos	67	68	14	12
Feeder Additions	Km	9941	10249	3017	1316
DTR additions	Nos	36248	35982	31780	31099

*Inclusive of Infrastructure additions approved by Commission for 3rd control period

Distribution Plan - TSNPDCCL							
Category	Units	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Total
R-APDRP Part A - IT	Rs Crs	2	5	-	-	-	28
R-APDRP Part A - SCADA/DMS	Rs Crs	0	4	7	-	-	
R-APDRP Part B	Rs Crs	18	10	13	-	-	
RGVVY XII Plan	Rs Crs						
Electrification of households not covered under RGGVY	Rs Crs	3	3	3	3	1	
State-program							
Load growth and network strengthening	Rs Crs	496	707	760	817	877	2,913
Technology upgradation, renovation and modernization schemes	Rs Crs	28	29	25	26	28	
Measures for bringing down AT&C losses	Rs Crs	128	141	2	2	2	
DSM measures	Rs Crs	1	21	25	27	29	
Other Capex	Rs Crs	55	86	94	98	100	
Additional investments - IPDS scheme of GOI							
Load growth and network strengthening	Rs Crs	-	67	67	-	-	206
Technology upgradation, renovation and modernization schemes	Rs Crs	-	53	53	-	-	
Measures for bringing down AT&C losses	Rs Crs	-	74	74	-	-	
DSM measures	Rs Crs	-	7	7	-	-	
Renewable Energy Measures	Rs Crs	-	6	6	-	-	
Additional investments - DDUGJY scheme of GOI							
Load growth and network strengthening	Rs Crs	-	261	261	-	-	833
Technology upgradation, renovation and modernization schemes	Rs Crs	-	1	1	-	-	
Measures for bringing down AT&C losses	Rs Crs	-	238	238	-	-	
DSM measures	Rs Crs	-	5	5	-	-	
Renewable Energy Measures	Rs Crs	-	164	164	164	-	
Additional investments for UDAY Scheme and agricultural 9 hrs							
Capital expenditure for providing agricultural 9 hrs supply	Rs Crs			635			944
DTR Metering	Rs Crs			100	53		
Smart Meters for consumers more than 200 units consumption	Rs Crs			50	46	59	
Total Capex	Rs Crs	731.8226612	1880.713974	2590	1237	1097	4924

APPENDIX-B

STATUS ON IMPLEMENTATION

OF DIRECTIVES

Directives 2016-17

Directive No.	Directive Description	Action to be taken
A.	EARLIER DIRECTIVES	
1.	<p>Imported coal The Discoms are directed to verify whether APGENCO is procuring imported coal through the competitive bidding process, or under any guidelines issued in this regard by GoI, before admitting the Station wise power purchase bills claimed/submitted by APGENCO. Regarding NTPC Stations, DISCOMs have to take-up the pricing issue of imported coal, if any, with CERC.</p>	<p>APGENCO vide letter dated:02.09.2016 has informed that they are following Competitive Bidding process for procuring Imported coal. APGENCO further stated that, no imported coal was procured during the FY 2015-16 and met the shortfall of coal from M/s. SCCL.</p>
2.	<p>Quality of domestic coal The Discoms are directed to “appoint independent agency to ensure that the coal of agreed quality and price as per the fuel supply agreement (FSA) is used for generation of power at all coal based Thermal Power Stations. Before making final payment such audit reports should be verified by the concerned officers of the DISCOMs”. TSGENCO is also directed to adopt proper sampling technique both at sending and receiving end for coal supply from each source separately, keeping in view, the importance of coal audit as directed to DISCOMs.</p>	<p>Earlier, the united APERC was requested by united APDISCOMs to appoint Fuel Auditors (Coal/ Fuel) to check the Quality of Domestic Coal as well as the procurement of Imported Coal being carried out by united APGENCO, in a similar manner as appointed by the Punjab State Electricity Regulatory Commission (PSERC). However, the then Commission called for Tenders but could not finalize the same.</p> <p>TSGENCO informed that joint sampling techniques are being followed by TSGENCO and M/s. SCCL at various loading points of M/s. SCCL for the coal supplied to TSGENCO Thermal Stations as per the Fuel Supply Agreement (FSA) entered between TSGENCO and M/s. SCCL. TSGENCO further stated that Bunker Coal analysis is being carried out for the coal fed to bunkers at power station end for all Thermal Power Stations of TSGENCO.</p> <p>APGENCO stated that it is following Bureau of Indian Standards in sampling techniques.</p>

Directive No.	Directive Description	Action to be taken
3.	<p>Metering of agricultural DTRs</p> <p>The Discoms are directed to chalk out a timeline program and submit to the Commission for approval for installation of meters to all the agricultural DTRs in order to compute the metered agricultural consumption and losses in the system. In the meantime, for assessing the agricultural consumption based on ISI methodology, provide additional meters to new sample DTRs instead of shifting of the existing sample DTR meters to the new sample DTRs, as prescribed in the ISI methodology. Further, the DISCOMs are directed to follow the report of the Indian Statistical Institution which was submitted to the erstwhile APERC (which was approved) in estimation of agricultural consumption for FY 2017-18.</p>	<p>The AGL consumption is assessing based on ISI methodology by collecting the energy recorded by the 3,168 meters fixed to the LV side of the AGL DTRs on random sampling.</p>
4.	<p>T&D Losses</p> <p>The Discoms are directed to take stringent action to reduce the losses duly spending investment approved for this purpose. The Discoms are directed to examine the possibility of franchising the high loss feeders, to curb the commercial losses, before making claim that the actual losses are more than the approved losses.</p>	<p>The following stringent actions initiated to reduce losses: 55 Sq. mm AAA Conductor is made mandatory for Towns, Municipal Headquarter & Mandal Headquarter feeders. Reconductoring is being done for AGL feeders with more than 100 Amps, 526 Km. 11 kV line and 972.21 Km. LT line reconductoring is done so far. 78 Nos. Agricultural feeders which are having loads more than 150 Amps were bifurcated. Readings of 12,05,385 services are obtained monthly using IRDA port, by avoiding manual feeding of readings. All electro mechanical meters in Towns are replaced with electronic meters and steps are taken up to replace at rural areas also. 4,64,207 Nos. meters were replaced so far. In towns 13,83,199 Nos. services are provided IRDA port meters. Exceptionals are being attended regularly on top priority without pendency. The statement of distribution losses for 2014-15, 2015-16</p>

Directive No.	Directive Description	Action to be taken
		& 2016-17 (up to September 2016) is enclosed.
5.	<p>Submission of tariff proposals The Discoms are directed to submit the ARR and Tariff proposals on time i.e., by 30th November of current year in order to make the Tariff Order effective from 1st April of the next year.</p>	Being complied with the Directive for filing ARR in time. The Tariff proposals will be submitted by 31 st December 2016.
6.	<p>Replacement of fuses in agriculture DTRs The Discoms are directed to ensure that the field staff, to whom cell phone service (SIM cards) are given, should attend to the fuse off calls within time, on the receipt of calls from a farmer over phone. For ensuring the same, register the time of call, and confirm the action taken from the consumer is required. For achieving this, the Licensee may examine on usage of advanced IT solutions. The Licensee shall examine other alternate approaches to achieve the above objective such as creating a central monitoring team to ensure that the field staff is responding properly to the farmers fuse off calls. The action taken in this regard shall be intimated within two months.</p>	To attend the replacement of fuses of agricultural DTRs within the time, Cell phone service facility is provided down to the level of Linemen Cadre for quick information from the farmers to replace the fuses and attending the power supply complaints. The cell phone numbers of concerned staff is displayed on the notice board at Grama Panchayt Office in every village for consumer notice and also approval is accorded to engage contract for maintenance of DTRs for 1560 un-manned distributions.
7.	<p>Directive on resolving the problems faced by Rural area Consumers</p> <p>a) The Discoms are directed to examine the possibility of establishing operational crew consisting of two or three staff members with a vehicle and spare parts, to attend rectification of defects in AB switches of substations, DTR structures, carrying the minor repairs to the transformers at site, etc. in rural areas, for improving the quality of supply and to minimize problems faced by rural consumers.</p> <p>b) During the public hearing it was noticed that the staff members are not staying at headquarters (especially during night time) and causing problems to the consumers. The Discoms are directed to ensure that the staff members and all cadre of officers shall reside at the place of posting so as to make them easily accessible to the consumers and quarterly report ensuring the same shall be furnished to the Commission.</p>	All efforts are being made for improvement of quality of power supply in rural areas by proper and periodical maintenance of distribution lines, DTRs and clearance of tree-branches along the lines and undertaking pre-monsoon inspections. Additional DTRs and re-conductoring works are being carried out wherever low voltage problems are identified. Instructions are issued to all field staff to stay at their designated headquarters accessible to the consumers to attend the power supply complaints immediately.

Directive No.	Directive Description	Action to be taken																		
8.	<p>Unauthorized agricultural loads The Discoms are directed to take necessary steps for removal/regularization of remaining number of un-authorized agricultural services on priority basis.</p>	<p>Instructions are issued to all field officers to conduct raids and to create awareness among the unauthorized AGL pump-set owners. DPE Wing has prepared a plan of action to book the cases as per the Act. Unauthorized AGL pump-sets are being regularized duly collecting the DDs by creating awareness among the unauthorized AGL consumers.</p> <p>The Agricultural services are being released as per the quota approved by the State Government which includes regularization of unauthorized Agricultural connections also. It is programmed to release all pending AGL applications before March 2017. Year-wise details are as follows:</p> <table border="1" data-bbox="1283 712 1938 1052"> <thead> <tr> <th>Year</th> <th>Target</th> <th>Number of Agricultural services released</th> </tr> </thead> <tbody> <tr> <td>2012-13</td> <td>38000</td> <td>32886</td> </tr> <tr> <td>2013-14</td> <td>25646</td> <td>26597</td> </tr> <tr> <td>2014-15</td> <td>32897</td> <td>38105</td> </tr> <tr> <td>2015-16</td> <td>Not Communicated</td> <td>37273</td> </tr> <tr> <td>2016-17</td> <td>42635</td> <td>15879 (Up to September 2016)</td> </tr> </tbody> </table>	Year	Target	Number of Agricultural services released	2012-13	38000	32886	2013-14	25646	26597	2014-15	32897	38105	2015-16	Not Communicated	37273	2016-17	42635	15879 (Up to September 2016)
Year	Target	Number of Agricultural services released																		
2012-13	38000	32886																		
2013-14	25646	26597																		
2014-15	32897	38105																		
2015-16	Not Communicated	37273																		
2016-17	42635	15879 (Up to September 2016)																		
B.	NEW DIRECTIVES																			
9.	<p>Short term purchases The DISCOMS are directed to take the prior approval for the quantum of procurement of power from short term supply sources duly indicating the reasons for such procurement. After obtaining the approval, the Licensees shall follow the guidelines issued by the Ministry of Power, Government of India u/s 63 of the Electricity Act, 2003 i.e., web based competitive procurement, for all such purchases from Short Term Sources. And also take the approval of the price. In</p>	<p>TSPCC on behalf of TSDISCOMs placed Purchase Orders for supply of RTC power to Telangana State under Short Term for a quantum of 2044 MW for the period from June 2016 to May 2017 with rates discovered through Tender floated on e-procurement platform.</p> <p>On 27.10.2016, TSERC has issued approval for Procurement of Power from Short Term Sources for the</p>																		

Directive No.	Directive Description	Action to be taken
	<p>case of emergency, any procurement is done through power exchanges the necessity for such procurement should be brought to the notice of the Commission fortnightly once.</p>	<p>period from 27.05.2016 to 25.05.2017 with a cap on drawl of equivalent energy up to a maximum of 1400 MW. In future, Bilateral Power Procurement under short Term will be carried out through National e-bidding Portal (DEEP- Discovery of Efficient Electricity Price).</p>
10.	<p>True-up proposal of Distribution Licensees The DISCOMs are directed to file the true-up of Distribution business for the first two control periods. And also directed to file the true-up of Retail Supply Business under Regulation 1 of 2014 of erstwhile APERC for FY 2014-15 and FY 2015-16 in order to issue necessary directives to improve the performance of DISCOMs even though the DISCOMs have stated that the debts of the DISCOMs are taken over by the Government of Telangana under UDAY scheme.</p>	<p>True-up will be filed along with Tariff Proposal.</p>
11.	<p>Transportation of failed transformers The Discoms shall ensure that the transportation of failed transformers is done at the cost of Discoms. In case, vehicle provided to sub-division, for this purpose, is unable to meet the requirement, replacement of failed DTRs should be done by hiring a private vehicle for this purpose only. For hiring the vehicles (the tractor trailers are available in villages) where ever necessary, the schedule of rates either on kilometer basis or on per day basis may be fixed.</p>	<p>Vehicle is arranged at each Sub-Division level for transportation and replacement of failed DTR and replacing the failed DTRs within the stipulated time. However, some farmers are arranging their own transportation due to their urgency even though it is informed not to do transportation by own arrangements.</p>
12.	<p>Segregation of loads in airports The Commission has directed in the RST Order FY 2015-16, to the TSSPDCL to segregate the aviation activity loads and non-aviation activity loads of the consumer (GMR International Airport at Hyderabad) at the Discom metering point itself so as to have separate metering for both categories of loads. This work ought to have been completed by 30th September, 2015. The Licensee stated that it is segregating the Novotel Hotel loads from the aviation activity loads. The Licensee is directed to examine the possibility of segregation of remaining loads so that separate metering can be provided in order to bill under appropriate category and submit the report to the</p>	<p>Pertains to TSSPDCL.</p>

Directive No.	Directive Description	Action to be taken
	Commission by the end of August, 2016. The Licensee is also directed to conduct a study on the load pattern of aviation activity for computing the cost of service as directed during FY 2015-16.	
13.	<p>Agricultural service connections</p> <p>The DISCOMs have stated that on releasing of new agriculture connections, they are following First In First Out (FIFO) system. While following the FIFO approach, the Licensees are directed to ensure that prospective consumer should be sent status of application through a text message (on number furnished in the application). The status update should include priority number, sanction details, details of payment to be made to the Licensees by the consumer, quantum of major materials (poles, conductor and transformers) allocated with date, material drawn and completion of work. They are also directed to make available, the list of pending applications, and operation section wise in the sequential order of applications pending on the website of the DISCOMs. A similar list should also be displayed at the section office and should be updated monthly. As far as possible, new agricultural connections released hereinafter (After the date of this Order) by the Discoms, the pump sets used by the agriculture consumers should be of 5 (five) star rating as it leads to conservation of energy.</p>	<p>FIFO is implemented for releasing of AGL connections. SMS is sent by the AGL services release application software. Through SMS following information is communicated to the consumers.</p> <ol style="list-style-type: none"> 1) Registration number and seniority number. 2) Estimate sanction. 3) Work Order issue. 4) Major materials drawn date. 5) Service release details.
14.	<p>Non departmental accidents</p> <p>The DISCOMs are directed to establish a non-departmental accident registration system and give wide publicity. Necessary instructions to the staff shall be issued for acknowledging the accident claim applications at section office/ sub-division office. They are directed to make payment of ex-gratia for the fatal accident cases as per the Commission order on enhancement of ex-gratia amount, within the time specified. This was promised by the Licensees while replying at the public hearings. The report of compliance objector wise shall be furnished to the Commission by end of July, 2016.</p>	<p>TSNPDCL has provided "Accident Reporting System" on Company's website viz., www.tsnpdcl.in to enable complainants for claiming the ex-gratia along with scanned copies of necessary documents. Necessary instructions are given to field.</p>

Directive No.	Directive Description	Action to be taken
15.	<p>Monthly Billing</p> <p>The Licensees are directed to develop a software system in the spot billing machines such that the consumption is limited to the billing month (for example, if previous month reading was taken on 5th day of the month, the next reading taken on 7th day instead of taking on 5th day of current month, the consumption shall be apportioned to 30/31 days depending on the number of days in that particular calendar month so that it avoids the shifting of consumption to higher slabs).</p>	<p>Necessary changes were incorporated in the software for billing.</p> <p>The Software is modified and is implemented from 1st September 2016 onwards.</p>
16.	<p>Staff shortage in rural areas</p> <p>In public hearing it was brought to the notice of the Commission that an acute shortage of operational staff exists in rural areas. We direct the Discoms to examine this issue and initiate appropriate action.</p>	<p>Approval is sought from the Govt. of Telangana for filling up of 558 JLM posts.</p>
17.	<p>Open Access</p> <p>In public hearing it was brought to the notice of the Commission that the applications of consumers who intend to go for open access are being delayed without any valid reasons. We direct the Discoms to dispose of all the applications seeking open access within ten (10) days from the date of receipt of the application.</p>	<p>TSNPDCL is granting Open Access to the applicants duly complying with the concerned Regulations.</p>
18.	<p>Filing of Multi Year Tariffs and True ups by TSTRANSCO</p> <p>The TS Transco has mentioned that the assets and liabilities of erstwhile AP Transco have not yet been bifurcated between AP and TS Transco. The TS Transco has, hence, stated that it will file the ARR and tariff for the balance of the third control period during the year 2016-17 along with True-up for the second control period vide its letter No. CE/Plg.,Coml. &Co-ordn./DE/RAC/F.ARR(FY16-17)/D.No.68/15 dated 24th November, 2015. The TS Transco is directed to file the ARR and tariff proposals for the balance period of third control period along with filing of true ups for first and second control period before the end of November 2016 without fail.</p>	<p>Pertains to TS TRANSCO.</p>

Directive No.	Directive Description	Action to be taken
19.	<p>Filing of Tariff of TSGENCO stations for third control period and PPAs for consent</p> <p>The TSDISCOMs/TSGENCO is directed to file the tariff proposals, station wise for the third control period (FY 2014-15 to FY 2018-19) along with capital cost of new stations which have not been determined by the erstwhile APERC, by end of October 2016. The TSGENCO is also directed to file the station wise PPAs of its stations for Commission's approval.</p>	Pertains to TS GENCO
20.	<p>Cost of Supply of HT V(B)-HMR Railway Traction Category</p> <p>The Commission directs TSSPDCL to study the consumption pattern for the portion of energy likely to be consumed for the commercial operation (after commencement) of HMR Metro Railways out of the total energy to be consumed during the year FY 2016-17 and propose the Category CoS for the subsequent year so as to examine the same.</p>	Pertains to TSSPDCL.
21.	<p>Non availability of toll free number, developing the IVRS system for registering the consumer complaints such as fuse off Calls, billing issues, etc.</p> <p>During public hearing it was stated by the stakeholders that at many times the toll free number is not reachable or some of them stated that they are not aware of the number. In this regard, the Licensees are directed to widely publicize the toll free number and ensure its operation 24x7. The Licensees should also ensure sufficient lines for the toll free service are available to avoid congestion in communication. The DISCOMs shall ensure that the registered complaint, as per the existing practice, on Fuse off Calls, repair/ replacement of agricultural DTRs and they shall be resolved within the stipulated time as per SoP norms. In the meanwhile the Licensee shall develop a software to register complaint through IVRS system equipped to issue a docket number (i.e. complaint number) along with date and time of registration and send through SMS on registered mobile number. The Complaints once resolved should again be communicated to the consumer through SMS on the registered mobile</p>	The DISCOM has established Centralized Call Center (CCC) under R-APDRP program. The CCC operates 24x7. Initially IVRS is provided and as per the consumers request during the Public Hearing, it is bypassed. The SMS facility is provided to communicate complaint registration number to the consumers. Also, SMS is sent once the complaint is closed.

Directive No.	Directive Description	Action to be taken
	<p>number by the concerned authority. The SMS after complaint resolution should capture details on time taken to resolve the complaint, hence enabling the consumer to claim compensation as per Standard of Performance (SoP) regulations, in case of delay in compliance.</p>	
22.	<p>Reduction of interruptions in GHMC area It has been noticed by the Commission that 11/33 kV lines as well as overhead lines are damaged due to heavy winds and rain causing interruptions in power supply for a large section of GHMC area. Some such outages have continued for more than 24 hours in some parts of the city. The Discoms are directed to prepare a plan for replacing the overhead lines with the underground cable system of appropriate voltage level in a phased manner and submit the proposal for the consolidation of the Commission for investment approval.</p>	Pertains to TSSPDCL.

Distribution Losses (including & excluding EHT)

Sl. No.	Circle	2014-15		2015-16		2016-17 (up to September 2016)	
		Including EHT	Excluding EHT	Including EHT	Excluding EHT	Including EHT	Excluding EHT
1	Warangal	13.56%	15.03%	13.09%	14.91%	12.63%	14.90%
2	Karimnagar	11.96%	13.16%	12.08%	13.62%	11.05%	12.90%
3	Khammam	12.46%	14.32%	12.28%	13.96%	10.15%	11.57%
4	Nizamabad	16.44%	16.71%	14.39%	14.39%	15.74%	16.00%
5	Adilabad	11.23%	14.11%	12.08%	14.87%	11.06%	13.67%
	Total	13.25%	14.69%	12.84%	14.35%	12.19%	13.93%

APPENDIX-C

PERFORMANCE PARAMETERS

Compensation Paid Consumers under SOP Regulations for the year 2015-16

Service Area	Compensation paid to Consumers (Rs.)					
	WGL	KNR	KMM	NZB	ADB	TSNPDCL
Normal Fuse - off	0	0	0	0	0	0
Over head Line/cable breakdowns	0	0	0	0	0	0
Under ground cable breakdowns	0	0	0	0	0	0
DTR's Failure	0	0	0	0	0	0
Schedule Outage	0	0	0	0	0	0
Voltage fluctuations	31200	0	0	0	0	31200
Meter Complaints	0	0	0	0	0	0
Release of Supply	0	0	0	27900	0	27900
Transfer of ownership and conversion of Services	0	0	0	0	0	0
i) Name Change	0	0	0	0	0	0
ii) Category Change	0	0	0	0	3000	3000
Consumers Bills	1450	1850	3100	0	500	6900
Reconnection of supply following disconnection due to non-payment of bills	54400	2800	0	12000	0	69200
Total	87050	4650	3100	39900	3500	138200

Compensation Paid Consumers under SOP Regulations for the year 2016-17 (Up to 30.09.2016)

Service Area	Compensation paid to Consumers (Rs.)					
	WGL	KNR	KMM	NZB	ADB	TSNPDCL
Normal Fuse - off	0	0	0	0	0	0
Over head Line/cable breakdowns	0	0	0	0	0	0
Under ground cable breakdowns	0	0	0	0	0	0
DTR's Failure	0	0	0	0	0	0
Schedule Outage	0	0	0	0	0	0
Voltage fluctuations	0	0	0	0	0	0
Meter Complaints	0	0	0	0	0	0
Release of Supply	0	0	0	0	0	0
Transfer of ownership and conversion of Services	0	0	0	0	0	0
i) Name Change	0	0	0	0	0	0
ii) Category Change	0	1000	5000	0	0	6000
Consumers Bills	0	0	0	0	0	0
Reconnection of supply following disconnection due to non-payment of bills	0	0	0	0	0	0
Total	0	1000	5000	0	0	6000

Electrical Accidents

(Amount in Lakhs)

Sl. No.	Circle	During 2015-16							During 2016-17 (Up to September 2016)						
		No. of Accidents			Exgratia Paid				No. of Accidents			Exgratia Paid			
		Fatal Accidents		Non-fatal Accidents	Fatal Accidents				Fatal Accidents		Non-fatal Accidents	Fatal Accidents			
		Human beings	Animals		Human beings	Amount	Animals	Amount	Human beings	Animals		Human beings	Amount	Animals	Amount
1	Warangal	41	40	3	29	51.00	40	7.77	45	38	0	10	26.00	26	7.00
2	Karimnagar	23	51	1	12	30.00	51	7.88	28	56	5	8	16.00	22	7.88
3	Khammam	36	43	4	16	20.00	43	24.78	10	61	1	2	6.00	51	25.01
4	Nizamabad	24	29	2	3	5.00	29	6.92	16	31	0	14	34.00	10	4.00
5	Adilabad	15	71	2	7	14.00	71	13.31	18	45	0	2	4.00	30	10.81
NPDCI Total		139	234	12	67	120.00	234	60.66	117	231	6	36	86.00	139	54.70

DTRs Failures

Circle	No. of DTRs as on 31.03.2016		No. of DTRs failed during 2015-16		No. of failed DTRs replaced during 2015-16		No. of additional DTRs installed during 2015-16	
	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase
1	2	3	4	5	6	7	8	9
Warangal	43546	15797	6012	2096	6012	2096	4502	163
Karimnagar	49582	11165	5053	828	5053	828	2582	225
Khammam	23226	9030	3136	793	3136	793	2187	367
Nizamabad	49675	8439	4334	750	4334	750	3926	13
Adilabad	22576	9503	3952	1077	3952	1077	2981	108
NPDCL	188605	53934	22487	5544	22487	5544	16178	876

Circle	No. of DTRs as on 30.09.2016		No. of DTRs failed during 2016-17 (Up to September 2016)		No. of failed DTRs replaced during 2016-17 (Up to September 2016)		No. of additional DTRs installed during 2016-17 (Up to September 2016)	
	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase
1	2	3	4	5	6	7	8	9
Warangal	44391	15898	3875	904	3875	904	845	101
Karimnagar	51976	11343	3551	551	3551	551	2394	178
Khammam	24405	9148	1969	471	1969	471	1179	118
Nizamabad	51993	8453	3770	388	3770	388	2318	14
Adilabad	23343	9635	2450	564	2450	564	767	132
NPDCL	196108	54477	15615	2878	15615	2878	7503	543

Faulty Meters (Stuck-up & Burnt)

Circle	Opening Balance (as on 30.09.2015)		Accrued from 01.10.2015 to 30.09.2016		Replaced from 01.10.2015 to 30.09.2016		Closing Balance (as on 30.09.2016)	
	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase
Warangal	21364	1115	31588	4611	42914	5068	10038	658
Karimnagar	7167	517	47473	3436	48377	3471	6263	482
Khammam	8277	486	39802	3346	42808	3248	5271	584
Nizamabad	10304	1897	60165	3920	66533	4072	3936	1745
Adilabad	9987	837	33824	932	39855	343	3956	1426
Total	57099	4852	212852	16245	240487	16202	29464	4895

Fuse off Calls

Sl. No.	Circle	During 2015-16						During 2016-17 (Up to 30.09.2016)					
		Urban			Rural			Urban			Rural		
		No. of Complaints received	No. of Complaints attended with in time frame	No. of Complaints attended beyond in time frame	No. of Complaints received	No. of Complaints attended with in time frame	No. of Complaints attended beyond in time frame	No. of Complaints received	No. of Complaints attended with in time frame	No. of Complaints attended beyond in time frame	No. of Complaints received	No. of Complaints attended with in time frame	No. of Complaints attended beyond in time frame
1	Warangal	14498	14498	0	10524	10524	0	7980	7980	0	5662	5662	0
2	Karimnagar	10310	10310	0	2251	2251	0	6215	6215	0	1145	1145	0
3	Khammam	17005	17005	0	17388	17388	0	10352	10352	0	8678	8678	0
4	Nizamabad	546	546	0	201	201	0	4913	4913	0	2424	2424	0
5	Adilabad	3126	3126	0	7924	7924	0	2933	2933	0	11738	11738	0
	NPDC	45485	45485	0	38288	38288	0	32393	32393	0	29647	29647	0

PROCUREMENT OF SAFETY ITEMS FOR THE YEAR 2015-16

Sl. No.	Name of the Material	Qty.	Rate/ Each	Total Value	P.O. No. & Date	Remarks
1	P.P Rope	5000 Kgs.	228.90	1144500	PM-4699, Dt:16.12.2015	
2	Rubber Hand Gloves	5000 Nos.	494.00	2470000	PM-4778, Dt:05.02.2016	
3	Earth Discharge rods 10 feet	3000 Nos.	830.00	2490000	PM-4774, Dt:03.02.2016 & PM-4775, Dt:03.02.2016	
4	Fire Extinguishers	1000 Nos.	3958.88	3958880	PM-4783, Dt:08.02.2016	
TOTAL				10063380		

PROCUREMENT OF SAFETY ITEMS FOR THE YEAR 2016-17 (up to 30.09.2016)

Sl. No.	Name of the Material	Qty.	Rate/ Each	Total Value	P.O. No. & Date	Remarks
1	HRC Fuse Base carrier 500 V 400 A with knife type	2000 Nos.	657.30	1314600	PM-4995, Dt:29.08.2016	
2		4800 Nos.	657.30	3155040	PM-4996, Dt:29.08.2016	
3		3200 Nos.	657.30	2103360	PM-4997, Dt:29.08.2016	
4	Earth Discharge rods 3 feet	3000 Nos.	378.00	1134000	LOI issued on 28.09.2016	
TOTAL				7707000		

ABSTRACT

Statement showing circle wise arrears of consumers over Rs.50,000/- pending for over 6 months
(as on 30.09.2016)

(Rupees in Lakhs)

Sl. No.	Name of the Circle	LT Services		HT Services		Total	
		SCs	Amount	SCs	Amount	SCs	Amount
1	Warangal	3648	5684.52	9	166.68	3657	5851.20
2	Karimnagar	4368	10319.62	12	516.24	4380	10835.86
3	Khammam	3416	6219.90	35	1199.61	3451	7419.51
4	Nizamabad	7933	19658.34	98	4124.58	8031	23782.92
5	Adilabad	2106	4519.57	108	5626.97	2214	10146.54
	Total	21471	46401.95	262	11634.08	21733	58036.03

11 KV Feeders Towns, Industrial & Other Breakdowns Particulars during the Year 2015-16

Sl. No.	Circle	No. of 11 KV Feeders Existing Town	11 KV TOWN										Total	
			LR	Time (Hrs:Mts)	LC	Time (Hrs:Mts)	B/D	Time (Hrs:Mts)	EL/OL	Time (Hrs:Mts)	ISF	Time (Hrs:Mts)	Nos.	Duration (Hrs. Mts)
1	Warangal	104	0	0:00	7799	8137:10	1065	1761:48	6864	826:18	3806	2960:40	19534	13685:57
2	Karimnagar	86	0	0:00	2083	1975:46	0	0:00	2205	614:23	150	652:27	4438	3242:36
3	Khammam	59	0	0:00	228	6502:48	163	4814:52	148	373:55	0	0:00	539	11691:36
4	Nizamabad	58	0	0:00	368	411:25	149	117:35	332	73:55	0	0:00	849	602:55
5	Adilabad	55	0	0:00	2510	1340:41	273	226:45	2155	372:26	4014	1902:52	8952	3842:44
	NPDC	362	0	0:00	12988	18367:50	1650	6921:00	11704	2260:57	7970	5515:59	34312	33065:48

Sl. No.	Circle	No. of 11 KV Feeders existing Indl. & Others	11 KV INDUSTRIAL & OTHERS										Total	
			LR	Time (Hrs:Mts)	LC	Time (Hrs:Mts)	B/D	Time (Hrs:Mts)	EL/OL	Time (Hrs:Mts)	ISF	Time (Hrs:Mts)	Nos.	Duration (Hrs. Mts)
1	Warangal	138	0	0:00	2368	4319:05	197	735:45	1653	427:08	2321	2443:42	6539	7925:40
2	Karimnagar	254	0	0:00	229	43:37	0	0:00	0	0:00	154	654:05	383	697:42
3	Khammam	143	0	0:00	218	5514:00	0	0:00	205	823:55	0	0:00	423	6337:55
4	Nizamabad	135	0	0:00	24	22:15	3	1:20	0	0:00	42	36:18	69	59:53
5	Adilabad	133	0	0:00	498	107:21	49	36:04	582	55:20	2614	865:54	3743	1064:39
	NPDC	803	0	0:00	3337	10006:18	249	773:09	2440	1306:23	5131	3999:59	11157	16085:50

11 KV Feeders Towns, Industrial & Other Breakdowns Particulars the Year 2016-17 (Up to 30.09.2016)

Sl. No.	Circle	No. of 11 KV Feeders Existing Town	11 KV TOWN										Total	
			LR	Time (Hrs:Mts)	LC	Time (Hrs:Mts)	B/D	Time (Hrs:Mts)	EL/OL	Time (Hrs:Mts)	ISF	Time (Hrs:Mts)	Nos.	Duration (Hrs. Mts)
1	Warangal	104	0	0:00	4008	11725:06	698	2473:57	3223	675:02	2280	7983:06	10209	22857:11
2	Karimnagar	86	0	0:00	451	148:43	127	1263:48	504	73:10	716	1057:04	1798	2542:45
3	Khammam	59	0	0:00	109	2696:24	77	1778:24	112	342:00	0	0:00	298	4816:48
4	Nizamabad	59	0	0:00	273	327:05	145	174:35	216	83:50	0	0:00	634	585:30
5	Adilabad	55	0	0:00	4324	6663:34	837	510:02	2703	343:35	2174	409:44	10038	7926:55
	Total	363	0	0:00	9165	21560:52	1884	6200:46	6758	1517:37	5170	9449:54	22977	38729:09

Sl. No.	Circle	No. of 11 KV Feeders existing Indl. & Others	11 KV INDUSTRIAL & OTHERS										Total	
			LR	Time (Hrs:Mts)	LC	Time (Hrs:Mts)	B/D	Time (Hrs:Mts)	EL/OL	Time (Hrs:Mts)	ISF	Time (Hrs:Mts)	Nos.	Duration (Hrs. Mts)
1	Warangal	144	0	0:00	1731	3499:38	191	1934:10	970	260:50	1653	2172:21	4545	7866:59
2	Karimnagar	251	0	0:00	0	0:00	22	335:29	0	0:00	716	1081:14	738	1416:43
3	Khammam	140	0	0:00	119	4204:48	0	0:00	121	398:24	0	0:00	240	4603:12
4	Nizamabad	132	0	0:00	0	0:00	0	0:00	0	0:00	0	0:00	0	0:00
5	Adilabad	133	0	0:00	572	222:26	142	97:29	686	67:15	603	222:59	2003	610:09
	Total	800	0	0:00	2422	7926:52	355	2367:08	1777	726:29	2972	3476:34	7526	14497:03

11 KV Feeders Rural & MHQ Breakdown & Interruptions Particulars during the Year 2015-16

Sl. No.	Circle	No. of 11 KV Feeders Existing Rural	11 KV Rural										Total	
			LR	Time (Hrs:Mts)	LC	Time (Hrs:Mts)	B/D	Time (Hrs:Mts)	EL/OL	Time (Hrs:Mts)	ISF	Time (Hrs:Mts)	Nos.	Duration (Hrs. Mts)
1	Warangal	819	0	0:00	48875	101899:46	6218	21143:18	24331.1	4139:35	53922	115925:03	133346	243107:42
2	Karimnagar	894	0	0:00	2272	944:31	1187	958:33	2250	1097:10	2165	1276:06	7874	4276:20
3	Khammam	368	0	0:00	514	820:31	705	918:33	842	160:28	0	0:00	2061	1899:32
4	Nizamabad	753	0	0:00	2082	7051:55	2567	16169:42	1087	2611:29	50	48:00	5785	25881:06
5	Adilabad	399	0	0:00	20152	30141:08	4453	3574:01	24300	2871:16	61825	47096:45	110730	83683:10
	Total	3233	0	0:00	73895	140857:51	15130	42764:07	52809.6	10879:58	117962	164345:54	259796	358847:50

Sl. No.	Circle	No. of 11 KV Feeders Existing MHQ	11 KV MHQ										Total	
			LR	Time (Hrs:Mts)	LC	Time (Hrs:Mts)	B/D	Time (Hrs:Mts)	EL/OL	Time (Hrs:Mts)	ISF	Time (Hrs:Mts)	Nos.	Duration (Hrs. Mts)
1	Warangal	48	0	0:00	2950	2099:13	230	410:57	1865	257:06	2509	5959:40	7554	8726:56
2	Karimnagar	40	0	0:00	2122	751:50	277	290:05	2416	643:33	1791	1363:25	6606	3048:53
3	Khammam	40	0	0:00	657	1011:17	641	920:34	740	120:03	0	0:00	2038	2051:54
4	Nizamabad	34	0	0:00	67	78:50	132	193:53	624	171:05	0	0:00	823	443:48
5	Adilabad	46	0	0:00	2378	27857:22	696	645:07	2134	620:05	6259	2456:48	11467	31579:22
	Total	208	0	0:00	8174	31798:32	1976	2460:36	7779	1811:52	10559	9779:53	28488	45850:54

11 KV Feeders Rural & MHQ Breakdown & Interruptions Particulars during the Year 2016-17 (up to 30.09.2016)

Sl. No.	Circle	No. of 11 KV Feeders Existing Rural	11 KV Rural										Total	
			LR	Time (Hrs:Mts)	LC	Time (Hrs:Mts)	B/D	Time (Hrs:Mts)	EL/OL	Time (Hrs:Mts)	ISF	Time (Hrs:Mts)	Nos.	Duration (Hrs. Mts)
1	Warangal	722	0	0:00	36518	82880:11	5669	25805:14	15559	2160:54	72607	108443:24	130353	219289:43
2	Karimnagar	895	0	0:00	741	620:31	415	1205:02	736	118:21	660	1627:05	2552	3570:59
3	Khammam	368	0	0:00	313	608:18	873	1681:11	413	65:03	0	0:00	1599	2354:32
4	Nizamabad	753	0	0:00	1232	2222:28	2425	12377:01	936	429:18	0	0:00	4593	15028:47
5	Adilabad	550	0	0:00	35215	15058:01	9677	6551:49	15510	3802:10	18442	13455:38	78844	38867:38
	Total	3288	0	0:00	74019	101389:29	19059	47620:17	33154	6575:46	91709	123526:07	217941	279111:39

Sl. No.	Circle	No. of 11 KV Feeders Existing MHQ	11 KV MHQ										Total	
			LR	Time (Hrs:Mts)	LC	Time (Hrs:Mts)	B/D	Time (Hrs:Mts)	EL/OL	Time (Hrs:Mts)	ISF	Time (Hrs:Mts)	Nos.	Duration (Hrs. Mts)
1	Warangal	49	0	0:00	1691	1190:24	136	239:47	920	113:23	1394	706:01	4141	2249:35
2	Karimnagar	40	0	0:00	795	206:59	288	153:24	731	135:59	717	1427:47	2531	1924:09
3	Khammam	40	0	0:00	291	605:15	326	391:48	496	72:04	0	0:00	1113	1069:07
4	Nizamabad	34	0	0:00	130	183:42	380	111:33	361	154:56	0	0:00	871	450:11
5	Adilabad	47	0	0:00	2285	1157:55	1297	658:45	2380	449:52	4068	2840:07	10030	5106:39
	Total	210	0	0:00	5192	3344:15	2427	1555:17	4888	926:14	6179	4973:55	18686	10799:41

Statement showing the Circle-wise cases reported during 2015-16

(Rs. in Lakhs)

Sl. No	Name of the Circle	No of cases Reported		Theft of material cases	Total	Case Registered Category-wise					Total	Provisional Assessment Amount		Total	Realised Assessment Amount		Total	No of cases Compounded		Total	No. of Cases Compounded Category-wise					Total	Compounding fee collected	Persons arrested
		Operation	DPE			I	II	III	V	Oth-ers		Operation	DPE		Operation	DPE		Operation	DPE		I	II	III	V	Oth-ers			
1	Warangal	8833	3509	0	12342	11782	429	15	114	2	12342	134.45	155.49	289.94	103.11	76.58	179.68	7781	3225	11006	10553	355	10	86	2	11006	93.03	7
2	Karimnagar	7020	3203	0	10223	9891	280	13	34	5	10223	64.50	141.16	205.66	44.01	81.96	125.97	5345	2304	7649	7400	220	9	15	5	7649	64.32	3
3	Khammam	6257	3090	0	9347	8996	185	4	159	3	9347	71.05	86.23	157.28	50.05	34.92	84.97	5922	2735	8657	8331	144	4	172	6	8657	60.90	2
4	Nizamabad	6809	2428	0	9237	8708	443	19	65	2	9237	91.76	109.26	201.02	86.30	69.63	155.93	6549	2338	8887	8405	399	13	66	4	8887	81.70	1
5	Adilabad	6727	3224	0	9951	9726	205	1	15	4	9951	53.62	83.25	136.87	41.85	53.10	94.95	6026	2839	8865	8706	148	2	6	3	8865	63.37	5
	Total	35646	15454	0	51100	49103	1542	52	387	16	51100	415.38	575.38	990.76	325.32	316.18	641.50	31623	13441	45064	43395	1266	38	345	20	45064	363.31	18

Statement showing the Circle-wise cases reported during 2016-17 (up to 30.09.2016)

(Rs. in Lakhs)

Sl. No	Name of the Circle	No of cases Reported		Theft of material cases	Total	Case Registered Category-wise					Total	Provisional Assessment Amount		Total	Realised Assessment Amount		Total	No of cases Compounded		Total	No. of Cases Compounded Category-wise					Total	Compounding fee collected	Persons arrested
		Operation	DPE			I	II	III	V	Others		Operation	DPE		Operation	DPE		Operation	DPE		I	II	III	V	Others			
1	Warangal	4641	1905	0	6546	6282	237	9	2	1	6531	77.69	131.71	209.40	73.30	50.07	123.37	4981	1994	6975	6655	268	10	40	2	6975	62.74	27
2	Karimnagar	3734	1799	0	5533	5361	148	7	10	7	5533	35.79	78.06	113.85	30.70	53.05	83.76	4091	1925	6016	5800	180	11	20	5	6016	50.81	21
3	Khammam	3246	1605	0	4851	4709	116	1	44	5	4875	32.78	49.60	82.38	45.50	18.94	64.44	3556	1765	5321	5143	135	2	38	3	5321	38.18	8
4	Nizamabad	3316	1409	0	4725	4509	191	5	17	3	4725	37.90	51.88	89.78	49.57	38.67	88.24	3469	1425	4894	4633	232	11	15	3	4894	44.55	21
5	Adilabad	3884	1891	0	5775	5608	135	1	28	3	5775	32.90	44.17	77.07	23.66	31.47	55.13	3756	2022	5778	5616	124	3	32	3	5778	42.15	8
	Total	18821	8609	0	27430	26469	827	23	101	19	27439	217.07	355.42	572.49	222.73	192.20	414.93	19853	9131	28984	27847	939	37	145	16	28984	238.43	85

APPENDIX-D
COURT CASES

Abstract of Court Cases in various forums in respect of IPP Division as on 27.05.2016 (Rs. in Crores)

Sl. No.	Name of the Forum	M/s. GVK		M/s. SPGL		M/s. LANCO		M/s. RELIANCE		Total	
		No. of Cases	Amount	No. of Cases	Amount	No. of Cases	Amount	No. of Cases	Amount	No. of Cases	Amount
1	TSERC (TABLE - A)	5	331.57	11	264.24	4	67.27	3	Covered in H.C	23	663.08
2	High Court (TABLE - B)	0	0	0	0	5	0.00	4	663.38	9	663.38
3	APTEL (TABLE - C)	0	0	2	80.58	1	0	0	0	3	80.58
4	Supreme Court (TABLE - D)	1	213.00	1	2.779	6	410.45	0	0	8	626.23
Total Cases of IPP Division		6	544.57	14	347.596	16	477.72	7	663.38	43	2033.27
5	APERC (TABLE - E)	4	331.57	11	264.237	4	143.45	3	Covered in H.C	22	739.26

TABLE - A
Details of Common Cases pending before TSERC as on 27.05.2016

(A) M/s.GVK INDUSTRIES LIMITED (Phase-I)

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Amount involved (Rs. in Crs.)	Name of the Advocate	Present Status
1	O.P.No.25 of 2015 (O.P.No.12/08 in APERC)	GVK Industries Ltd.	DISCOMs, APPCC & APTRANSCO	In the matter of MAT, MGO charges etc.	262.09	Sri.Y.Rama Rao, Advocate	Pending before TSERC
2	O.P.No.26 of 2015 (O.P.No.19/09 in APERC)	APTRANSCO	GVK Industries Ltd.	limiting the working capital to actual borrowings or as per Provisions of PPA which ever is less	0	Sri.Y.Rama Rao, Advocate	Pending before TSERC
3	O.P.No.54 of 2015 & I.A.No.11 of 2015 [[O.P.No. 24/13 & I.A.No.14/13 in APERC]]	GVK Industries Ltd.	DISCOMs, APPCC & APTRANSCO	Counter in Imbalance Charges - Reg.	1.99	Sri.Y.Rama Rao, Advocate	Pending before TSERC
4	O.P.No.55 of 2015 (O.P.No.23/13 in APERC)	GVK Industries Ltd.	DISCOMs, APPCC & APTRANSCO	Counter Petition on MAT- Reg.	67.49	Sri.Y.Rama Rao, Advocate	Pending before TSERC
5	O.P.No.34 of 2014 in APERC) in O.P.No.63 of 2015	GVK Industries Ltd	APEPDCL & 5 others	Petition filed for adjudication of disputes between the parties	0	Sri.Y.Rama Rao, Advocate	Pending before APERC
				TOTAL	331.57		

TABLE - A
Details of Common Cases pending before TSERC as on 27.05.2016

(B) M/s.SPECTRUM POWER GENERATION LIMITED

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Amount involved (Rs. in Crs.)	Name of the Advocate	Present Status
1	O.P.No.33 of 2015 (O.P.No.57 of 2011 in APERC)	APTRANSCO, DISCOMs & APPCC	Spectrum Power Gen. Ltd.	Petition seeking modification of the PPA signed between parties in respect of Deletion of usage of Naphtha as Supplementary fuel and others as Alternate fuel.	2.92	Sri.Y.Rama Rao, Advocate	Pending before TSERC
2	O.P.No.57 of 2015 (O.P.No.10 of 2014 in APERC)	Spectrum Power Gen. Ltd.	APTRANSCO, DISCOMs & APPCC	For adjudication of disputes between the parties with regard to Minimum Off Take Charges.	1.32	Sri.Y.Rama Rao, Advocate	Pending before TSERC
3	O.P.No.65 of 15 & I.A.No.14 of 15 (O.P.No.37 of 14 & I.A. No.9 of 14 in APERC)	Spectrum Power Gen. Ltd.	APTRANSCO & 5 Others	Seeking direction not to deduct of amounts of Rs.1,07,14,629/- claiming to be the recovery of disincentives for the tariff year <u>2012-13</u> from the monthly bills payable to the Petitioner in violation of ther terms of the PPA dt.23.01.1997 (Disincentives for 2012-13)	1.07	Sri.Y.Rama Rao, Advocate	Pending before TSERC
4	O.P.No.66 of 2015 (O.P.No.38 of 2014 in APERC)	Spectrum Power Gen. Ltd.	APTRANSCO & 5 Others	Petition seeking declaration that the petitioner is entitled to incentives of Rs.18,53,49,515/- and refund disincentives deducted for an amount of Rs.2,57,26,723/- (Disincentives for 2013-14)	21.11	Sri.Y.Rama Rao, Advocate	Pending before TSERC
5	R.P.No.6 of 2015 (R.P.1 of 2014 in O.P.No.44 of 2013 in APERC)	APTRANSCO & 5 Others	Spectrum Power Gen. Ltd.	Seeking review of the Commission's order dt.27.07.2013 in <u>O.P.No.44 of 2013</u>	0.40	Sri.Y.Rama Rao, Advocate	Pending before TSERC

TABLE - A
Details of Common Cases pending before TSERC as on 27.05.2016

(B) M/s.SPECTRUM POWER GENERATION LIMITED

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Amount involved (Rs. in Crs.)	Name of the Advocate	Present Status
6	O.P.(SR).No.07 of 15 (O.P.No.56/2014 in APERC)	Spectrum Power Gen. Ltd.	APTRANSCO & 5 Others	Approve and allo the completed capital cost of Rs.972.60 Crs. and direct to make payment outstanding amounts of the claims along with incentives (Rs.972.60 -Rs.748.43 Crs. approved capital cost)	224.17	Sri.Y.Rama Rao, Advocate	Pending before TSERC
7	O.P.No.69 of 2015 (S.R.No.52/2014 in APERC)	Spectrum Power Gen. Ltd.	APTRANSCO & 7 Others	To recover an amount of Rs.3,49,00,322/- deducted from the bills towards for disincentives for the tariff year 2013-14	3.49	Sri.Y.Rama Rao, Advocate	Pending before TSERC
8	O.P.No.70 of 2015 (S.R.No.53 of 2014 in APERC)	Spectrum Power Gen. Ltd.	APTRANSCO & 7 Others	To recover interest amounts of R.1.506 Crores on excess fixed charges paid to the Petitioner	1.51	Sri.Y.Rama Rao, Advocate	Pending before TSERC
9	O.P.No.71 of 2015 (S.R.No.61 of 2014 in APERC)	Spectrum Power Gen. Ltd.	APTRANSCO & 7 Others	To recover an amount of Rs.6,17,91,689/- due to Petitioner towards differential rebate for the period 2008 to 2014	6.18	Sri.Y.Rama Rao, Advocate	Pending before TSERC
10	O.P.No.72 of 2015 (S.R.No.62 of 2014 in APERC)	Spectrum Power Gen. Ltd.	APTRANSCO & 7 Others	To recover an amount of Rs.1,15,81,458/- due to Petitioner to towards excess rebate collected by DISCOMs.	1.16	Sri.Y.Rama Rao, Advocate	Pending before TSERC
11	O.P.No.73 of 2015 (S.R.No.63 of 2014 in APERC)	Spectrum Power Gen. Ltd.	APTRANSCO & 7 Others	To recover an amount of Rs.91.41 Lakhs due to Petitioner towards difference in variable charges along with interest.	0.91	Sri.Y.Rama Rao, Advocate	Pending before TSERC
				TOTAL	264.24		

TABLE - A
Details of Common Cases pending before TSERC as on 27.05.2016

(C) M/s.LANCO KONDAPALLI LIMITED

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Amount involved (Rs. in Crores)	Name of the Advocate	Present Status
1	O.P.No.52 of 2015 (O.P.No.85 of 2012 in APERC)	Lanco Kondapalli Power Ltd.	APPCC, APTRANSCO & DISCOMs	For Reimbursement of Minimum Fuel Off-Take Charges and other Fuel Transportation Charges being part of monthly bills	56.48	Sri.Y.Rama Rao, Advocate	Pending before TSERC
2	O.P.No.27 of 2015 (O.P.No.33 of 2009 in APERC)	Lanco Kondapalli Power Ltd.	APPCC, APTRANSCO & DISCOMs	Capacity Charges Claimed by M/s Lanco The APTRANSCO failed to pay Rs.76,18,13,282.00 along with Interest	Covered in S.C (C.A.No.603 6 of 2012)	Sri.Y.Rama Rao, Advocate	Pending before TSERC
3	O.P.No.28 of 2015 & I.A.No.2 of 2015 (O.P.No.42 of 2009 & IA No.4 of 2010 in APERC)	Lanco Kondapalli Power Ltd.	APPCC, APTRANSCO & DISCOMs	(a) Finance & Procurement Cost Reimbursement: Rs.10.79 Crs for the period <u>from 22.06.2000 to 10.08.2001.</u> (b) Interest for the above	10.79	Sri.Y.Rama Rao, Advocate	Pending before TSERC
4	O.P.No.83 of 2015 in TSERC	Lanco Kondapalli Power Ltd.	TSPCC, TSSPDCL & TSNPDCL	Petition seeking to question of non-payment of supplementary bills by the Licensees.		Sri.Y.Rama Rao, Advocate	Pending before TSERC
				TOTAL	67.27		

TABLE - A
Details of Common Cases pending before TSERC as on 27.05.2016

(D) M/s.Reliance Infrastructure Limited

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Amount involved (Rs. in Crores)	Name of the Advocate	Present Status
1	O.P.No.39 of 2015 (OP. No.79/2012 in APERC)	Reliance Infrastructure Ltd.	DISCOMs & APPCC	Deduction of discount on <u>deemed generation from the monthly bills</u> payable to the M/s RIL from the months of April, 2012 and May, 2012.	16.00	Sri.Y.Rama Rao, Advocate	Pending Before TSERC
2	O.P.No.44 of 2015 & I.A.No.09 of 2015 (OP. No.60/2013 & IA No.37 of 2013 in APERC)	APPCC & DISCOMs	Reliance Infrastructure Ltd.	1) Deletion of Alternate Fuel Clause 2) Investigation of the clandestine dismantling of Naphtha tanks.	39.39	Sri.Y.Rama Rao, Advocate	Pending Before TSERC
3	O.P.No.58 of 2015 and I.A.No.12 of 2015 (OP.No.12/2014 & I.A.No.3 of 2014 in APERC)	Reliance Infrastructure Ltd.	DISCOMs & APPCC	Seeking declaration that HSD is a alternative fuel in terms of Article-1.1.27 of the PPA and refund the unauthorised deductions of Rs.96,68,92,198/- made by the Respondents from the bills payable to the Petitioner	96.69	Sri.Y.Rama Rao, Advocate	Pending Before TSERC
				TOTAL	152.08		

TABLE - B (Commercial/IPP DIVISION)
LIST OF CASES PENDING BEFORE HIGH COURT as on 27.05.2016

A. M/s.LANCO Kondapalli Power Limited

Sl. No.	Case Number	Petitioner	Respondent	Description of the Case	Amount involved (Rs. in Crs.)	Name of the Advocate	Present Status
1	WP.No.7838/2004	M/s.Lanco Kondapalli Power Pvt. Ltd.	APDISCOMS	Challenging the Jurisdiction of APERC. The Honble High Court of AP on 26.04.2004 ordered interim stay of the impugned proceeding purported to be taken by the APERC in pursuance of the impugned notice in O.P.(S.R.)No.10/2004		Sri.R.Vinod Reddy, SLA/GoTS	Case is pending before High Court, since 2004.
2	CMA.No.1284 / 2008	APDISCOMS	M/s.Lanco Kondapalli Power Pvt. Ltd.	Refixing of Installed Capacity of Lanco from 368.144MW to 351.49MW.		Sri.R.Vinod Reddy, SLA/GoTS	Filed against order delivered on 08.09.2008 ie stated that interim suspension of the order of Lower court. High Court Order delivered on 05.11.08 that "there shall be ad-interim stay of all further proceedings pursuant to the order of city civil court.
3	CMA. No. 1285/2008	APDISCOMS	M/s.Lanco Kondapalli Power Pvt. Ltd.	Revision of Tariff of Lanco as per capital cost approved by CEA in a Final Financial Package.Filed against order delivered on 08.09.2008 of the II Addl. Chief Judge, City Civil Court, Hyderabad in O.P.No.2394 of 2004.		Sri.R.Vinod Reddy, SLA/GoTS	Case is pending before High Court
4	WP. No. 25317/2011	M/s.LANCO	APDISCOMS	APDISCOMS considering the Installed Capacity of the LANCO project as 361.92 MW as against 368.144 MW pending adjudication - Interim order passed by High Court.		Sri.R.Vinod Reddy, SLA/GoTS	Case is pending before High Court (Connected to W.P.No.7838 of 2004)
5	WP. No. 14332/2013	APDISCOMS	M/s.Lanco Kondapalli Power Pvt. Ltd.	(Liquidated Damages matter) - Interest Deduction, Challenging the order in R.P.No.1 of 2011 in O.P.No.23 of 2005 dated 23.04.2013 of APERC.		Sri.R.Vinod Reddy, SLA/GoTS	Interim orders issued to furnish BG for Rs.28 Cr by M/s.LANCO on 15.5.2013. Lanco has furnished Bank Guarantee. The Case is pending before High Court.
				Total:	0.00		

B. M/s.Reliance Infrastructure Limited

Sl. No.	Case Number	Petitioner	Respondent	Description of the Case	Amount involved (Rs. in Crs.)	Name of the Advocate	Present Status
1	WP No.32992/2014	M/s. Reliance Infra Structure Ltd.	APDISCOMS	on HSD as Alternate Fuel and other issues related to the billing matters.	235.38	Sri.R.Vinod Reddy, SLA/GoTS	Pending before High Court.
2	W.P.M.P.No.8 090 of 2016 (Injunction Petition)			To Restrain Respondent No.1 to 6 from deducting any amounts from the monthly bills of the Petitioner Company raised by the Petitioners Company from time to time as per Article-3.2 of the Power Purchase Agreement dated 31.03.1997			Counter Affidavits are filed on 18.04.2016 and arguments were taken up at Court No.30, High Court on 22.04.2016 after arguments between SLA/TSTRANSCO, SLA/APTRANSCO and Counsels of M/s.RIL, the Hon'ble Judge posted the case for hearing on 08.08.2016.
3	W.P.M.P.No.8 891 of 2016 (Direct Petition)			Direct the Respondents No.1 to 6 to refund the sum of Rs.428.00 Crores along with interest.	428.00		
4	W.P.M.P.No.8 894 of 2016 (Fix an early date)			To expedite hearing of the Writ Petition No.32992 of 2014 by fixing an early date for hearing and pass			
				Total:	663.38		

TABLE - C (Commercial/IPP DIVISION)
LIST OF CASES PENDING BEFORE APTEL as on 27.05.2016

Sl.No.	Case Number	Petitioner	Respondent	Description of the Case	Name of the Advocate/AOR	Amount involved (Rs. in Crs.)	Present Status
A. M/s.SPECTRUM POWER GENERATION LIMITED							
1	Appeal No.321/2013	APTRANSCO	M/s.Spectrum Power Gen. Ltd.	Appeal filed against the orders issued against the APERC orders dated 16.04.2013 favouring M/s SPGL in O.P.No:32/2009 in the matter of Treating the Bridge loan as Equity.	M/s.Swapna Seshadri & Anand K.Ganesan, New Delhi	80.58	Posted for hearing on 27.04.2016, pending before APTEL
2	Appeal No.257 of 2014 (O.P.No.87 of 2012 in APERC)	M/s.Spectrum Power Generation Ltd.	APTRANSCO	Deduction of an amount of Rs.25,61,35,157/- from the monthly bills payable to M/s.SPGL in violation of the terms of Power Purchase Agreement (PPA) dated 23.01.1997.	M/s.Swapna Seshadri & Anand K.Ganesan, New Delhi		M/s.SPGL Appeal dismissed and judgment passed on 18.03.2016 in favour of DISCOMS
				Total:		80.58	
B. M/s.LANCO Kondapalli Power Limited							
1	Appeal No.332/2013	M/s.LANCO	APDISCOMS	Against O.P.No.09 of 2011 of APERC order <u>Incentive for the period from 01.01.2009 to 31.12.2009</u> . PLF (I) of Rs.9,80,81,976/- to pay the balance amount of Rs.9,34,57,274/-	M/s.Swapna Seshadri & Anand K.Ganesan, New Delhi		M/s.LANCO Appeal dismissed and judgment passed on 20.01.2016 in favour of DISCOMS
				Total:		0	

TABLE - D
Details of Cases pending before Supreme Court as on 27.05.2016

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Name of the AOR/Senior Advocate	Amount involved (Rs. in Crores)	Present Status
(A) M/s.GVK INDUSTRIES LIMITED (Phase-I)							
1	C.A.No.5116/15 Appeal No.285/2013 & Appeal No.260/2013 (filed by M/s.GVK) in APTEL]	TSDISCOMs & APDISCOMs	M/s.GVK Industries Ltd.	[Order given by APTEL on Appeal filed against the orders issued by APERC on 13.08.2013 against APDISCOMs in O.P.No:04/2008 in the matter Completed capital Cost of M/s GVK Industries Ltd, Phase 1.]	Sri.Rakesh K.Sharma, AOR, New Delhi.	213.00	The Case is lastly appeared on 16.07.2015 (The case is admitted in Supreme Court, stay petition will be heard on representation of Respondents)
(B) M/s.SPECTRUM POWER GENERATION LIMITED							
1	Civil Appeal No.5786/2014	M/s.Spectrum Power Generation Ltd.	TSDISCOMs & APDISCOMs	In the matter of Minimum Guranteed Off-take charges	Sri.Rakesh K.Sharma, AOR, New Delhi.	2.779	Pending in Supreme Court (Case to be filed by SPCC) and likely to be listed on 07.10.2015

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Name of the AOR/Senior Advocate	Amount involved (Rs. in Crores)	Present Status
(C)	M/s.LANCO KONDAPALLI LIMITED						
1	CA. No. 6036/2012	APDISCOMS	M/s.Lanco Kondapalli Power Pvt. Ltd.	Appeal was filed against order dated 02.07.2012 of APTEL in Appeal No.129 of 2011 in the matter of Capacity Charges for Rs.76.18 Crores from 27.07.2000 to 01.01.2001 along with interest	Sri.A.Subba Rao, AOR & Sri.V.Giri, Sr. Advocate	76.18	The Hon'ble Supreme Court dismissed the Appeals for which judgement passed on 16.10.2015. Note put up to the Board for approval to file Review Petition before the Hon'ble Supreme Court
2	CA. No. 6061/2012	APDISCOMS	M/s.Lanco Kondapalli Power Pvt. Ltd.	Appeal was filled against APTEL order dated 02.07.2012 in Appeal No.128 of 2011, MAT for the period 2001 to 2005	Sri.A.Subba Rao, AOR & Sri.V.Giri, Sr. Advocate	26.5	
3	CA. No. 6138/2012	APDISCOMS	M/s.Lanco Kondapalli Power Pvt. Ltd.	Appeal was filed against Order dated 20.07.2012 of APTEL in Appeal No.113 of 2012, MAT for the period 2006 to 2009	Sri.A.Subba Rao, AOR & Sri.V.Giri, Sr. Advocate	20	-do-
4	S.L.P.No.28634 of 2012	APDISCOMS	M/s.Lanco Kondapalli Power Pvt. Ltd.	Appeal was filed against Order dated 13.06.2011 of APERC in O.P.No.18 of 2009, MAT for the period 2006 to 2009	Sri.A.Subba Rao, AOR & Sri.V.Giri, Sr. Advocate		
5	C.A. No.9304/2013	APDISCOMS	M/s. LANCO Kondapalli Power Limited	Reimbursement of MAT for the period of 2009 to 2012 along with interest, challenging the order dated 08.08.2013 in O.P.No.61 of 2012 passed by APERC.	Sri.A.Subba Rao, AOR & Sri.V.Giri, Sr. Advocate	50	-do-

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Name of the AOR/Senior Advocate	Amount involved (Rs. in Crores)	Present Status
6	C.A.No.4463/15 (Appeal No.154/2013)	TSDISCOMs & APDISCOMS	M/s. LANCO Kondapalli Power Limited	Liquidated Damages for Delay in commissining of the Project	Sri.G.Prabhakar Rao, AOR	237.77	On 27.07.15, interim order was issued by the Supreme Court to deposit an amount of Rs.100.00 Crs. in the Registry within a period of 12 weeks, which amount the Respondents would be at liberty to withdraw on furnishing a bank guarantee for the same.
				Total:		410.45	
(D)	M/s.Reliance Infrastructure Limited						
NIL							

TABLE - E
Details of Common Cases pending before APERC as on 27.05.2016

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Amount involved (Rs. in Crs.)	Name of the Advocate	Present Status
(A)	M/s.GVK INDUSTRIES LIMITED (Phase-I)						
1	O.P.No.12/08 in APERC	GVK Industries Ltd.	DISCOMs, APPCC & APTRANSCO	In the matter of MAT, MGO charges etc.	262.09	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 23.05.15 before APERC
2	O.P.No.19/09 in APERC	APTRANSCO	GVK Industries Ltd.	limiting the working capital to actual borrowings or as per Provisions of PPA which ever is less	0	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 23.05.15 before APERC
3	O.P.No. 24/13 & I.A.No.14/13 in APERC	GVK Industries Ltd.	DISCOMs, APPCC & APTRANSCO	Counter in Imbalance Charges - Reg.	1.99	Sri.Y.Rama Rao, Advocate	Pending in APERC
4	O.P.No.23/13 in APERC	GVK Industries Ltd.	DISCOMs, APPCC & APTRANSCO	Counter Petition on MAT- Reg.	67.49	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 30.05.15 before APERC
				TOTAL	331.57		

TABLE - E
Details of Common Cases pending before TSERC & APERC as on 27.05.2016

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Amount involved (Rs. in Crores)	Name of the Advocate	Present Status
(B)	M/s.SPECTRUM POWER GENERATION LIMITED						
1	O.P.No.57 of 2011 in APERC	APTRANSCO, DISCOMs & APPCC	Spectrum Power Gen. Ltd.	Petition seeking modification of the PPA signed between parties in respect of Deletion of usage of Naphtha as Supplementary fuel and others as Alternate fuel.	2.92	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 30.05.15 before APERC
2	O.P.No.10 of 2014 in APERC	Spectrum Power Gen. Ltd.	APTRANSCO, DISCOMs & APPCC	For adjudication of disputes between the parties with regard to Minimum Off Take Charges.	1.32	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 30.05.15 before APERC
3	O.P.No.37 of 2014 & I.A. No.9 of 2014 in APERC	Spectrum Power Gen. Ltd.	APTRANSCO & 5 Others	Seeking direction not to deduct of amounts of Rs.1,07,14,629/- claiming to be the recovery of disincentives for the tariff year <u>2012-13</u> from the monthly bills payable to the Petitioner in violation of their terms of the PPA dt.23.01.1997 (Disincentives for 2012-13)	1.07	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 30.05.15 before APERC
4	O.P.No.38 of 2014 in APERC	Spectrum Power Gen. Ltd.	APTRANSCO & 5 Others	Petition seeking declaration that the petitioner is entitled to incentives of Rs.18,53,49,515/- and refund disincentives deducted for an amount of Rs.2,57,26,723/- (Disincentives for 2013-14)	21.11	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 30.05.15 before APERC
5	R.P.No.1 of 2014 in O.P.No.44 of 2013 in APERC	APTRANSCO & 5 Others	Spectrum Power Gen. Ltd.	Seeking review of the Commission's order dt.27.07.2013 in <u>O.P.No.44 of 2013</u>	0.40	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 30.05.15 before APERC

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Amount involved (Rs. in Crores)	Name of the Advocate	Present Status
6	O.P.No.56/2014	Spectrum Power Gen. Ltd.	APTRANSCO & 5 Others	Capital Cost	224.17	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 30.05.15 before APERC
7	S.R.No.52/2014	Spectrum Power Gen. Ltd.	APTRANSCO & 7 Others	To recover an amount of Rs.3,49,00,322/- deducted from the bills towards for disincentives for the tariff year 2013-14	3.49	Sri.Y.Rama Rao, Advocate	Pending before TSERC
8	S.R.No.53 of 2014	Spectrum Power Gen. Ltd.	APTRANSCO & 7 Others	To recover interest amounts of R.1.506 Crores on excess fixed charges paid to the Petitioner	1.51	Sri.Y.Rama Rao, Advocate	Pending before TSERC
9	S.R.No.61 of 2014	Spectrum Power Gen. Ltd.	APTRANSCO & 7 Others	To recover an amount of Rs.6,17,91,689/- due to Petitioner towards differential rebate for the period 2008 to 2014	6.18	Sri.Y.Rama Rao, Advocate	Pending before TSERC
10	S.R.No.62 of 2014	Spectrum Power Gen. Ltd.	APTRANSCO & 7 Others	To recover an amount of Rs.1,15,81,458/- due to Petitioner to towards excess rebate collected by DISCOMs.	1.16	Sri.Y.Rama Rao, Advocate	Pending before TSERC
11	S.R.No.63 of 2014	Spectrum Power Gen. Ltd.	APTRANSCO & 7 Others	To recover an amount of Rs.91.41 Lakhs due to Petitioner towards difference in variable charges along with interest.	0.91	Sri.Y.Rama Rao, Advocate	Pending before TSERC
				TOTAL	264.24		

TABLE - E
Details of Common Cases pending before APERC as on 27.05.2016

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Amount involved (Rs. in Crores)	Name of the Advocate	Present Status
(C) M/s.LANCO KONDAPALLI LIMITED							
1	O.P.No.85 of 2012 in APERC	Lanco Kondapalli Power Ltd.	APPCC, APTRANSCO & DISCOMs	For Reimbursement of Minimum Fuel Off-Take Charges and other Fuel Transportation Charges being part of monthly bills	56.48	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 05.06.15 before APERC
2	O.P.No.33 of 2009 in APERC	Lanco Kondapalli Power Ltd.	APPCC, APTRANSCO & DISCOMs	Capacity Charges Claimed by M/s Lanco The APTRANSCO failed to pay Rs.76,18,13,282.00. along with Interest	76.18	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 30.05.15 before APERC
3	O.P.No.42 of 2009 & IA No.4 of 2010 in APERC	Lanco Kondapalli Power Ltd.	APPCC, APTRANSCO & DISCOMs	(a) Finance & Procurement Cost Reimbursement: Rs.10.79 Crs for the period <u>from 22.06.2000 to 10.08.2001.</u> (b) Interest for the above	10.79	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 05.06.15 before APERC
4	O.P.No.83 of 2015 in TSERC	Lanco Kondapalli Power Ltd.	TSPCC, TSSPDCL & TSNPDCL	Petition seeking to question of non-payment of supplementary bills by the Licensees.		Sri.Y.Rama Rao, Advocate	Pending before APERC
TOTAL					143.45		

TABLE - E
Details of Common Cases pending before APERC as on 27.05.2016

Sl. No	Case Number	Petitioner	Respondent	Gist of the Case	Amount involved (Rs. in Crores)	Name of the Advocate	Present Status
(D)	M/s.Reliance Infrastructure Limited						
1	OP.No.79/2012 in APERC	Reliance Infrastructure Ltd.	DISCOMs & APPCC	Deduction of discount on <u>deemed generation from the monthly bills</u> payable to the M/s RIL from the months of April, 2012 and May, 2012.	16 (Coverd in High Court)	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 05.06.15 before APERC
2	OP. No.60/2013 & IA No.37 of 2013 in APERC	APPCC & DISCOMs	Reliance Infrastructure Ltd.	1) Deletion of Alternate Fuel Clause 2) Investigation of the clandestine dismantling of Naphtha tanks.	39.39 (Covered in High Court)	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 05.06.15 before APERC
3	OP.No.12/2014 & I.A.No.3 of 2014 in APERC	Reliance Infrastructure Ltd.	DISCOMs & APPCC	Seeking declaration that HSD is a alternative fuel in terms of Article-1.1.27 of the PPA and refund the unauthorised deductions of Rs.96,68,92,198/- made by the Respondents from the bills payable to the Petitioner	96.69 (Covered in High Court)	Sri.Y.Rama Rao, Advocate	Scheduled for hearing on 05.06.15 before APERC
				TOTAL			

APPENDIX –E

RETAIL SUPPLY BUSINESS FILING FORMATS.

Company Name	TSNPDCL
Filing Date (dd/mm/yy)	30.11.2016
Multi Year Tariff Period	FY 2015-19
Year	FY2017-18
Commission' s Regulations	Reg-4/2005
Business type	Retail Supply of Electricity

S. No.	Title	Form No.
1	Aggregate Revenue Requirement for Retail Supply Business	Form 1
2	Transmission Cost	Form 1.1
3	SLDC Charges	Form 1.2
4	Distribution Cost	Form 1.3
5	Power Purchase and Procurement Cost (For Regulated Business)	Form 1.4
6	NCE Generation (Base Year)	Form 1.4 (i)
7	NCE Generation (Year 1)	Form 1.4(ii)
8	NCE Generation (Year 2)	Form 1.4(iii)
9	NCE Generation (Year 3)	Form 1.4(iv)
10	NCE Generation (Year 4)	Form 1.4(v)
11	NCE Generation (Year 5)	Form 1.4(vi)
12	Power Purchase and Procurement Cost (For Non-regulated Business)	Form 1.4a
13	Sales to Licensees	Form 1.4b
14	Discom-Discom Purchases	Form 1.4c
15	Interest on Consumer Security Deposits	Form 1.5
16	Supply Margin	Form 1.6
17	Other Costs	Form 1.7
18	New consumer categories	Form A
19	Cost of Service: Embedded Cost Method	Form 2
20	Sales Forecast	Form 3
21	Power Purchase Requirement	Form 4
22	Energy Losses (Distribution System)	Form 4a
23	Transmission Losses	Form 4b
24	Energy Availability	Form 4.1
25	Energy Dispatch	Form 4.2
26	Revenue from Current Tariffs	Form 5
27	Incentives at current Tariffs	Form 5a
28	Consumers switching to competition	Form 5b
29	Consumers served under Open Access as per Section 42 and Section 49 of E Act	Form 5c
30	Non-tariff Income at current charges	Form 6
31	Total Revenue at Current tariff and Charges	Form 7
32	Revenue Deficit/Surplus at current tariff and charges	Form 8
33	Revenue Deficit/Surplus and Proposed Adjustments	Form 9
34	Revenue from Proposed Tariffs	Form 10
35	Incentives at Proposed Tariffs	Form 10a
36	Non-tariff Income at proposed charges	Form 11
37	Total Revenue at Proposed Tariff and Charges	Form 12
38	Cost and Revenue	Form 13

Notes:

1)	Base Year	Base Year for the First control period FY15-19 is FY2013-14															
	2014-15	Year 1 is the First Year of the control Period, FY2014-15															
	2015-16	Year 2 is the Second Year of the control Period, FY2015-16															
	2016-17	Year 3 is the Third Year of the control Period, FY2016-17															
	2017-18	Year 4 is the Fourth Year of the control Period, FY2017-18															
	2018-19	Year 5 is the Five Year of the control Period, FY2018 -19															
2)	Filings 2013-14, Licensees shall provide	Full projections for FY2015-16 Estimates for FY2014-15 based on actuals for first half of the year Actuals for FY2013-14															
3)	Regulated Business:	The retail supply of electricity to (i) consumers within the area of supply of the licensee and not eligible to avail Open Access as per Commission's Regulations (ii) consumers within the area of supply of the licensee and eligible to avail Open Access but not exercising their option of availing open access.															
	Non-regulated Business:	The retail supply of electricity to consumers availing supply under open access from the licensee either forming the part of area of supply of the licensee or outside the area of supply of the licensee.															
4)	Direct Non-Tariff Income:	Non-Tariff income which is directly identifiable with a consumer category.															
	Apportioned Non-Tariff Income:	Non-Tariff income which is not directly identifiable with a consumer category. It shall be appropriately apportioned across various consumer categories.															
5)	New Categories	The Licensees shall add the proposed categories in Form A, the new categories would be then updated automatically in other forms The new categories are segregated voltage-wise in Form A															
6)	Modification/addition of Slabs/sub categories for LT consumers should be carried out in Form 7 for Current Tariff and Form 12 for Proposed Tariff. See notes in the relevant form for details																
7)	Phasing of Open Access as per Regulation 2 of 2005 of APERC																
	Eligibility Criteria for Open Access																
	<table border="1"> <thead> <tr> <th>Phase</th> <th>Eligibility criteria</th> <th>Commencement date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity</td> <td>September, 2005</td> </tr> <tr> <td>2</td> <td>Contracted capacity being greater than 5 MW</td> <td>September, 2005</td> </tr> <tr> <td>3</td> <td>Contracted capacity being greater than 2 MW</td> <td>September, 2006</td> </tr> <tr> <td>4</td> <td>Contracted capacity being greater than 1 MW</td> <td>April, 2008</td> </tr> </tbody> </table>	Phase	Eligibility criteria	Commencement date	1	Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity	September, 2005	2	Contracted capacity being greater than 5 MW	September, 2005	3	Contracted capacity being greater than 2 MW	September, 2006	4	Contracted capacity being greater than 1 MW	April, 2008	
Phase	Eligibility criteria	Commencement date															
1	Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity	September, 2005															
2	Contracted capacity being greater than 5 MW	September, 2005															
3	Contracted capacity being greater than 2 MW	September, 2006															
4	Contracted capacity being greater than 1 MW	April, 2008															
8)	Terminology for Open Access Status																
	<table border="1"> <tbody> <tr> <td>1</td> <td>Load not eligible for Open Access</td> <td>Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.</td> </tr> <tr> <td>2</td> <td>Load Eligible for Open Access</td> <td>Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.</td> </tr> <tr> <td>3</td> <td>Availed (within area of supply)</td> <td>Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.</td> </tr> <tr> <td>4</td> <td>Availed (Outside Area of supply)</td> <td>Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.</td> </tr> </tbody> </table>	1	Load not eligible for Open Access	Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.	2	Load Eligible for Open Access	Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.	3	Availed (within area of supply)	Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.	4	Availed (Outside Area of supply)	Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.				
1	Load not eligible for Open Access	Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.															
2	Load Eligible for Open Access	Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.															
3	Availed (within area of supply)	Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.															
4	Availed (Outside Area of supply)	Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.															

Form 1 Aggregate Revenue Requirement for Retail Supply Business

Amount(In Rs crores)

Revenue Requirement Item (Rs. Crs.)	Details link	For Control Period						
		Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	
1	Transmission Cost	Form 1.1	227.46	257.81	342.51	432.89	472.27	0.00
2	SLDC Cost	Form 1.2	6.72	10.22	11.02	12.05	13.04	0.00
3	Distribution Cost	Form 1.3	972.60	1,226.76	1,203.15	1,390.17	1,632.93	0.00
4	PGCIL Expenses		91.23	164.74	135.00	246.18	372.48	
5	ULDC Charges		4.32	2.56	3.47	2.69	3.32	
6	Network and SLDC Cost (1+2+3+4+5)		1,302.33	1,662.09	1,695.15	2,083.98	2,494.05	0.00
7	Power Purchase / Procurement Cost	Form 1.4	4,378.49	5,244.18	6,424.93	6,601.55	7,326.43	0.00
8	Interest on Consumer Security Deposits	Form 1.5	38.65	42.32	41.60	41.91	46.52	0.00
9	Supply Margin in Retail Supply Business	Form 1.6	6.76	7.54	8.99	10.71	13.14	0.00
10	Other Costs, if any	Form 1.7	0.18	3.26	5.75	5.75	5.75	0.00
11	Supply Cost (7+8+9+10)		4,424.08	5,297.30	6,481.26	6,659.92	7,391.84	0.00
12	Aggregate Revenue Requirement (6+11)		5,726.41	6,959.39	8,176.42	8,743.89	9,885.89	0.00

Note:	
1	The Revenue Requirement Items are cost borne for supply of power to consumers within the area of supply of the Licensees and not availing supply under Open Access.
2	Transmission Cost refers to the transmission cost borne by the licensee to serve the consumers within the area of the supply and not availing supply under Open Access
3	SLDC cost refers to the SLDC Charges paid to serve the consumers within the area of the supply and not availing supply under Open Access
4	Distribution Cost refers to the distribution cost borne by the licensee to serve the consumers within the area of the supply and not availing supply under Open Access
5	PGCIL and ULDC Expenses to be submitted in this form.

Form 1.1

Transmission Cost

Transmission Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)

- 1) Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access
- 2) Provide PGCIL and ULDC charges directly in Form 1.

Base Year

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Load Eligible for Open Access			Open Access			Availed (Outside Area of supply)			Remarks
							Availed (within area of supply)						
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TSTRANSCO	2484.26	61.03	181.93	621.74	61.03	45.53							
Total	2484.26		181.93	621.74		45.53	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Load Eligible for Open Access			Open Access			Availed (Outside Area of supply)			Remarks
							Availed (within area of supply)						
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TSTRANSCO													
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	

Total Long term + Short term Contracts ((A) + (B))	2484.26		181.93	621.74		45.53	0.00		0.00	0.00		0.00	
---	---------	--	--------	--------	--	-------	------	--	------	------	--	------	--

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TSTRANSCO	2649.04	65.30	207.58	641.00	65.30	50.23							
TSTRANSCO													
diff cost adj.													
Total	2649.04		207.58	641.00		50.23	0.00			0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TSTRANSCO													
Total	0.00		0.00	0.00		0.00	0.00			0.00	0.00		0.00
Total Long term + Short term Contracts (A) + (B)	2649.04		207.58	641.00		50.23	0.00			0.00	0.00		0.00

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Load Eligible for Open Access			Open Access			Avalled (Outside Area of supply)			Remarks
	Load not eligible for Open Access			Load Eligible for Open Access			Avalled (within area of supply)			Avalled (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TSTRANSCO	3064.45	76.66	281.91	658.81	76.66	60.60							
Total	3064.45		281.91	658.81		60.60	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Load Eligible for Open Access			Open Access			Avalled (Outside Area of supply)			Remarks
	Load not eligible for Open Access			Load Eligible for Open Access			Avalled (within area of supply)			Avalled (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TSTRANSCO													
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts (A) + (B)	3064.45		281.91	658.81		60.60	0.00		0.00	0.00		0.00	

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TSTRANSCO	3289.80	91.36	360.67	658.81	91.36	72.23							
Total	3289.80		360.67	658.81		72.23	0.00			0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TSTRANSCO													
Total	0.00		0.00	0.00		0.00	0.00			0.00	0.00		0.00
Total Long term + Short term Contracts (A) + (B)	3289.80		360.67	658.81		72.23	0.00			0.00	0.00		0.00

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Load Eligible for Open Access			Open Access Availed (within area of supply)			Open Access Availed (Outside Area of supply)			Remarks
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
	TSTRANSCO	3467.87	95.37	396.88	658.81	95.37	75.40						
Total	3467.87		396.88	658.81		75.40	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Load Eligible for Open Access			Open Access Availed (within area of supply)			Open Access Availed (Outside Area of supply)			Remarks
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
	TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts (A) + (B)	3467.87		396.88	658.81		75.40	0.00		0.00	0.00		0.00	

Form 1.2

SLDC Charges

SLDC Charges to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT. (Refer to Notes for the relevant definitions.)

Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access

Base Year

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	2484.26	4755.66	1.18	2484.26	1406.08	4.19	5.37	
Open Access								
Load Eligible for Open Access	621.74	4755.66	0.30	621.74	1406.08	1.05	1.34	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

Year 1 2014-15

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	2649.04	2535.65	0.67	2649.04	2378.11	7.56	8.23	
Open Access								
Load Eligible for Open Access	641.00	2535.65	0.16	641.00	2378.11	1.83	1.99	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

Year 2 2015-16

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	3064.45	3092.78	0.95	3064.45	2209.34	8.12	9.07	
Open Access								
Load Eligible for Open Access	658.81	3092.78	0.20	658.81	2209.34	1.75	1.95	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

Year 3 2016-17

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	3289.80	3533.18	1.16	3289.80	2247.62	8.87	10.04	
Open Access								
Load Eligible for Open Access	658.81	3533.18	0.23	658.81	2247.62	1.78	2.01	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

Year 4 2017-18

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	3467.87	3995.39	1.39	3467.87	2300.31	9.57	10.96	
Open Access								
Load Eligible for Open Access	658.81	3995.39	0.26	658.81	2300.31	1.82	2.08	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

Year 5 2018-19

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access			0.00			0.00	0.00	
Open Access								
Load Eligible for Open Access			0.00			0.00	0.00	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

Form 1.3

Distribution Cost

Distribution Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)
 Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
 See Notes Sheet for Phasing of Open Access.

Base Year

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TS NPDCL (33 KV)				116.47	23.49	3.28			0.00				
TS NPDCL (11 KV)				22.91	85.94	2.36			0.00				
TSNPDCL LT					185.52	0.00			0.00				
Total (Non Eligible OA Cost)			966.95										
Total	0.00		966.95	139.38		5.65	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		966.95	139.38		5.65	0.00		0.00	0.00		0.00	

2014-15

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TS NPDCL (33 KV)				118.22	10.69	1.52							
TS NPDCL (11 KV)				26.41	218.45	6.92							
TSNPDCL LT					484.50								
Total (Non Eligible OA Cost)			1218.32										
Total	0.00		1218.32	144.63		8.44	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		1218.32	144.63		8.44	0.00		0.00	0.00		0.00	

2015-16

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TS NPDCL (33 KV)				111.67	13.74	1.84							
TS NPDCL (11 KV)				23.27	259.09	7.23							
TSNPDCL LT					576.16								
Total (Non Eligible OA Cost)			1194.07										
Total	0.00		1194.07	134.94		9.08	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		1194.07	134.94		9.08	0.00		0.00	0.00		0.00	

2016-17

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TS NPDCL (33 KV)				111.67	13.20	1.77							
TS NPDCL (11 KV)				23.27	321.20	8.97							
TSNPDCL LT					691.33								
Total (Non Eligible OA Cost)			1379.43										
Total	0.00		1379.43	134.94		10.74	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		1379.43	134.94		10.74	0.00		0.00	0.00		0.00	

2017-18

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
	Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)						
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TS NPDCL (33 KV)				111.67	14.28	1.91							
TS NPDCL (11 KV)				23.27	32.70	0.91							
TSNPDCL LT					714.49								
Total (Non Eligible OA Cost)			1630.10										
Total	0.00		1630.10	134.94		2.83	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
	Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)						
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
												1632.93	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		1632.93	
Total Long term + Short term Contracts ((A) + (B))	0.00		1630.10	134.94		2.83	0.00		0.00	0.00		1632.93	

Refer to Notes for the definition

Base Year																				Remarks			
Generating Station	D Link	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)									
						Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total				
TSGENCO																							
Thermal																							
VTSP I						1292.15	1292.15	72.54	304.49	0.00	0.00	0.00	0.00	0.00	377.02	0.56	0.00	0.00	0.00	2.36	2.92		
VTSP II						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VTSP III						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VTSP IV						571.23	571.23	77.69	173.11	0.00	0.00	0.00	0.00	0.00	250.80	1.36	0.00	0.00	0.00	3.03	4.39		
RTPP I						366.27	366.27	32.60	121.63	0.00	0.00	0.00	0.00	0.00	154.23	0.89	0.00	0.00	0.00	3.32	4.21		
RTPP Stage-II						437.41	437.41	65.73	145.25	0.00	0.00	0.00	0.00	0.00	210.98	1.50	0.00	0.00	0.00	3.32	4.82		
RTPP Stage-III						203.61	203.61	44.47	67.61	0.00	0.00	0.00	0.00	0.00	112.09	2.18	0.00	0.00	0.00	3.32	5.50		
KTPS A						603.73	603.73	48.05	148.82	0.00	0.00	0.00	0.00	0.00	194.67	0.76	0.00	0.00	0.00	2.48	3.22		
KTPS B						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS C						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS D						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS Stage VI						513.96	513.96	32.80	100.78	0.00	0.00	0.00	0.00	0.00	133.58	0.64	0.00	0.00	0.00	1.96	2.60		
RTS B						63.59	63.59	6.29	15.61	0.00	0.00	0.00	0.00	0.00	21.90	0.99	0.00	0.00	0.00	2.45	3.44		
NTS						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kakatiya Thermal Power Plant Stage I						466.30	466.30	87.14	97.97	0.00	0.00	0.00	0.00	0.00	185.11	1.87	0.00	0.00	0.00	2.10	3.97		
Kakatiya Thermal Power Plant Stage II						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS Stage VI Infirm Power						0.00	0.00	93.53	137.60	0.00	0.00	0.00	0.00	0.00	231.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Thermal Incentive for the FY 2013-14						0.00	0.00	0.00	0.00	2.54	18.71	-156.00	0.00	-134.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						514.30	514.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL THERMAL			0.00		0.00	5032.54	5032.54	558.85	1312.67	2.54	18.71	-156.00	0.00	1736.77	1.11	0.01	0.04	-0.31	2.61	3.45			
MACHKUND PH AP Share						49.31	49.31	2.41	0.00	0.00	0.00	0.00	0.00	2.41	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.49	
TUNGBHADRA PH AP Share						24.29	24.29	1.65	0.00	0.00	0.00	0.00	0.00	1.65	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.68	
USL						71.64	71.64	7.07	0.00	0.00	0.00	0.00	0.00	7.07	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.99	
LSR						198.00	198.00	12.10	0.00	0.00	0.00	0.00	0.00	12.10	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.61	
DONKARAYI						18.30	18.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SSLM						234.38	234.38	23.10	0.00	0.00	0.00	0.00	0.00	23.10	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.99	
NSPH						211.71	211.71	22.93	0.00	0.00	0.00	0.00	0.00	22.93	1.08	0.00	0.00	0.00	0.00	0.00	0.00	1.08	
NSRCPH						33.23	33.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NSLCPH						15.39	15.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
POCHAMPAD PH						10.19	10.19	4.55	0.00	0.00	0.00	0.00	0.00	4.55	4.46	0.00	0.00	0.00	0.00	0.00	0.00	4.46	
NIZAMSAGAR PH						1.99	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	
PABM						0.76	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	
MINI HYDRO&OTHERS						1.49	1.49	0.95	0.00	0.00	0.00	0.00	0.00	0.95	6.42	0.00	0.00	0.00	0.00	0.00	0.00	6.42	
SINGUR						0.68	0.68	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	
SSLM LCPH						210.31	210.31	78.30	0.00	0.00	0.00	0.00	0.00	78.30	3.72	0.00	0.00	0.00	0.00	0.00	0.00	3.72	
Nagarjunasagar Tail Pond Dam Power House						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Priyadarshini Jurala Hydro Electric Project- AP Share						42.29	42.29	19.08	0.00	0.00	0.00	0.00	0.00	19.08	4.51	0.00	0.00	0.00	0.00	0.00	0.00	4.51	
Lower Jurala Hydro Electric Project						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ramagiri Wind Mills						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PULICHINTAL(New Project)						3.05	3.05	0.85	0.00	0.00	0.00	0.00	0.00	0.85	2.79	0.00	0.00	0.00	0.00	0.00	0.00	2.79	
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL HYDRO			0.00		0.00	1127.01	1127.01	172.98	0.00	0.00	0.00	0.00	172.98	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	
TOTAL TSGENCO			0.00		0.00	6159.56	6159.56	731.83	1312.67	2.54	18.71	-156.00	0.00	1909.75	1.19	0.00	0.03	-0.25	2.13	3.10			
Central Generating Stations																							
NTPC																							
NTPC (SR)																							
NTPC (SR)						753.96	753.96	46.35	158.77	0.00	0.00	0.00	0.00	205.12	0.61	0.00	0.00	0.00	2.11	2.72			
NTPC (SR) Stage III						210.30	210.30	19.77	56.45	0.00	0.00	0.00	0.00	76.22	0.94	0.00	0.00	0.00	2.68	3.62			

NLC TS-II																		
Stage-I				130.06	130.06	9.56	27.99	0.00	0.00	0.00		37.55	0.74	0.00	0.00	0.00	2.15	2.89
Stage-II				227.45	227.45	16.17	46.71	0.00	0.00	0.00		62.88	0.71	0.00	0.00	0.00	2.05	2.76
Total NLC			0.00	0.00	357.51	357.51	25.73	74.70	0.00	0.00	0.00	100.43	0.72	0.00	0.00	0.00	2.09	2.81
NPC																		
NPC-MAPS				27.76	27.76	0.00	5.76	0.00	0.00	0.00		5.76	0.00	0.00	0.00	0.00	2.07	2.07
NPC-Kaiga unit I				148.33	148.33	0.84	44.76	0.00	0.00	0.00		45.60	0.06	0.00	0.00	0.00	3.02	3.07
NPC-Kaiga unit II				150.52	150.52	-0.21	45.42	0.00	0.00	0.00		45.20	-0.01	0.00	0.00	0.00	3.02	3.00
Total NPC			0.00	0.00	326.61	326.61	0.63	95.93	0.00	0.00	0.00	96.56	0.02	0.00	0.00	0.00	2.94	2.96
NTPC - Simhadri																		
NTPC Simhadri Stage I				1138.92	1138.92	135.31	271.08	0.00	0.00	0.00		406.39	1.19	0.00	0.00	0.00	2.38	3.57
NTPC Simhadri Stage II				506.61	506.61	88.27	121.83	0.00	0.00	0.00		210.10	1.74	0.00	0.00	0.00	2.40	4.15
Total NTPC - Simhadri			0.00	0.00	1645.54	1645.54	223.58	392.91	0.00	0.00	0.00	616.49	1.36	0.00	0.00	0.00	2.39	3.75
CGS - New																		
Vallur Thermal Power Plant				83.21	83.21	17.78	17.78	0.00	0.00	0.00		35.56	2.14	0.00	0.00	0.00	2.14	4.27
0				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
0				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
0				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
0				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CGS			0.00	0.00	3816.35	3816.35	372.60	865.42	0.00	0.00	0.00	1238.02	0.98	0.00	0.00	0.00	2.27	3.24
APGPCL																		
APGPCL I - Allocated capacity				9.52	9.52	0.39	2.47	0.00	0.00	0.00		2.86	0.41	0.00	0.00	0.00	2.60	3.01
APGPCL I - Unutilised capacity				1.31	1.31	0.00	0.34	0.00	0.00	0.00		0.34	0.00	0.00	0.00	0.00	2.56	2.56
APGPCL II - Allocated capacity				25.58	25.58	0.74	7.10	0.00	0.00	0.00		7.84	0.29	0.00	0.00	0.00	2.77	3.06
APGPCL II - Unutilised capacity				1.02	1.02	0.00	0.29	0.00	0.00	0.00		0.29	0.00	0.00	0.00	0.00	2.83	2.83
Total APGPCL			0.00	0.00	37.44	37.44	1.13	10.19	0.00	0.00	0.00	11.32	0.30	0.00	0.00	0.00	2.72	3.02
IPPS																		
GVK				151.48	151.48	16.58	33.20	0.00	0.00	0.00		49.78	1.09	0.00	0.00	0.00	2.19	3.29
Spectrum				167.23	167.23	16.40	41.42	0.00	0.00	0.00		57.82	0.98	0.00	0.00	0.00	2.48	3.46
Kondapalli (Naphtha)				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)				223.57	223.57	35.18	50.41	0.00	0.00	0.00		85.59	1.57	0.00	0.00	0.00	2.25	3.83
BSES				73.08	73.08	7.37	11.97	0.00	0.00	0.00		19.33	1.01	0.00	0.00	0.00	1.64	2.65
GVK Extension				0.23	0.23	0.04	0.00	0.00	0.00	-4.62		-4.58	1.81	0.00	0.00	-200.63	0.00	-198.82
Vemagiri				24.32	24.32	2.59	18.16	0.00	0.00	0.00		20.75	1.07	0.00	0.00	0.00	7.47	8.53
Gautami				0.00	0.00	2.12	0.00	0.00	0.00	-9.10		-6.99	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema				0.71	0.71	0.08	0.00	0.00	0.00	-25.36		-25.28	1.10	0.00	0.00	-355.35	0.00	-354.25
0				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
0				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS			0.00	0.00	640.62	640.62	80.36	155.16	0.00	0.00	-39.08	196.44	1.25	0.00	0.00	-0.61	2.42	3.07
NCE																		
NCE - Bio-Mass				100.90	100.90	0.00	116.92	0.00	0.00	0.00		116.92	0.00	0.00	0.00	0.00	11.59	11.59
NCE - Bagasse				112.57	112.57	0.00	32.63	0.00	0.00	0.00		32.63	0.00	0.00	0.00	0.00	2.90	2.90
NCE - Municipal Waste to Energy				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Wind Power				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel				5.25	5.25	0.00	3.92	0.00	0.00	0.00		3.92	0.00	0.00	0.00	0.00	7.47	7.47
NCE - NCL Energy Ltd				3.25	3.25	0.00	0.58	0.00	0.00	0.00		0.58	0.00	0.00	0.00	0.00	1.80	1.80
NCE-Others				60.47	60.47	0.00	-30.93	0.00	0.00	0.00		-30.93	0.00	0.00	0.00	0.00	-5.11	-5.11
TOTAL NCE			0.00	0.00	282.44	282.44	0.00	123.13	0.00	0.00	0.00	123.13	0.00	0.00	0.00	0.00	4.36	4.36
OTHERS																		
Srivathsa				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sponge Iron *				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Water Plant *				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kesoram *				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Essar Steels *				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
0				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARKET																		
PTC				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPDCL				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EPDCL				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPDCL				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPDCL				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Short Term Sources				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PGCIL UI Energy				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
NTPC Simhadri UI Energy				0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

Other Short Term Sources (Net after Sales)					1262.04	1262.04	0.00	791.92	0.00	0.00	0.00	791.92	0.00	0.00	0.00	0.00	6.27	6.27
Medium Term Sources/Traders (Medium Term)					259.06	259.06	39.71	68.22	0.00	0.00	0.00	107.92	1.53	0.00	0.00	0.00	2.63	4.17
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET			0.00	0.00	1521.10	1521.10	39.71	860.13	0.00	0.00	0.00	899.84	0.26	0.00	0.00	0.00	5.65	5.92
TOTAL (From All Sources)			0.00	0.00	12457.50	12457.50	1225.62	3326.71	2.54	18.71	-195.08	4378.49	0.98	0.00	0.02	-0.16	2.67	3.51

Note:
1) Details of NCE Plant wise to be filled in Form 1.4 [(iii,iii,iv)]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost Station wise, provide the total details in the empty rows in the TSGENCO Hydro stations section saying ALL TSGENCO Hydro (Combined)

2014-15

Generating Station	D Link	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					Remarks
						Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incvt	Inc. Tax	Others	Variable	
TSGENCO																			
Thermal																			
VTSP I						1280.03	1280.03	76.44	385.13	0.00	0.00	0.00	461.57	0.60	0.00	0.00	0.00	3.01	3.61
VTSP II						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTSP III						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTSP IV						536.01	536.01	79.90	155.08	0.00	0.00	0.00	234.98	1.49	0.00	0.00	0.00	2.89	4.38
RTPP I						375.13	375.13	35.19	135.01	0.00	0.00	0.00	170.20	0.94	0.00	0.00	0.00	3.60	4.54
RTPP Stage-II						426.49	426.49	64.68	145.20	0.00	0.00	0.00	209.88	1.52	0.00	0.00	0.00	3.40	4.92
RTPP Stage-III						199.11	199.11	49.06	68.86	0.00	0.00	0.00	117.92	2.46	0.00	0.00	0.00	3.46	5.92
KTPS A						626.39	626.39	57.65	161.24	0.00	0.00	0.00	218.89	0.92	0.00	0.00	0.00	2.57	3.49
KTPS B						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D						490.92	490.92	34.75	102.01	0.00	0.00	0.00	136.76	0.71	0.00	0.00	0.00	2.08	2.79
KTPS Stage VI						583.88	583.88	90.73	175.65	0.00	0.00	0.00	266.38	1.55	0.00	0.00	0.00	3.01	4.56
RTS B						26.92	26.92	8.37	2.00	0.00	0.00	10.37	3.11	0.00	0.00	0.00	0.74	3.85	
NTS						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I						612.83	612.83	105.07	140.02	0.00	0.00	0.00	245.08	1.71	0.00	0.00	0.00	2.28	4.00
Kakatiya Thermal Power Plant Stage II						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - I						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - II						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00												
						0.00	0.00												
						0.00	0.00												
						0.00	0.00												
TOTAL THERMAL			0.00	0.00	5157.70	5157.70	601.85	1470.19	0.00	0.00	0.00	2072.04	1.17	0.00	0.00	0.00	2.85	4.02	
MACHKUND PH AP Share						28.89	28.89	2.33	0.00	0.00	0.00	2.33	0.81	0.00	0.00	0.00	0.00	0.81	
TUNGBHADRA PH AP Share						21.38	21.38	1.60	0.00	0.00	0.00	1.60	0.75	0.00	0.00	0.00	0.00	0.75	
USL						15.37	15.37	1.20	0.00	0.00	0.00	1.20	0.78	0.00	0.00	0.00	0.00	0.78	
LSR						42.06	42.06	2.30	0.00	0.00	0.00	2.30	0.55	0.00	0.00	0.00	0.00	0.55	
DONKARAYI						4.20	4.20	0.12	0.00	0.00	0.00	0.12	0.30	0.00	0.00	0.00	0.00	0.30	
SSLM						14.72	14.72	4.21	0.00	0.00	0.00	4.21	2.86	0.00	0.00	0.00	0.00	2.86	
NSPH						291.96	291.96	21.40	0.00	0.00	0.00	21.40	0.73	0.00	0.00	0.00	0.00	0.73	
NSRCPH						0.00	0.00	0.40	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	
NSLCPH						12.81	12.81	1.57	0.00	0.00	0.00	1.57	1.23	0.00	0.00	0.00	0.00	1.23	
POCHAMPAD PH						1.44	1.44	2.01	0.00	0.00	0.00	2.01	13.94	0.00	0.00	0.00	0.00	13.94	
NIZAMSAGAR PH						1.24	1.24	0.74	0.00	0.00	0.00	0.74	6.00	0.00	0.00	0.00	0.00	6.00	
PABM						-0.01	-0.01	0.25	0.00	0.00	0.00	0.25	-214.78	0.00	0.00	0.00	0.00	-214.78	
MINI HYDRO&OTHERS						0.24	0.24	0.69	0.00	0.00	0.00	0.69	28.22	0.00	0.00	0.00	0.00	28.22	
SINGUR						1.46	1.46	1.35	0.00	0.00	0.00	1.35	9.24	0.00	0.00	0.00	0.00	9.24	
SSLM LCPH						519.12	519.12	79.70	0.00	0.00	0.00	79.70	1.54	0.00	0.00	0.00	0.00	1.54	
Nagarjunasagar Tail Pond Dam Power House						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Priyadarshini Jurala Hydro Electric Project- AP Share						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lower Jurala Hydro Electric Project						59.65	59.65	11.49	0.00	0.00	0.00	11.49	1.93	0.00	0.00	0.00	0.00	1.93	
POCHAMPAD Sttg-II						0.73	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PULICHINTAL(New Project)						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Mini HYDRO(Chettaiapeta)						0.12	0.12	0.15	0.00	0.00	0.00	0.15	13.29	0.00	0.00	0.00	0.00	13.29	
Ramagiri Wind Mills						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pochampad Sttg-VI						0.13	0.13	0.79	0.00	0.00	0.00	0.79	60.39	0.00	0.00	0.00	0.00	60.39	
0						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL HYDRO			0.00	0.00	1015.51	1015.51	132.31	0.00	0.00	0.00	0.00	132.31	1.30	0.00	0.00	0.00	0.00	1.30	
TOTAL TSGENCO			0.00	0.00	6173.21	6173.21	734.16	1470.19	0.00	0.00	0.00	2204.35	1.19	0.00	0.00	0.00	2.38	3.57	
Central Generating Stations																			
NTPC																			
NTPC (SR)																			
NTPC (SR)						811.74	811.74	45.73	199.56	0.00	0.00	245.29	0.56	0.00	0.00	0.00	2.46	3.02	
NTPC (SR) Stage III						204.74	204.74	18.88	52.02	0.00	0.00	70.90	0.92	0.00	0.00	0.00	2.54	3.46	
Total NTPC(SR)			0.00	0.00	1016.48	1016.48	64.61	251.58	0.00	0.00	0.00	316.19	0.64	0.00	0.00	0.00	2.48	3.11	
NTPC (ER)																			
Farakka						0.00	0.00	-0.03	-0.01	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	
Kahalgau						0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	

Talcher - Stage 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Talcher Stage 2				481.81	481.81	37.84	70.33	0.00	0.00	0.00	108.17	0.79	0.00	0.00	0.00	1.46	2.24				
Others				0.00	0.00	-0.06	-0.25	0.00	0.00	0.00	-0.31	0.00	0.00	0.00	0.00	0.00	0.00				
Total NTPC(ER)			0.00	0.00	481.81	481.81	37.77	70.07	0.00	0.00	0.00	107.84	0.78	0.00	0.00	1.45	2.24				
Total NTPC			0.00	0.00	1498.29	1498.29	102.38	321.65	0.00	0.00	0.00	424.03	0.68	0.00	0.00	2.15	2.83				
NLC TS-II																					
Stage-I				128.66	128.66	7.95	28.71	0.00	0.00	0.00	36.67	0.62	0.00	0.00	0.00	2.23	2.85				
Stage-II				225.08	225.08	14.10	61.04	0.00	0.00	0.00	75.15	0.63	0.00	0.00	0.00	2.71	3.34				
Total NLC			0.00	0.00	353.74	353.74	22.06	89.76	0.00	0.00	0.00	111.81	0.62	0.00	0.00	2.54	3.16				
NPC																					
NPC-MAPS				34.66	34.66	0.00	7.20	0.00	0.00	0.00	7.20	0.00	0.00	0.00	0.00	2.08	2.08				
NPC-Kaiga unit I				138.10	138.10	1.56	41.33	0.00	0.00	0.00	42.90	0.11	0.00	0.00	0.00	2.99	3.11				
NPC-Kaiga unit II				156.32	156.32	0.00	47.86	0.00	0.00	0.00	47.86	0.00	0.00	0.00	0.00	3.06	3.06				
Total NPC			0.00	0.00	329.08	329.08	1.56	96.40	0.00	0.00	0.00	97.96	0.05	0.00	0.00	2.93	2.98				
NTPC - Simhadri																					
NTPC Simhadri Stage I				1168.79	1168.79	108.29	306.91	0.00	0.00	0.00	415.21	0.93	0.00	0.00	0.00	2.63	3.55				
NTPC Simhadri Stage II				514.66	514.66	88.04	133.54	0.00	0.00	0.00	221.58	1.71	0.00	0.00	0.00	2.59	4.31				
Total NTPC - Simhadri			0.00	0.00	1683.45	1683.45	196.34	440.45	0.00	0.00	0.00	636.79	1.17	0.00	0.00	2.62	3.78				
CGS - New																					
Vallur Thermal Power Plant				128.34	128.34	23.24	24.87	0.00	0.00	0.00	48.11	1.81	0.00	0.00	0.00	1.94	3.75				
NTPC NVNL Bundled Power Coal (CP)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
NTPC NVNL Bundled Power Coal (NP)				61.75	61.75	0.43	18.79	0.00	0.00	0.00	19.22	0.07	0.00	0.00	0.00	3.04	3.11				
0				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00				
0				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00				
TOTAL CGS			0.00	0.00	4054.65	4054.65	346.01	991.92	0.00	0.00	0.00	1337.93	0.85	0.00	0.00	2.45	3.30				
APGPCL																					
APGPCL I - Allocated capacity				4.92	4.92	0.56	1.36	0.00	0.00	0.00	1.92	1.15	0.00	0.00	0.00	2.76	3.91				
APGPCL I - Unutilised capacity				0.24	0.24	0.00	0.07	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	2.77	2.77				
APGPCL II - Allocated capacity				16.67	16.67	0.78	4.36	0.00	0.00	0.00	5.14	0.47	0.00	0.00	0.00	2.61	3.08				
APGPCL II - Unutilised capacity				0.22	0.22	0.00	0.06	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	2.61	2.61				
Total APGPCL			0.00	0.00	22.05	22.05	1.35	5.84	0.00	0.00	0.00	7.19	0.61	0.00	0.00	2.65	3.26				
IPPS																					
GVK				91.84	91.84	17.24	27.50	0.00	0.00	0.00	44.74	1.88	0.00	0.00	0.00	2.99	4.87				
Spectrum				86.84	86.84	19.87	27.32	0.00	0.00	0.00	47.20	2.29	0.00	0.00	0.00	3.15	5.43				
Kondapalli (Naphtha)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Kondapalli (Gas)				79.74	79.74	19.22	41.20	0.00	0.00	0.00	60.42	2.41	0.00	0.00	0.00	5.17	7.58				
BSES				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
GVK Extension				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Vemagiri				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Gautami				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Konaseema				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Reliance Infrastructure				26.52	26.52	1.90	6.68	0.00	0.00	0.00	8.58	0.72	0.00	0.00	0.00	2.52	3.23				
0				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00				
0				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00				
0				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00				
0				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00				
TOTAL IPPS			0.00	0.00	284.94	284.94	58.24	102.70	0.00	0.00	0.00	160.94	2.04	0.00	0.00	3.60	5.65				
NCE																					
NCE - Bio-Mass				113.27	113.27	0.00	77.56	0.00	0.00	0.00	77.56	0.00	0.00	0.00	0.00	6.85	6.85				
NCE - Bagasse				78.13	78.13	0.00	29.06	0.00	0.00	0.00	29.06	0.00	0.00	0.00	0.00	3.72	3.72				
NCE - Municipal Waste to Energy				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
NCE - Industrial Waste based power project				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
NCE - Wind Power				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
NCE - Mini Hydel				2.73	2.73	0.00	0.51	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	1.88	1.88				
NCE - NCL Energy Ltd				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
NCE-Others				24.62	24.62	0.07	21.69	0.00	0.00	0.00	21.76	0.03	0.00	0.00	0.00	8.81	8.84				
TOTAL NCE			0.00	0.00	218.75	218.75	0.07	128.82	0.00	0.00	0.00	128.89	0.00	0.00	0.00	5.89	5.89				
OTHERS																					
Srivathsa				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
LVS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Vishakapatnam Steel Plant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
NB Ferro Alloys				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Sponge Iron				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
0				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
0				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Essar steels				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
KSK Mahanadi (MT)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Hinduja				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
RLNG				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
TOTAL OTHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
MARKET																					

Central Generating Stations																	
NTPC																	
NTPC (SR)																	
NTPC (SR)				699.52	699.52	34.06	155.94	0.00	0.00	0.00	190.00	0.49	0.00	0.00	0.00	2.23	2.72
NTPC (SR) Stage III				169.96	169.96	14.33	38.03	0.00	0.00	0.00	52.36	0.84	0.00	0.00	0.00	2.24	3.08
Total NTPC(SR)		0.00	0.00	869.48	869.48	48.39	193.97	0.00	0.00	0.00	242.36	0.56	0.00	0.00	0.00	2.23	2.79
NTPC (ER)																	
Farakka				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaoon				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2				471.27	471.27	33.93	60.86	0.00	0.00	0.00	94.78	0.72	0.00	0.00	0.00	1.29	2.01
Others				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)		0.00	0.00	471.27	471.27	33.92	60.86	0.00	0.00	0.00	94.78	0.72	0.00	0.00	0.00	1.29	2.01
Total NTPC		0.00	0.00	1340.75	1340.75	82.32	254.82	0.00	0.00	0.00	337.14	0.61	0.00	0.00	0.00	1.90	2.51
NLC TS-II																	
Stage-I				108.14	108.14	7.34	25.51	0.00	0.00	0.00	32.84	0.68	0.00	0.00	0.00	2.36	3.04
Stage-II				185.68	185.68	13.17	43.84	0.00	0.00	0.00	57.01	0.71	0.00	0.00	0.00	2.36	3.07
Total NLC		0.00	0.00	293.83	293.83	20.50	69.34	0.00	0.00	0.00	89.85	0.70	0.00	0.00	0.00	2.36	3.06
NPC																	
NPC-MAPS				42.99	42.99	0.00	8.97	0.00	0.00	0.00	8.97	0.00	0.00	0.00	0.00	2.09	2.09
NPC-Kaiga unit I				165.34	165.34	0.00	50.13	0.00	0.00	0.00	50.13	0.00	0.00	0.00	0.00	3.03	3.03
NPC-Kaiga unit II				180.74	180.74	2.03	54.80	0.00	0.00	0.00	56.83	0.11	0.00	0.00	0.00	3.03	3.14
Total NPC		0.00	0.00	389.07	389.07	2.03	113.90	0.00	0.00	0.00	115.93	0.05	0.00	0.00	0.00	2.93	2.98
NTPC - Simhadri																	
NTPC Simhadri Stage I				1025.89	1025.89	110.39	247.68	0.00	0.00	0.00	358.07	1.08	0.00	0.00	0.00	2.41	3.49
NTPC Simhadri Stage II				399.99	399.99	60.61	95.58	0.00	0.00	0.00	156.19	1.52	0.00	0.00	0.00	2.39	3.90
Total NTPC - Simhadri		0.00	0.00	1425.89	1425.89	171.00	343.26	0.00	0.00	0.00	514.26	1.20	0.00	0.00	0.00	2.41	3.61
CGS - New																	
Vallur Thermal Power Plant				154.56	154.56	26.14	30.65	0.00	0.00	0.00	56.78	1.69	0.00	0.00	0.00	1.98	3.67
NTPC ARAVALI POWER				505.45	505.45	106.21	179.68	0.00	0.00	0.00	285.89	2.10	0.00	0.00	0.00	3.55	5.66
NLC Tamilnadu Power Ltd				121.16	121.16	21.16	28.05	0.00	0.00	0.00	49.21	1.75	0.00	0.00	0.00	2.31	4.06
NTPC NVVNL Bundled Power Coal (NP)				15.54	15.54	0.11	16.49	0.00	0.00	0.00	16.59	0.07	0.00	0.00	0.00	10.61	10.68
NTPC NVVNL Bundled Power Solar (NP)				99.35	99.35	0.70	27.27	0.00	0.00	0.00	27.97	0.07	0.00	0.00	0.00	2.75	2.82
TOTAL CGS		0.00	0.00	4345.60	4345.60	430.15	1063.46	0.00	0.00	0.00	1493.61	0.99	0.00	0.00	0.00	2.45	3.44
APGPCL																	
APGPCL I - Allocated capacity				4.19	4.19	0.23	1.33	0.00	0.00	0.00	1.57	0.56	0.00	0.00	0.00	3.18	3.74
APGPCL I - Unutilised capacity				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity				14.81	14.81	0.52	4.24	0.00	0.00	0.00	4.75	0.35	0.00	0.00	0.00	2.86	3.21
APGPCL II - Unutilised capacity				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL		0.00	0.00	19.00	19.00	0.75	5.57	0.00	0.00	0.00	6.32	0.39	0.00	0.00	0.00	2.93	3.33
IPPS																	
GVK				26.95	26.95	4.10	7.64	0.00	0.00	0.00	11.74	1.52	0.00	0.00	0.00	2.84	4.36
Spectrum				74.01	74.01	17.37	20.60	0.00	0.00	0.00	37.97	2.35	0.00	0.00	0.00	2.78	5.13
Kondapalli (Naphtha)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)				30.19	30.19	14.56	9.46	0.00	0.00	0.00	24.02	4.82	0.00	0.00	0.00	3.13	7.96
BSES				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension				18.86	18.86	0.00	8.86	0.00	0.00	0.00	8.86	0.00	0.00	0.00	0.00	4.70	4.70
Vemagiri				24.89	24.89	2.78	9.89	0.00	0.00	0.00	12.67	1.12	0.00	0.00	0.00	3.98	5.09
Gautami				32.62	32.62	1.88	11.04	0.00	0.00	0.00	12.92	0.58	0.00	0.00	0.00	3.38	3.96
Konaseema				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		0.00	0.00	207.51	207.51	40.68	67.50	0.00	0.00	0.00	108.19	1.96	0.00	0.00	0.00	3.25	5.21
NCE																	
NCE - Bio-Mass				122.35	122.35	0.00	79.68	0.00	0.00	0.00	79.68	0.00	0.00	0.00	0.00	6.51	6.51
NCE - Bagasse				51.63	51.63	0.00	26.85	0.00	0.00	0.00	26.85	0.00	0.00	0.00	0.00	5.20	5.20
NCE - Municipal Waste to Energy				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Wind Power				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel				0.06	0.06	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	2.33	2.33
NCE - NCL Energy Ltd				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others				23.56	23.56	0.00	17.39	0.00	0.00	0.00	17.39	0.00	0.00	0.00	0.00	7.38	7.38
TOTAL NCE		0.00	0.00	197.60	197.60	0.00	123.94	0.00	0.00	0.00	123.94	0.00	0.00	0.00	0.00	6.27	6.27
OTHERS																	
Srivathsa				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SSLM LCPH						115.51	115.51	140.59	0.00	0.00	0.00	0.00	140.59	12.17	0.00	0.00	0.00	0.00	12.17		
Nagarjunasagar Tail Pond Dam Power House						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Priyadarshini Jurala Hydro Electric Project-TSShare						22.00	22.00	18.21	0.00	0.00	0.00	0.00	18.21	8.28	0.00	0.00	0.00	0.00	8.28		
Lower Jurala Hydro Electric Project						41.57	41.57	63.30	0.00	0.00	0.00	0.00	63.30	15.23	0.00	0.00	0.00	0.00	15.23		
POCHAMPAD PH Stage 2						2.33	2.33	2.06	0.00	0.00	0.00	0.00	2.06	8.85	0.00	0.00	0.00	0.00	8.85		
PULICHINTAL(New Project)						8.34	8.34	6.29	0.00	0.00	0.00	0.00	6.29	7.54	0.00	0.00	0.00	0.00	7.54		
Mini hydrel & others						0.45	0.45	1.63	0.00	0.00	0.00	0.00	1.63	36.46	0.00	0.00	0.00	0.00	36.46		
Ramagiri wind mills						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOTAL HYDRO						0.00	0.00	300.66	300.66	309.32	0.00	0.00	0.00	0.00	309.32	10.29	0.00	0.00	0.00	10.29	
TOTAL TSGENCO						0.00	0.00	6279.29	6087.23	1226.46	1700.23	0.00	8.83	94.97	3030.49	2.01	0.00	0.01	0.16	2.79	4.98
Central Generating Stations																					
NTPC																					
NTPC (SR)																					
NTPC (SR)						733.83	733.83	35.84	153.72	1.47	0.00	0.00	191.03	0.49	0.02	0.00	0.00	0.00	2.09	2.60	
NTPC (SR) Stage III						176.61	176.61	15.06	37.66	0.00	0.00	0.00	52.72	0.85	0.00	0.00	0.00	0.00	2.13	2.99	
Total NTPC(SR)						0.00	0.00	910.45	910.45	50.90	191.38	1.47	0.00	0.00	243.75	0.56	0.02	0.00	0.00	2.10	2.68
NTPC (ER)																					
Farakka						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaoon						0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1						0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2						469.02	469.02	35.27	75.13	0.65	0.00	0.00	111.05	0.75	0.01	0.00	0.00	0.00	1.60	2.37	
Others						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)						0.00	0.00	469.02	469.02	35.29	75.15	0.65	0.00	0.00	111.09	0.75	0.01	0.00	0.00	1.60	2.37
Total NTPC						0.00	0.00	1379.47	1379.47	86.19	266.53	2.12	0.00	0.00	354.84	0.62	0.02	0.00	0.00	1.93	2.57
NLC TS-II																					
Stage-I						86.59	78.28	8.88	23.09	0.00	0.00	0.00	29.97	0.88	0.00	0.00	0.00	0.00	2.95	3.83	
Stage-II						172.65	172.65	14.49	52.90	0.02	0.00	0.00	67.41	0.84	0.00	0.00	0.00	0.00	3.06	3.90	
Total NLC						0.00	0.00	259.24	250.93	21.37	75.99	0.02	0.00	0.00	97.38	0.85	0.00	0.00	0.00	3.03	3.88
NPC																					
NPC-MAPS						38.20	38.20	0.00	8.32	0.00	0.00	0.00	8.32	0.00	0.00	0.00	0.00	0.00	2.18	2.18	
NPC-Kaiga unit I						137.71	137.71	0.00	43.05	0.00	0.00	0.00	43.05	0.00	0.00	0.00	0.00	0.00	3.13	3.13	
NPC-Kaiga unit II						132.60	132.60	0.00	41.24	0.00	0.00	0.00	41.24	0.00	0.00	0.00	0.00	0.00	3.11	3.11	
Total NPC						0.00	0.00	308.51	308.51	0.00	92.61	0.00	0.00	92.61	0.00	0.00	0.00	0.00	0.00	3.00	3.00
NTPC - Simhadri																					
NTPC Simhadri Stage I						1139.88	1139.88	99.40	306.14	0.50	0.00	0.00	406.05	0.87	0.00	0.00	0.00	0.00	2.69	3.56	
NTPC Simhadri Stage II						460.78	460.78	69.95	119.11	0.00	0.00	0.00	189.07	1.52	0.00	0.00	0.00	0.00	2.59	4.10	
Total NTPC - Simhadri						0.00	0.00	1600.66	1600.66	169.36	425.26	0.50	0.00	0.00	595.12	1.06	0.00	0.00	0.00	2.66	3.72
CGS - New																					
Vallur Thermal Power Plant						200.74	200.74	34.94	43.59	0.05	0.00	0.00	78.57	1.74	0.00	0.00	0.00	0.00	2.17	3.91	
Tuticorin						266.97	266.97	45.10	61.22	0.00	0.00	0.02	106.34	1.69	0.00	0.00	0.00	0.00	2.29	3.98	
NVVNL Bundled Power -SOLAR						13.69	13.69	0.00	13.85	0.00	0.00	0.00	13.85	0.00	0.00	0.00	0.00	0.00	10.12	10.12	
NVVNL Bundled Power -COAL						13.01	13.01	0.00	29.00	0.00	0.00	0.00	29.00	0.00	0.00	0.00	0.00	0.00	22.29	22.29	
Kudigi						97.68	97.68	3.16	2.59	0.00	0.00	0.00	5.75	0.32	0.00	0.00	0.00	0.00	0.26	0.59	
TOTAL CGS						0.00	0.00	4139.98	4131.67	360.12	1010.63	2.69	0.00	0.02	1373.45	0.87	0.01	0.00	0.00	2.45	3.32
APGPCL																					
APGPCL I - Allocated capacity						4.26	4.26	0.50	1.21	0.00	0.00	0.00	1.71	1.18	0.00	0.00	0.00	0.00	2.84	4.03	
APGPCL I - Unutilised capacity						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity						15.63	15.63	0.86	3.64	0.00	0.00	0.00	4.50	0.55	0.00	0.00	0.00	0.00	2.33	2.88	
APGPCL II - Unutilised capacity						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL						0.00	0.00	19.88	19.88	1.37	4.85	0.00	0.00	0.00	6.22	0.69	0.00	0.00	0.00	2.44	3.13
IPPS																					
GVK						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)						0.00	0.00	0.00	0.00	0.00	25.90	0.00	25.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension						11.63	11.63	0.00	5.40	0.00	0.00	0.00	5.40	0.00	0.00	0.00	0.00	0.00	4.65	4.65	
Vemagiri						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pioneer Gas Power Limited						0.00	104.39	0.00	49.06	0.00	0.00	0.00	49.06	0.00	0.00	0.00	0.00	0.00	4.70	4.70	
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS						0.00	0.00	11.63	116.02	0.00	54.46	0.00	25.90	0.00							

NCE - Bio-Mass						97.70	97.70	21.56	55.64	0.00	0.00	0.00	77.20	2.21	0.00	0.00	0.00	5.70	7.90
NCE - Bagasse						0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	1.39	0.00	0.00	0.00	3.28	4.67
NCE - Municipal Waste to Energy						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Wind Power						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - NCL Energy Ltd						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others						86.25	86.25	0.00	58.73	0.00	0.00	0.00	58.73	0.00	0.00	0.00	0.00	6.81	6.81
TOTAL NCE			0.00	0.00		183.96	183.96	21.56	114.38	0.00	0.00	0.00	135.94	1.17	0.00	0.00	0.00	6.22	7.39
OTHERS																			
Srivatha						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KSK Mahanadi (MT)						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni						682.28	682.28	134.07	151.06	0.00	9.21	0.05	294.39	1.97	0.00	0.14	0.00	2.21	4.31
Thermal Power Unit 1						542.34	542.34	100.73	99.74	0.00	0.00	0.00	200.47	1.86	0.00	0.00	0.00	1.84	3.70
Thermal Power Unit 2						379.71	379.71	91.34	77.84	0.00	6.28	0.05	175.51	2.41	0.00	0.17	0.00	2.05	4.62
TOTAL OTHERS			0.00	0.00		2772.70	2772.70	610.26	523.78	0.00	15.49	0.10	1149.62	2.20	0.00	0.06	0.00	1.89	4.15
MARKET																			
PTC						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells, Kesoram)						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPDCL						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
EPDCL						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPDCL						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPDCL						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Short Term Sources						3686.42	1244.10	0.00	756.41	0.00	0.00	0.00	756.41	0.00	0.00	0.00	0.00	6.08	6.08
NTPC - Aravali Power Co. Pvt Ltd						22.00	22.00	1.94	6.79	0.00	0.00	0.00	8.73	0.88	0.00	0.00	0.00	3.09	3.97
D-D Sales/Bilateral Purchases						0.00	122.64	0.00	60.33	0.00	0.00	0.00	60.33	0.00	0.00	0.00	0.00	4.92	4.92
Interstate sale						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET			0.00	0.00		3708.41	1388.74	1.94	823.53	0.00	0.00	0.00	825.47	0.01	0.00	0.00	0.00	5.93	5.94
TOTAL (From All Sources)			0.00	0.00		17115.86	14700.20	2221.70	4231.86	2.69	50.22	95.09	6601.55	1.51	0.00	0.03	0.06	2.88	4.49

Note:
 1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,iv]
 2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost Station wise, provide the total details in the empty rows in the TSGENCO Hydro stations section saying ALL TSGENCO Hydro (Combined)

2017-18

Generating Station	D Link	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)				Remarks		
						Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others		Variable	Total
TSGENCO																				
Thermal																				
VTSP I						426.24	127.05	35.63	41.47	0.00	0.00	0.00	77.10	2.80	0.00	0.00	0.00	3.26	6.07	
VTSP II						426.24	75.57	35.63	24.67	0.00	0.00	0.00	60.29	4.71	0.00	0.00	0.00	3.26	7.98	
VTSP III						426.24	75.51	35.63	24.64	0.00	0.00	0.00	60.27	4.72	0.00	0.00	0.00	3.26	7.98	
VTSP IV						514.38	292.45	72.47	87.49	0.00	0.00	0.00	159.97	2.48	0.00	0.00	0.00	2.99	5.47	
RTPP I						425.07	37.65	43.07	13.68	0.00	0.00	0.00	56.75	11.44	0.00	0.00	0.00	3.63	15.07	
RTPP Stage-II						425.07	194.98	65.76	62.35	0.00	0.00	0.00	128.11	3.37	0.00	0.00	0.00	3.20	6.57	
RTPP Stage-III						212.54	25.95	43.95	9.43	0.00	0.00	0.00	53.37	16.94	0.00	0.00	0.00	3.63	20.57	
KTPS A						241.03	241.03	29.69	60.26	0.00	0.00	11.01	100.96	1.23	0.00	0.00	0.46	2.50	4.19	
KTPS B						241.03	241.03	29.69	60.26	0.00	0.00	11.01	100.96	1.23	0.00	0.00	0.46	2.50	4.19	
KTPS C						241.03	241.03	29.69	60.26	0.00	0.00	11.01	100.96	1.23	0.00	0.00	0.46	2.50	4.19	
KTPS D						506.04	506.04	49.51	109.72	0.00	0.00	22.94	182.18	0.98	0.00	0.00	0.45	2.17	3.60	
KTPS Stage VI						514.38	514.38	89.59	128.59	0.00	0.00	22.94	241.13	1.74	0.00	0.00	0.45	2.50	4.69	
RTS B						63.25	11.21	8.10	3.80	0.00	0.00	2.87	14.77	7.23	0.00	0.00	2.56	3.39	13.18	
NTS						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kakatiya Thermal Power Plant Stage I						514.38	514.38	89.55	128.59	0.00	0.00	22.94	241.09	1.74	0.00	0.00	0.45	2.50	4.69	
Kakatiya Thermal Power Plant Stage II						1145.40	1145.40	311.85	286.35	0.00	0.00	0.00	598.20	2.72	0.00	0.00	0.00	2.50	5.22	
Damodarum Sanjeevalah Thermal power plant						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL THERMAL			0.00	0.00		6322.31	4243.63	969.80	1101.56	0.00	0.00	104.74	2176.10	2.29	0.00	0.00	0.25	2.60	5.13	
MACHKUND PH TS Share						17.77	17.77	4.87	0.00	0.00	0.00	0.00	4.87	2.74	0.00	0.00	0.00	0.00	2.74	

TUNGBHADRA PH TS Share				7.87	7.87	3.34	0.00	0.00	0.00	0.00	0.00	3.34	4.24	0.00	0.00	0.00	0.00	4.24
USL				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH				145.31	145.31	71.25	0.00	0.00	0.00	0.00	0.00	71.25	4.90	0.00	0.00	0.00	0.00	4.90
NSRCPH				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH				6.68	6.68	5.24	0.00	0.00	0.00	0.00	0.00	5.24	7.85	0.00	0.00	0.00	0.00	7.85
POCHAMPAD PH				5.49	5.49	5.63	0.00	0.00	0.00	0.00	0.00	5.63	10.26	0.00	0.00	0.00	0.00	10.26
NIZAMSAGAR PH				2.53	2.53	2.08	0.00	0.00	0.00	0.00	0.00	2.08	8.24	0.00	0.00	0.00	0.00	8.24
PABM				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR				2.61	2.61	3.13	0.00	0.00	0.00	0.00	0.00	3.13	11.97	0.00	0.00	0.00	0.00	11.97
SSLM LCPH				139.12	139.12	141.76	0.00	0.00	0.00	0.00	0.00	141.76	10.19	0.00	0.00	0.00	0.00	10.19
Nagarjunasagar Tail Pond Dam Power House				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- TS Share				18.90	18.90	18.84	0.00	0.00	0.00	0.00	0.00	18.84	9.97	0.00	0.00	0.00	0.00	9.97
Lower Jurala Hydro Electric Project				13.64	13.64	116.39	0.00	0.00	0.00	0.00	0.00	116.39	85.35	0.00	0.00	0.00	0.00	85.35
POCHAMPAD Stig-II				0.00	1.83	2.60	0.00	0.00	0.00	0.00	0.00	2.60	14.21	0.00	0.00	0.00	0.00	14.21
PULICHINTAL(New Project)				0.00	44.68	38.47	0.00	0.00	0.00	0.00	0.00	38.47	8.61	0.00	0.00	0.00	0.00	8.61
Mini Hydrel & Others (Peddapalli, Palair)				412.28	5.86	2.67	0.00	0.00	0.00	0.00	0.00	2.67	4.55	0.00	0.00	0.00	0.00	4.55
Ramagiri Wind Mills (AP)				6734.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL HYDRO	0.00	0.00	7506.79	412.28	416.25	0.00	0.00	0.00	0.00	0.00	416.25	10.10	0.00	0.00	0.00	0.00	0.00	10.10
TOTAL TSGENCO	0.00	0.00	13829.09	4655.92	1386.05	1101.56	0.00	0.00	104.74	2592.35	2.98	0.00	0.00	0.22	2.37	5.57		
Central Generating Stations																		
NTPC																		
NTPC (SR)																		
NTPC (SR)				734.20	734.20	40.68	151.83	0.00	0.00	0.00	0.00	192.52	0.55	0.00	0.00	0.00	2.07	2.62
NTPC (SR) Stage III				185.38	185.38	16.84	37.65	0.00	0.00	0.00	0.00	54.49	0.91	0.00	0.00	0.00	2.03	2.94
Total NTPC(SR)	0.00	0.00	919.59	919.59	57.52	189.48	0.00	0.00	0.00	0.00	247.01	0.63	0.00	0.00	0.00	2.06	2.69	
NTPC (ER)																		
Farakka				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2				467.07	467.07	32.35	69.46	0.00	0.00	0.00	0.00	101.81	0.69	0.00	0.00	0.00	1.49	2.18
Others				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)	0.00	0.00	467.07	467.07	32.35	69.46	0.00	0.00	0.00	0.00	101.81	0.69	0.00	0.00	0.00	1.49	2.18	
Total NTPC	0.00	0.00	1386.66	1386.66	89.88	258.95	0.00	0.00	0.00	0.00	348.82	0.65	0.00	0.00	0.00	1.87	2.52	
NLC TS-II																		
Stage-I				92.47	15.07	7.26	5.22	0.00	0.00	0.00	0.00	12.48	4.82	0.00	0.00	0.00	3.47	8.28
Stage-II				170.79	5.52	17.63	2.07	0.00	0.00	0.00	0.00	19.70	31.94	0.00	0.00	0.00	3.75	35.69
Total NLC	0.00	0.00	263.26	20.59	24.89	7.29	0.00	0.00	0.00	0.00	32.18	12.09	0.00	0.00	0.00	3.54	15.63	
NPC																		
NPC-MAPS				40.54	40.54	0.00	8.56	0.00	0.00	0.00	0.00	8.56	0.00	0.00	0.00	0.00	2.11	2.11
NPC-Kaiga unit I				135.75	135.75	0.00	42.52	0.00	0.00	0.00	0.00	42.52	0.00	0.00	0.00	0.00	3.13	3.13
NPC-Kaiga unit II				135.75	135.75	0.00	42.52	0.00	0.00	0.00	0.00	42.52	0.00	0.00	0.00	0.00	3.13	3.13
Total NPC	0.00	0.00	312.03	312.03	0.00	93.61	0.00	0.00	0.00	0.00	93.61	0.00	0.00	0.00	0.00	3.00	3.00	
NTPC - Simhadri																		
NTPC Simhadri Stage I				1119.64	1061.94	100.17	288.31	0.00	0.00	0.00	0.00	388.48	0.94	0.00	0.00	0.00	2.71	3.66
NTPC Simhadri Stage II				514.22	383.24	76.73	104.70	0.00	0.00	0.00	0.00	181.44	2.00	0.00	0.00	0.00	2.73	4.73
Total NTPC - Simhadri	0.00	0.00	1633.86	1445.17	176.90	393.02	0.00	0.00	0.00	0.00	569.92	1.22	0.00	0.00	0.00	2.72	3.94	
CGS - New																		
Vallur Thermal Power Plant				222.20	222.20	31.73	46.24	0.00	0.00	0.00	0.00	77.97	1.43	0.00	0.00	0.00	2.08	3.51
Tuticorin				311.85	311.85	46.40	72.19	0.00	0.00	0.05	0.00	118.65	1.49	0.00	0.00	0.00	2.32	3.80
NVVNL Bundled Power -SOLAR				12.89	12.89	0.00	13.76	0.00	0.00	0.00	0.00	13.76	0.00	0.00	0.00	0.00	10.68	10.68
NVVNL Bundled Power -COAL				99.07	99.07	0.00	29.04	0.00	0.00	0.00	0.00	29.04	0.00	0.00	0.00	0.00	2.93	2.93
Kudigi				302.30	302.30	69.83	57.13	0.00	0.00	0.00	0.00	126.97	2.31	0.00	0.00	0.00	1.89	4.20
TOTAL CGS	0.00	0.00	4544.11	4112.76	439.62	971.23	0.00	0.00	0.05	1410.91	1.07	0.00	0.00	0.00	2.36	3.43		
APGPCL																		
APGPCL I - Allocated capacity				5.89	5.89	0.22	1.37	0.00	0.00	0.00	0.00	1.59	0.38	0.00	0.00	0.00	2.33	2.71
APGPCL I - Unutilised capacity				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity				21.06	21.06	0.89	4.38	0.00	0.00	0.00	0.00	5.27	0.42	0.00	0.00	0.00	2.08	2.50
APGPCL II - Unutilised capacity				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL	0.00	0.00	26.95	26.95	1.12	5.75	0.00	0.00	0.00	0.00	6.87	0.41	0.00	0.00	0.00	2.13	2.55	
IPPS																		
GVK				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)																		

BSES						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
GVK Extension						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vemagiri						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Gautami						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Konaseema						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOTAL IPPS						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NCE																					
NCE - Bio-Mass						95.22	95.22	14.15	41.61	0.00	0.00	0.00	55.76	1.49	0.00	0.00	0.00	4.37	5.86		
NCE - Bagasse						1.57	1.57	0.22	0.44	0.00	0.00	0.00	0.66	1.41	0.00	0.00	0.00	2.78	4.19		
NCE - Municipal Waste to Energy						61.50	61.50	20.91	23.55	0.00	0.00	0.00	44.46	3.40	0.00	0.00	0.00	3.83	7.23		
NCE - Industrial Waste based power project						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NCE - Wind Power						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NCE - Mini Hydel						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NCE - NCL Energy Ltd						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NCE-Others						1385.01	1385.01	0.00	808.84	0.00	0.00	0.00	808.84	0.00	0.00	0.00	0.00	5.84	5.84		
TOTAL NCE						0.00	0.00	1543.29	1543.29	35.28	874.44	0.00	909.73	0.23	0.00	0.00	0.00	5.67	5.89		
OTHERS																					
Srivathsa						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
LVS						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Vishakapatnam Steel Plant						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NB Ferro Alloys						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Corporate Power (MT)						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Singareni Unit I						0.00	1145.40	246.26	206.17	0.00	0.00	0.00	452.43	2.15	0.00	0.00	0.00	1.80	3.95		
Thermal Power Unit 1						1145.40	552.44	105.17	104.41	0.00	0.00	0.00	209.58	1.90	0.00	0.00	0.00	1.89	3.79		
CSPGCL						552.44	1908.99	515.43	229.08	0.00	0.00	0.00	744.51	2.70	0.00	0.00	0.00	1.20	3.90		
Thermal Power Unit 2						1908.99	1168.63	295.66	212.69	0.00	0.00	0.00	508.36	2.53	0.00	0.00	0.00	1.82	4.35		
Manuguru Thermal Power Plant						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Singareni Unit II						1145.40	1145.40	246.26	206.17	0.00	0.00	0.00	452.43	2.15	0.00	0.00	0.00	1.80	3.95		
TOTAL OTHERS						0.00	0.00	4752.22	5920.86	1408.78	958.52	0.00	2367.31	2.38	0.00	0.00	0.00	1.62	4.00		
MARKET																					
PTC						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
RCL and Short-Term Sources(IG Wells,Kesoram)						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
CPDCL						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
EPDCL						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NPDCL						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SPDCL						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
UI						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Other Short Term Sources						823.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NTPC - Aravali Power Co. Pvt Ltd						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
D-D Sales/Bilateral Purchases						0.00	63.33	0.00	39.28	0.00	0.00	0.00	39.28	0.00	0.00	0.00	0.00	6.20	6.20		
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Bi-lateral Purchases(PTC etc.)						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Pool Transaction (Purchases)						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Pool Transaction (Sales)						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOTAL MARKET						0.00	0.00	823.66	63.33	0.00	39.28	0.00	39.28	0.00	0.00	0.00	0.00	6.20	6.20		
TOTAL (From All Sources)						0.00	0.00	25519.34	16323.11	3270.85	3950.79	0.00	104.79	7326.43	2.00	0.00	0.00	0.06	2.42	4.49	7326.43

1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,iv]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost

Form 1.4(i) NCE Generation (Base Year) 2013-14

Plant wise NCE Generation and Cost Details for Base Year. The total should be consistent with values provided in Form 1.4 under NCE.

TYPE	Name	Location	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)					Unit Cost (Rs. / kWh)				Remarks				
						Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax		Others	Variable	Total	
Bio-Mass	Gowthami Bio Energy Ltd	Gopalpura	6.00	100.00	6.00	41.60	41.60	0.00	38.48					38.48	0.00	0.00	0.00	0.00	9.25	9.25	
Bio-Mass	Shalivahana Green Energy Ltd	Mancherla	6.00	100.00	6.00	23.22	23.22	0.00	28.76					28.76	0.00	0.00	0.00	0.00	12.39	12.39	
Bio-Mass	Ritwik Power Projects Pvt. Limited	Tekulapalli	6.00	100.00	6.00	33.05	33.05	0.00	32.81					32.81	0.00	0.00	0.00	0.00	9.93	9.93	
Bio-Mass	Indur Green Power Ltd.(NSL)	Renjal/Niz	6.00	100.00	6.00	3.03	3.03	0.00	16.88					16.88	0.00	0.00	0.00	0.00	55.61	55.61	
Bio-Mass														0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL Bio-mass			24.00		24.00	100.90	100.90	0.00	116.92	0.00	0.00	0.00	0.00	116.92	0.00	0.00	0.00	0.00	11.59	11.59	
Bagasse	NCS Sugars Ltd	Dichpally/N	6.00	100.00	6.00	5.05	5.05	0.00	1.29					1.29	0.00	0.00	0.00	0.00	2.56	2.56	
Bagasse	Kakatiya Cement Sugar & Ind. Ltd	Kalluru/Kh	16.70	100.00	16.70	82.98	82.98	0.00	19.67					19.67	0.00	0.00	0.00	0.00	2.37	2.37	
Bagasse	Nizam Daccan Sugars Ltd.	Bhodhan/N	20.00	100.00	20.00	20.21	20.21	0.00	7.96					7.96	0.00	0.00	0.00	0.00	3.94	3.94	
Bagasse	GSR Sugars Ltd	Bhodhan/N	16.30	100.00	16.30	4.34	4.34	0.00	3.71					3.71	0.00	0.00	0.00	0.00	8.56	8.56	
TOTAL Bagasse			59.00		59.00	112.57	112.57	0.00	32.63	0.00	0.00	0.00	0.00	32.63	0.00	0.00	0.00	0.00	2.90	2.90	
Municipal Waste to Energy														0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL Municipal Waste to Energy			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Industrial Waste based power project														0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL Industrial Waste			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Wind Power														0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL Wind Power			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Mini Hydel	Saraswathi Power & Ind. Pvt. Ltd	Chintakun	3.00	100.00	3.00	1.91	1.91	0.00	1.58					1.58	0.00	0.00	0.00	0.00	8.30	8.30	
Mini Hydel	Kallam Spinning Mills Ltd	Nelakonda	4.00	100.00	4.00	3.34	3.34	0.00	2.34					2.34	0.00	0.00	0.00	0.00	7.00	7.00	
Mini Hydel														0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL Mini Hydel			7.00		7.00	5.25	5.25	0.00	3.92	0.00	0.00	0.00	0.00	3.92	0.00	0.00	0.00	0.00	7.47	7.47	
NCL Energy Ltd	NCL TB Dam		8.25	15.87	1.31	3.25	3.25	0.00	0.58					0.58	0.00	0.00	0.00	0.00	1.80	1.80	
NCL Energy Ltd														0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL - NCL Energy Ltd			8.25		1.31	3.25	3.25	0.00	0.58	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.00	1.80	1.80	
NCE-Others	NCE others		0.00	0.00	0.00	60.47	60.47	0.00	-30.93					-30.93	0.00	0.00	0.00	0.00	-5.11	-5.11	
NCE-Others														0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL NCE - Others			0.00		0.00	60.47	60.47	0.00	-30.93	0.00	0.00	0.00	0.00	-30.93	0.00	0.00	0.00	0.00	-5.11	-5.11	
Total NCE			98.25		91.31	282.44	282.44	0.00	123.13	0.00	0.00	0.00	0.00	123.13	0.00	0.00	0.00	0.00	4.36	4.36	

Plant wise NCE Generation and Cost Details for Year1. The total should be consistent with values provided in Form 1.4 under NCE.																				
TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)					Unit Cost (Rs. / kWh)					Remarks		
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others		Variable	Total
Bio-Mass	Gowthami Bio Energy	alpuram/Khamm	6.00	100.00	6.00	42.45	42.45	0.00	30.66	0.00	0.00	0.00	0.00	30.66	0.00	0.00	0.00	0.00	7.22	7.22
Bio-Mass	Shalivahana Projets	ncherial/Adilat	6.00	100.00	6.00	29.31	29.31	0.00	19.22	0.00	0.00	0.00	19.22	0.00	0.00	0.00	0.00	0.00	6.56	6.56
Bio-Mass	Rithwik Power Ltd.,	ulapalli/Khamm	6.00	100.00	6.00	41.51	41.51	0.00	27.67	0.00	0.00	0.00	27.67	0.00	0.00	0.00	0.00	0.00	6.67	6.67
Bio-Mass													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Bio-mass			18.00		18.00	113.27	113.27	0.00	77.56	0.00	0.00	0.00	77.56	0.00	0.00	0.00	0.00	0.00	6.85	6.85
Bagasse	Kakatiya Cements & Sugars Ltd.,	aluru/Khamma	16.70	100.00	16.70	46.10	46.10	0.00	20.03	0.00	0.00	0.00	20.03	0.00	0.00	0.00	0.00	0.00	4.35	4.35
Bagasse	Gayathri Sugars (Nizamsagar)	odhan/Nizamab	16.10	100.00	16.10	18.07	18.07	0.00	5.35	0.00	0.00	0.00	5.35	0.00	0.00	0.00	0.00	0.00	2.96	2.96
Bagasse	Nizam Deccan Sugars	odhan/Nizamab	20.00	100.00	20.00	8.60	8.60	0.00	1.89	0.00	0.00	0.00	1.89	0.00	0.00	0.00	0.00	0.00	2.20	2.20
Bagasse	NCS Gayatri Sugars (Kamareddy)	hpally/Nizamab	6.00	100.00	6.00	5.36	5.36	0.00	1.79	0.00	0.00	0.00	1.79	0.00	0.00	0.00	0.00	0.00	3.33	3.33
TOTAL Bagasse			58.80		58.80	78.13	78.13	0.00	29.06	0.00	0.00	0.00	29.06	0.00	0.00	0.00	0.00	0.00	3.72	3.72
Municipal Waste to Energy													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Municipal Waste to Energy			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Waste based power project													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Industrial Waste			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wind Power													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Wind Power			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mini Hydel	Kallam Spinning Ltd.,	ondapally/Khar	4.00	100.00	4.00	2.66	2.66	0.00	0.50	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	1.89	1.89
Mini Hydel	Saraswathi Power	takunta/Karim	2.00	100.00	2.00	0.07	0.07	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.65	1.65
TOTAL Mini Hydel			6.00		6.00	2.73	2.73	0.00	0.51	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00	1.88	1.88
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL - NCL Energy Ltd			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	NCE- Others					24.62	24.62	0.07	21.69	0.00	0.00	0.00	21.76	0.03	0.00	0.00	0.00	0.00	8.81	8.84
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCE - Others			0.00		0.00	24.62	24.62	0.07	21.69	0.00	0.00	0.00	21.76	0.03	0.00	0.00	0.00	0.00	8.81	8.84
Total NCE			82.80		82.80	218.75	218.75	0.07	128.82	0.00	0.00	0.00	128.89	0.00	0.00	0.00	0.00	0.00	5.89	5.89

Plant wise NCE Generation and Cost Details for Year1. The total should be consistent with values provided in Form 1.4 under NCE.																				
TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					Remarks	
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable		Total
Bio-Mass	Gowthami Bio Energy Ltd	alpuram/Khamm	6.00	100.00	6.00	47.05	47.05	0.00	30.24	0.00	0.00	(2.20)	28.04	0.00	0.00	0.00	-0.47	6.43	5.96	
Bio-Mass	Shalivahana Green Energy Ltd	ncherial/Adilab	6.00	100.00	6.00	36.33	36.33	0.00	23.75	0.00	0.00	(1.61)	22.14	0.00	0.00	0.00	-0.44	6.54	6.09	
Bio-Mass	Ritwik Power Projects Pvt. Limited	ulapalli/Khamm	6.00	100.00	6.00	38.96	38.96	0.00	25.57	0.00	0.00	(1.94)	23.63	0.00	0.00	0.00	-0.50	6.56	6.07	
Bio-Mass													0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL Bio-mass			18.00		18.00	122.35	122.35	0.00	79.56	0.00	0.00	-5.75	73.81	0.00	0.00	0.00	-0.47	6.50	6.03	
Bagasse	Kakatiya Cements & Sugars Ltd.,	aluru/Khamma	16.70	100.00	16.70	30.22	30.22	0.00	13.67	0.00	0.00	0.00	13.67	0.00	0.00	0.00	0.00	4.52	4.52	
Bagasse	Gayathri Sugars (Nizamsagar)	odhan/Nizamab	16.10	100.00	16.10	15.89	15.89	0.00	10.82	0.00	0.00	0.00	10.82	0.00	0.00	0.00	0.00	6.81	6.81	
Bagasse	Nizam Deccan Sugars	odhan/Nizamab	20.00	100.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bagasse	NCS Gayatri Sugars (Kamareddy)	hpally/Nizamab	6.00	100.00	6.00	5.51	5.51	0.00	2.37	0.00	0.00	0.00	2.37	0.00	0.00	0.00	0.00	4.30	4.30	
TOTAL Bagasse			58.80		58.80	51.63	51.63	0.00	26.85	0.00	0.00	0.00	26.85	0.00	0.00	0.00	0.00	5.20	5.20	
Municipal Waste to Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL Municipal Waste to Energy			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Industrial Waste based power project																				
TOTAL Industrial Waste			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Wind Power														0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL Wind Power			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Mini Hydel	Kallam Spinning Ltd.,	ondapally/Khar	4.00	100.00	4.00	0.06	0.06	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	2.33	2.33	
Mini Hydel														0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL Mini Hydel			4.00		4.00	0.06	0.06	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	2.33	2.33	
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL - NCL Energy Ltd			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE-Others	Essel Mining -Salakpur (Solar)	Salakpur	10.00	100.00	10.00	16.65	16.65	0.00	11.11	0.00	0.00	0.00	11.11	0.00	0.00	0.00	0.00	6.67	6.67	
NCE-Others	NTPC Ramagundam Solar PV	Ramagundam	0.00	0.00	0.00	6.31	6.31	0.00	5.90	0.00	0.00	0.00	5.90	0.00	0.00	0.00	0.00	9.35	9.35	
NCE-Others	SMW New Era Enviro Ventures	Manakonduru	5.00	100.00	5.00	0.60	0.60	0.00	0.39	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	6.45	6.45	
TOTAL NCE - Others			15.00		15.00	23.56	23.56	0.00	17.39	0.00	0.00	0.00	17.39	0.00	0.00	0.00	0.00	7.38	7.38	
Total NCE			95.80		95.80	197.60	197.60	0.00	123.82	0.00	0.00	-5.75	118.07	0.00	0.00	0.00	-0.29	6.27	5.98	

Plant wise NCE Generation and Cost Details for Year1. The total should be consistent with values provided in Form 1.4 under NCE.																				
TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					Remarks	
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable		Total
Bio-Mass	Gowthami Bio Energy Ltd	alpuram/Khamm	6.00	100.00	6.00	29.50	29.50	7.19	16.80	0.00	0.00	0.00	23.99	2.44	0.00	0.00	0.00	0.00	5.69	8.13
Bio-Mass	Shalivahana Green Energy Ltd	ncherial/Adilab	6.00	100.00	6.00	26.10	26.10	7.19	14.86	0.00	0.00	0.00	22.05	2.75	0.00	0.00	0.00	0.00	5.69	8.45
Bio-Mass	Ritwik Power Projects Pvt. Limited	ulapalli/Khamm	6.00	100.00	6.00	38.29	38.29	7.19	21.81	0.00	0.00	0.00	28.99	1.88	0.00	0.00	0.00	0.00	5.69	7.57
Bio-Mass	Indur Green Power Ltd.(NSL)	enjal/Nizamaba	6.00	100.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bio-Mass	MSR Mega Bio	Ragunathpally	7.50	100.00	7.50	3.81	3.81	0.00	2.17	0.00	0.00	0.00	2.17	0.00	0.00	0.00	0.00	0.00	5.69	5.69
TOTAL Bio-mass			31.50		31.50	97.70	97.70	21.56	55.64	0.00	0.00	0.00	77.20	2.21	0.00	0.00	0.00	0.00	5.69	7.90
Bagasse	Kakatiya Cements & Sugars Ltd.,	alluru/Khamma	16.70	100.00	16.70	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	1.39	0.00	0.00	0.00	0.00	3.28	4.67
Bagasse	Gayathri Sugars (Nizamsagar)	odhan/Nizamab	16.10	100.00	16.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bagasse	Nizam Deccan Sugars	odhan/Nizamab	20.00	100.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bagasse	NCS Gayatri Sugars (Kamareddy)	hpally/Nizamab	6.00	100.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Bagasse			58.80		58.80	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	1.39	0.00	0.00	0.00	0.00	3.28	4.67
Municipal Waste to Energy													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Municipal Waste to Energy			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Waste based power project													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Industrial Waste													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wind Power													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Wind Power			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mini Hydel	Kallam Spinning Ltd.,		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mini Hydel													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Mini Hydel			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL- NCL Energy Ltd			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	Essel Mining -Salakpur (Solar)	Salakpur	10.00	100.00	10.00	7.54	7.54	0.00	4.89	0.00	0.00	0.00	4.89	0.00	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Others	SMW New Era Enviro Ventures	Manakonduru	5.00	100.00	5.00	3.93	3.93	0.00	2.54	0.00	0.00	0.00	2.54	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Others	New ERA Enviro Ventures (KRMR) (P) Ltd.	Ellanthakunta	0.00	0.00	0.00	8.12	8.12	0.00	5.24	0.00	0.00	0.00	5.24	0.00	0.00	0.00	0.00	0.00	6.45	6.45
TOTAL NCE - Others			15.00		15.00	19.59	19.59	0.00	12.67	0.00	0.00	0.00	12.67	0.00	0.00	0.00	0.00	0.00	6.47	6.47
Total NCE			105.30		105.30	117.31	117.31	21.56	68.31	0.00	0.00	0.00	89.87	1.84	0.00	0.00	0.00	0.00	5.82	7.66

Plant wise NCE Generation and Cost Details for Year1. The total should be consistent with values provided in Form 1.4 under NCE.																				
TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					Remarks	
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable		Total
Bio-Mass	Gowthami Bio Energy Ltd	alpuram/Khamm	6.00	100.00	6.00	28.36	28.36	4.72	12.39	0.00	0.00	0.00	17.11	1.66	0.00	0.00	0.00	0.00	4.37	6.03
Bio-Mass	Shalivahana Green Energy Ltd	ncherial/Adilab	6.00	100.00	6.00	28.28	28.28	4.72	12.36	0.00	0.00	0.00	17.07	1.67	0.00	0.00	0.00	0.00	4.37	6.04
Bio-Mass	Ritwik Power Projects Pvt. Limited	ulapalli/Khamm	6.00	100.00	6.00	38.58	38.58	4.72	16.86	0.00	0.00	0.00	21.58	1.22	0.00	0.00	0.00	0.00	4.37	5.59
Bio-Mass	Indur Green Power Ltd.(NSL)	enjal/Nizamaba	6.00	100.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bio-Mass	MSR Mega Bio	Ragunathpally	7.50	100.00	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Bio-mass			31.50		31.50	95.22	95.22	14.15	41.61	0.00	0.00	0.00	55.76	1.49	0.00	0.00	0.00	0.00	4.37	5.86
Bagasse	Kakatiya Cements & Sugars Ltd.,	aluru/Khamma	16.70	100.00	16.70	1.57	1.57	0.22	0.44	0.00	0.00	0.00	0.66	1.40	0.00	0.00	0.00	0.00	2.80	4.19
Bagasse	Gayathri Sugars (Nizamsagar)	odhan/Nizamab	16.10	100.00	16.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bagasse	Nizam Deccan Sugars	odhan/Nizamab	20.00	100.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bagasse	NCS Gayatri Sugars (Kamareddy)	hpally/Nizamab	6.00	100.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Bagasse			58.80		58.80	1.57	1.57	0.22	0.44	0.00	0.00	0.00	0.66	1.40	0.00	0.00	0.00	0.00	2.80	4.19
Municipal Waste to Energy	Shalivahana Energy Ltd	suglampally	0.00	100.00	0.00	61.50	61.50	20.91	23.55	0.00	0.00	0.00	44.46	3.40	0.00	0.00	0.00	0.00	3.83	7.23
TOTAL Municipal Waste to Energy			0.00		0.00	61.50	61.50	20.91	23.55	0.00	0.00	0.00	44.46	3.40	0.00	0.00	0.00	0.00	3.83	7.23
Industrial Waste based power project													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Industrial Waste													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wind Power													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Wind Power			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mini Hydel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mini Hydel													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL Mini Hydel			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCL Energy Ltd													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL- NCL Energy Ltd			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	NCE-others (Solar)	0.00	0.00	0.00	0.00	1,385.01	1,385.01	0.00	808.84	0.00	0.00	0.00	808.84	0.00	0.00	0.00	0.00	0.00	5.84	5.84
NCE-Others		0.00											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others		0.00											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCE - Others			0.00		0.00	1385.01	1385.01	0.00	808.84	0.00	0.00	0.00	808.84	0.00	0.00	0.00	0.00	0.00	5.84	5.84
Total NCE			90.30		90.30	1543.29	1543.29	35.28	874.45	0.00	0.00	0.00	909.73	0.23	0.00	0.00	0.00	0.00	5.67	5.89

Form 1.5 Interest on Consumer Security Deposits

		Amount (In Rs crores)						Remarks					
Revenue Requirement Item (Rs. Crs.)	Details link	For Control Period											
		Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
A	Opening Balance	422.40	499.46	531.42	587.64	654.19	724.06						
B	Additions during the Year	77.06	31.96	56.23	66.55	69.87	0.00						
C	Deductions during the Year	0.00	0.00	0.00	0.00	0.00	0.00						
D	Closing Balance	499.46	531.42	587.64	654.19	724.06	724.06						
E	Average Balance ((A+D)/2)	460.93	515.44	559.53	620.92	689.13	724.06						
F	Interest @ % p.a. #	8.38	8.21	7.44	6.75	6.75							
G	Interest Cost (E*F)	38.65	42.32	41.60	41.91	46.52	0.00						

Note: Interest Rate to be entered as a number, e.g. interest rate of 4.56% should be typed as "4.56" in the cells.

Details of Actuals incurred (based on audited Annual Accounts)							
I	Interest @ % p.a. #	8.38	8.21	7.44	6.75	6.75	0.00
J	Interest Cost (E*F)	38.65	42.32	41.60	41.91	46.52	0.00

[Index Sheet](#)

Form 1.6 Supply Margin

		Amount (In Rs crores)										
Particulars	Details link	For Control Period						Remarks				
		Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	Base Year	2014-15	2015-16	2016-17	2017-18
A	Supply Margin Amount	6.76	7.54	8.99	10.71	13.14						

Form 1.7

Other Costs

Amount (In Rs crores)

S.No.	Particulars	Details link	For Control Period					Remarks							
			Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	
1	Reactive charges		0.18	2.16	1.16	1.16	1.16								
2	Assets Maintenance charges				0.08	0.08	0.08								
3	Wheeling charges KPTCL			1.10	1.15	1.15	1.15								
4	Others				3.30	3.30	3.30								
5	Conjestion charges				0.06	0.06	0.06								
6															
7															
8															
9															
10															
11															
12															
	Total		0.18	3.26	5.75	5.75	5.75	0.00							

Form 2
Cost of Service: Embedded Cost Method

Cost of Service: Embedded Cost Method

Consumer Categories	Detail Links	Base Year			2014-15			2015-16			2016-17			2017-18			2018-19		
		Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)	Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)	Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)	Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)	Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)	Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)
LT Category		0.00	7682.48	0.00	0.00	8270.53	0.00	0.00	8632.80	0.00	0.00	9207.57	0.00	0.00	9869.65	0.00	0.00	0.00	0.00
Category I (A&B) - Domestic	Form-3		2276.69	0.00		2442.49	0.00		2819.02	0.00		3070.00	0.00		3343.33	0.00		0.00	0.00
Category II (A,B, C & D) - Non-domestic/Commercial	Form-13		473.62	0.00		502.62	0.00		572.43	0.00		617.92	0.00		667.03	0.00		0.00	0.00
Category III - Industrial			266.38	0.00		268.40	0.00		247.05	0.00		245.62	0.00		248.08	0.00		0.00	0.00
Category IV (A,&B) - Cottage Industries & Agrobased Ind.			5.85	0.00		6.00	0.00		6.32	0.00		6.48	0.00		6.65	0.00		0.00	0.00
Category V (A, B & C) - Irrigation and Agriculture			4361.35	0.00		4738.38	0.00		4671.95	0.00		4942.39	0.00		5263.65	0.00		0.00	0.00
Category VI (A & B) - Local Bodies, St. Lighting & PWS			267.24	0.00		279.45	0.00		277.34	0.00		281.44	0.00		292.03	0.00		0.00	0.00
Category VII (A & B) - General Purpose & Religious Places			31.35	0.00		33.19	0.00		38.69	0.00		43.72	0.00		48.89	0.00		0.00	0.00
Category VIII -Temporary Supply			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
HT Category at 11 KV		0.00	1057.83	0.00	0.00	1241.10	0.00	0.00	1249.32	0.00	0.00	1317.04	0.00	0.00	1494.85	0.00	0.00	0.00	0.00
HT-I Industry			396.47	0.00		502.65	0.00		488.62	0.00		498.33	0.00		557.59	0.00		0.00	0.00
HT-I (B) Ferro-Alloys			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
HT-II - Others			74.00	0.00		86.65	0.00		99.38	0.00		107.55	0.00		119.82	0.00		0.00	0.00
HT-III Airports, Railway and Busstations			6.94	0.00		7.59	0.00		7.97	0.00		8.02	0.00		8.60	0.00		0.00	0.00
HT-IV A Lift Irrigation & Agriculture			18.22	0.00		26.95	0.00		13.72	0.00		14.78	0.00		14.78	0.00		0.00	0.00
HT - IV (B) Composite P.W.S Schemes			11.03	0.00		15.63	0.00		17.64	0.00		22.75	0.00		81.26	0.00		0.00	0.00
HT-VI Townships and Residential Colonies			15.71	0.00		15.79	0.00		14.48	0.00		12.80	0.00		13.06	0.00		0.00	0.00
HT-VII - Green Power			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
HT - VII - Temporary Supply			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
HT- RESCOs			535.47	0.00		585.83	0.00		607.52	0.00		652.80	0.00		699.74	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
			0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00

HT Category at 33 KV			0.00	295.15	0.00	0.00	339.20	0.00	0.00	286.39	0.00	0.00	297.92	0.00	0.00	508.32	0.00	0.00	0.00	0.00	
HT-I Industry			161.95	0.00		172.68	0.00			181.06	0.00		180.48	0.00		184.21	0.00			0.00	0.00
HT-I (B) Ferro-Alloys			37.30	0.00		43.50	0.00			0.00	0.00		0.02	0.00		0.00	0.00			0.00	0.00
HT-II - Others			6.75	0.00		10.80	0.00			26.39	0.00		13.13	0.00		13.39	0.00			0.00	0.00
HT-III Airports, Railway and Busstations			0.00	0.00		0.00	0.00			13.48	0.00		0.00	0.00		0.00	0.00			0.00	0.00
HT-IV A Lift Irrigation & Agriculture			14.83	0.00		20.51	0.00			21.63	0.00		27.80	0.00		27.80	0.00			0.00	0.00
HT - IV (B) Composite P.W.S Schemes			0.00	0.00		0.00	0.00			0.05	0.00		31.23	0.00		236.12	0.00			0.00	0.00
HT-VI Townships and Residential Colonies			35.54	0.00		38.19	0.00			43.78	0.00		45.26	0.00		46.79	0.00			0.00	0.00
HT-VII - Green Power			0.00	0.00		0.00	0.00			0.00	0.00										
HT - VII - Temporary Supply			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
HT- RESCOs			38.79	0.00		53.53	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
HT Category at 132 KV			0.00	1251.21	0.00	0.00	1253.97	0.00	0.00	1397.17	0.00	0.00	1552.55	0.00	0.00	1992.84	0.00	0.00	0.00	0.00	0.00
HT-I Industry			585.12	0.00		516.62	0.00			570.94	0.00		684.89	0.00		694.65	0.00			0.00	0.00
HT-I (B) Ferro-Alloys			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
HT-II - Others			2.26	0.00		1.42	0.00			12.39	0.00		6.12	0.00		3.38	0.00			0.00	0.00
HT-III Airports, Railway and Busstations			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
HT-IV A Lift Irrigation & Agriculture			131.38	0.00		205.41	0.00			287.74	0.00		339.94	0.00		767.71	0.00			0.00	0.00
HT - IV (B) Composite P.W.S Schemes			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
HT-V (A) Railway Traction			441.55	0.00		441.95	0.00			430.40	0.00		421.74	0.00		422.91	0.00			0.00	0.00
HT-V (B) HMR													0.00	0.00		0.00	0.00			0.00	0.00
HT-VI Townships and Residential Colonies			90.89	0.00		88.57	0.00			95.70	0.00		99.86	0.00		104.19	0.00			0.00	0.00
HT-VII - Green Power			0.00	0.00		0.00	0.00			0.00	0.00										
HT - VII - Temporary Supply			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
HT- RESCOs			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
			0.00	0.00		0.00	0.00			0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00
Total			0.00	10286.68	0.00	0.00	11104.79	0.00	0.00	11565.68	0.00	0.00	12375.08	0.00	0.00	13865.66	0.00	0.00	0.00	0.00	0.00

Form 3

Sales Forecast

Base Year

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total	Remarks
LT Category		638.49	597.75	471.06	547.71	665.44	707.12	643.14	514.65	622.68	770.38	721.88	782.19	7682.48	
Category I (A&B) - Domestic		186.80	216.83	236.58	204.21	188.26	201.15	205.79	201.10	174.66	150.78	155.84	154.72	2276.69	
Category II (A,B & C) - Non-domestic/Commercial		39.26	43.78	49.76	40.47	38.27	40.32	41.75	40.09	37.28	34.88	35.02	32.73	473.62	
Category III (A & B) - Industrial		24.28	25.25	25.67	20.35	18.02	18.91	16.97	17.82	25.49	30.22	24.29	19.13	266.38	
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.52	0.55	0.56	0.50	0.49	0.48	0.57	0.45	0.46	0.46	0.42	0.39	5.85	
Category V (A, B & C) - Irrigation and Agriculture		360.79	286.83	132.52	257.23	396.57	421.75	353.39	230.58	359.70	528.89	481.63	551.46	4361.35	
Category VI (A & B) - Local Bodies, St. Lighting & PWS		22.80	22.48	24.00	22.38	21.15	21.73	21.92	21.95	22.43	22.73	22.35	21.31	267.24	
Category VII (A & B) - General Purpose & Religious Places		4.04	2.04	1.97	2.57	2.68	2.79	2.75	2.65	2.66	2.43	2.33	2.45	31.35	
Category VIII -Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
HT Category at 11 KV		92.67	77.53	73.79	94.08	79.00	87.38	76.41	73.99	92.34	108.56	110.52	91.56	1057.83	
HT-I Industry		35.50	31.50	28.39	32.05	25.52	24.50	22.71	35.02	44.52	43.15	41.68	31.93	396.47	
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-II - Others		6.58	7.25	6.74	6.66	6.14	6.21	6.11	5.66	5.16	5.31	6.06	6.13	74.00	
HT-III Airports, Railway and Busstations		0.51	0.75	0.70	0.56	0.56	0.59	0.63	0.57	0.52	0.52	0.51	0.49	6.94	
HT-IV A Lift Irrigation & Agriculture		2.33	0.72	0.22	0.57	0.72	2.14	1.27	1.08	1.01	2.28	3.07	2.80	18.22	
HT- IV B - CP Water Supply Schemes		0.88	0.99	0.90	0.58	0.72	0.88	0.89	0.99	1.04	1.05	1.11	1.00	11.03	
HT-VI Townships and Residential Colonies		1.48	1.63	1.64	1.32	1.36	1.34	1.35	1.21	1.22	1.03	1.03	1.10	15.71	
HT-VII - Green Power														0.00	
HT - VIII - Temporary Supply														0.00	
HT- RESCOs		45.39	34.69	35.19	52.34	43.99	51.72	43.45	29.46	38.87	55.21	57.06	48.10	535.47	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
HT Category at 33 KV		22.11	20.46	20.72	23.14	22.57	32.18	23.09	22.36	24.86	27.73	29.86	26.07	295.15	
HT-I Industry		13.14	12.23	12.87	13.89	12.58	14.49	12.70	13.46	15.35	13.46	14.95	12.83	161.95	
HT-I (B) Ferro-Alloys		2.17	2.40	2.43	2.89	3.15	3.34	3.18	3.53	3.66	3.29	3.63	3.63	37.30	
HT-II - Others		0.53	0.40	0.39	0.29	0.48	0.57	0.57	0.64	0.61	0.69	0.85	0.73	6.75	
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-IV A Lift Irrigation & Agriculture		0.32	0.06	0.07	0.07	0.44	7.06	1.01	0.42	0.13	1.87	1.98	1.39	14.83	
HT- IV B - CP Water Supply Schemes		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-VI Townships and Residential Colonies		3.29	3.37	3.06	3.22	3.03	3.22	3.04	2.53	2.65	2.69	2.85	2.59	35.54	
HT-VII - Green Power														0.00	
HT - VIII - Temporary Supply														0.00	
HT- RESCOs		2.66	2.00	1.90	2.78	2.89	3.49	2.59	1.78	2.47	5.73	5.59	4.90	38.79	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
HT Category at 132 KV		95.14	89.14	92.75	90.39	113.98	143.91	123.12	94.51	89.02	100.99	113.09	105.19	1251.21	
HT-I Industry		47.43	43.75	46.01	45.97	46.62	52.39	50.14	51.04	47.33	51.80	53.77	48.87	585.12	
HT-I (B) Ferro-Alloys														0.00	
HT-II - Others		0.36	0.14	0.11	0.29	0.29	0.01	0.11	0.01	0.02	0.01	0.48	0.44	2.26	
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-IV A Lift Irrigation & Agriculture		1.02	0.54	0.59	1.33	23.05	43.58	25.91	1.11	0.38	5.23	15.55	13.09	131.38	
HT- IV B - CP Water Supply Schemes		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-V Railway Traction		37.72	35.59	37.19	34.70	36.39	39.79	37.59	35.66	35.67	38.16	37.01	36.08	441.55	
HT-VI Townships and Residential Colonies		8.61	9.12	8.85	8.09	7.62	8.14	9.37	6.70	5.61	5.80	6.27	6.70	90.89	
HT-VII - Green Power														0.00	
HT - VIII - Temporary Supply														0.00	
HT- RESCOs														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	

																			0.00
																			0.00
																			0.00
																			0.00
																			0.00
Total		859.06	765.76	705.43	1006.23	1096.67	1066.50	1231.40	955.10	951.74	953.55	982.53	991.72	11565.68					

2016-17

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total	Remarks
LT Category		696.64	575.64	542.96	710.12	970.91	691.31	1037.55	747.24	791.81	785.67	815.15	842.57	9207.57	
Category I (A&B) - Domestic		270.98	283.10	289.78	264.59	254.49	261.04	265.59	264.87	238.71	219.86	216.32	240.67	3070.00	
Category II (A,B,C & D) - Non-domestic/Commercial		55.59	56.07	57.56	52.84	48.98	50.89	50.14	51.83	47.87	48.23	46.87	51.04	617.92	
Category III - Industrial		22.11	20.09	20.30	18.87	17.33	17.49	16.84	18.33	21.51	27.87	23.54	21.36	245.62	
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.59	0.55	0.56	0.55	0.51	0.52	0.53	0.54	0.50	0.56	0.55	0.53	6.48	
Category V (A, B & C) - Irrigation and Agriculture		320.02	189.43	149.55	346.98	623.41	334.30	676.85	383.93	455.39	460.70	500.40	501.44	4942.39	
Category VI (A & B) - Local Bodies, St. Lighting & PWS		23.48	23.48	22.58	22.63	22.03	22.99	23.75	24.35	24.01	24.78	24.00	23.38	281.44	
Category VII (A & B) - General Purpose		3.87	2.92	2.63	3.66	4.16	4.08	3.86	3.39	3.82	3.69	3.48	4.16	43.72	
Category VIII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
HT Category at 11 KV		112.84	83.65	91.47	92.49	110.40	116.53	107.24	117.13	121.49	126.25	124.85	112.70	1317.04	
HT-I Industry Segregated		38.86	34.26	35.60	34.16	34.81	34.73	34.50	45.89	57.19	53.25	53.54	41.53	498.33	
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-II - Others		10.34	10.08	9.43	8.04	9.28	9.22	9.03	9.10	8.29	7.17	8.56	9.00	107.55	
HT-III Airports, Railway and Busstations		0.79	0.77	0.81	0.64	0.68	0.69	0.63	0.65	0.60	0.57	0.62	0.60	8.02	
HT-IV A Govt Lift Irrigation		1.26	0.87	0.17	0.27	1.75	2.58	1.66	1.78	0.84	1.12	1.39	1.08	14.78	
HT- IV B - CP Water Supply Schemes		1.38	1.11	1.06	1.11	1.30	1.16	1.14	1.31	3.34	3.34	3.22	3.29	22.75	
HT-VI Townships and Residential Colonies		1.25	1.09	1.15	0.99	1.02	1.04	1.14	1.13	1.03	0.95	1.00	1.01	12.80	
HT -VII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT - RESCOs		58.96	35.48	43.25	47.27	61.55	67.11	59.15	57.26	50.20	59.86	56.51	56.20	652.80	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
HT Category at 33 KV		21.65	20.15	19.94	18.09	26.55	26.80	25.14	24.24	29.61	29.31	29.01	27.45	297.92	
HT-I Industry Segregated		16.11	14.97	14.72	13.27	14.24	13.41	14.70	15.82	16.45	16.13	16.04	14.62	180.48	
HT-I (B) Ferro-Alloys		0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	
HT-II - Others		1.20	1.02	0.91	0.99	1.12	1.07	1.13	1.14	1.15	1.16	1.11	1.14	13.13	
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT -IV A Govt Lift Irrigation		0.22	0.18	0.06	0.04	6.78	8.53	5.75	3.57	0.84	0.96	0.51	0.36	27.80	
HT- IV B - CP Water Supply Schemes		0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	7.79	7.80	7.80	7.80	31.23	
HT-VI Townships and Residential Colonies		4.11	3.97	4.24	3.78	4.40	3.78	3.55	3.70	3.38	3.26	3.55	3.54	45.26	
HT -VII - Temporary Supply														0.00	
HT - RESCOs														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
HT Category at 132 KV		101.75	103.82	109.84	140.67	178.52	184.34	165.72	144.48	103.50	105.28	111.19	103.44	1552.55	
HT-I Industry Segregated		54.74	52.34	57.59	53.24	57.39	62.12	52.88	49.68	59.29	59.90	64.95	60.78	684.89	
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-II - Others		2.22	1.14	0.38	0.49	0.41	0.27	0.20	0.20	0.20	0.20	0.20	0.20	6.12	
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT -IV A Govt Lift Irrigation		0.55	7.12	7.47	45.91	76.44	78.54	68.91	50.95	2.04	0.52	0.85	0.64	339.94	
HT- IV B - CP Water Supply Schemes		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-V (A) Railway Traction		35.23	34.28	35.19	32.95	35.97	34.54	35.10	35.66	34.35	37.63	37.36	33.48	421.74	
HT-V (B) HMR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-VI Townships and Residential Colonies		9.00	8.94	9.22	8.09	8.31	8.88	8.63	7.99	7.62	7.03	7.82	8.34	99.86	
HT -VII - Temporary Supply														0.00	
HT - RESCOs														0.00	

																		0.00
																		0.00
																		0.00
																		0.00
Total			932.88	783.26	764.21	961.37	1286.37	1018.99	1335.64	1033.09	1046.41	1046.51	1080.19	1086.16				12375.08

2017-18

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total	Remarks
LT Category		747.63	619.13	584.52	762.01	989.59	791.93	1110.77	801.46	847.91	840.54	872.05	902.12	9869.65	
Category I (A&B) - Domestic		295.10	308.30	315.58	288.15	277.15	284.29	289.24	288.45	259.97	239.43	235.58	262.10	3343.33	
Category II (A,B,C & D) - Non-domestic/Commercial		60.01	60.53	62.13	57.04	52.88	54.93	54.12	55.95	51.68	52.07	50.59	55.10	667.03	
Category III - Industrial		22.33	20.29	20.50	19.06	17.50	17.66	17.00	18.52	21.73	28.15	23.77	21.57	248.08	
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.61	0.57	0.58	0.57	0.52	0.53	0.54	0.55	0.51	0.57	0.56	0.54	6.65	
Category V (A, B & C) - Irrigation and Agriculture		340.82	201.74	159.27	369.53	613.93	406.03	720.85	408.88	484.99	490.65	532.92	534.03	5263.65	
Category VI (A & B) - Local Bodies, St. Lighting & PWS		24.43	24.44	23.51	23.57	22.96	23.93	24.71	25.31	24.77	25.53	24.73	24.13	292.03	
Category VII (A & B) - General Purpose		4.33	3.27	2.94	4.09	4.65	4.56	4.31	3.79	4.27	4.13	3.90	4.65	48.89	
Category VIII -Temporary Supply														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
HT Category at 11 KV		128.53	97.19	105.54	106.61	125.77	132.18	122.37	133.38	136.38	141.23	139.44	126.23	1494.85	
HT-I Industry Segregated		43.48	38.33	39.83	38.22	38.95	38.86	38.60	51.35	63.99	59.58	59.90	46.47	557.59	
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-II - Others		11.52	11.23	10.51	8.96	10.34	10.27	10.05	10.13	9.24	7.99	9.54	10.03	119.82	
HT-III Airports, Railway and Busstations		0.85	0.83	0.86	0.68	0.72	0.73	0.67	0.70	0.64	0.61	0.66	0.64	8.60	
HT-IV A Govt Lift Irrigation		1.26	0.87	0.17	0.27	1.75	2.58	1.66	1.78	0.84	1.12	1.39	1.08	14.78	
HT-IV B - CP Water Supply Schemes		6.95	6.78	6.62	6.79	6.98	6.73	6.82	6.88	6.80	6.80	6.35	6.75	81.26	
HT-VI Townships and Residential Colonies		1.27	1.12	1.17	1.01	1.04	1.06	1.16	1.16	1.05	0.97	1.02	1.03	13.06	
HT-VII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT - RESCOs		63.20	38.03	46.36	50.67	65.97	71.94	63.41	61.37	53.81	64.16	60.57	60.24	699.74	
														0.00	
														0.00	
														0.00	
														0.00	
HT Category at 33 KV		41.67	40.52	39.93	38.43	46.93	46.76	45.50	44.24	42.16	41.84	40.38	39.96	508.32	
HT-I Industry Segregated		16.45	15.28	15.03	13.54	14.54	13.69	15.00	16.14	16.79	16.46	16.37	14.92	184.21	
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-II - Others		1.22	1.04	0.92	1.01	1.14	1.09	1.15	1.16	1.17	1.19	1.13	1.16	13.39	
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-IV A Govt Lift Irrigation		0.22	0.18	0.06	0.04	6.78	8.53	5.75	3.57	0.84	0.96	0.51	0.36	27.80	
HT-IV B - CP Water Supply Schemes		19.54	19.93	19.53	19.92	19.92	19.53	19.93	19.54	19.86	19.86	18.70	19.86	236.12	
HT-VI Townships and Residential Colonies		4.24	4.10	4.38	3.91	4.55	3.91	3.67	3.83	3.50	3.37	3.67	3.65	46.79	
HT-VII - Temporary Supply														0.00	
HT - RESCOs														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
HT Category at 132 KV		101.07	104.19	111.06	141.58	322.33	328.33	309.61	145.71	104.85	106.63	112.64	104.85	1992.84	
HT-I Industry Segregated		55.52	53.08	58.41	53.91	58.28	63.03	53.64	50.39	60.13	60.76	65.87	61.65	694.65	
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-II - Others		0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	3.38	
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-IV A Govt Lift Irrigation		0.55	7.12	7.47	45.91	219.03	221.13	211.50	50.95	2.04	0.52	0.85	0.64	767.71	
HT-IV B - CP Water Supply Schemes		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-V (A) Railway Traction		35.33	34.38	35.29	33.04	36.07	34.63	35.19	35.76	34.44	37.74	37.47	33.57	422.91	
HT-V (B) HMR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HT-VI Townships and Residential Colonies		9.39	9.32	9.62	8.44	8.67	9.26	9.00	8.33	7.95	7.33	8.16	8.70	104.19	
HT-VII - Temporary Supply														0.00	
HT - RESCOs														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
Total		1018.90	861.03	841.04	1048.63	1484.62	1299.20	1598.25	1124.79	1131.30	1130.23	1164.51	1173.16	13865.66	

Form 4

Power Purchase Requirement

Particulars	Detail Links	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
Total Sales, MU		10286.68	11104.79	11565.68	12375.08	13865.66	0.00
Sales (LT, 11kV, 33kV) (MU)	Form 3	9035.47	9850.82	10168.51	10822.53	11872.82	0.00
EHT Sales (MU)	Form 3	1251.21	1253.97	1397.17	1552.55	1992.84	0.00
Total Losses, MU		2170.82	2348.30	2268.26	2325.12	2457.60	0.00
Distribution System Losses (MU)	Form 4a	1580.99	1696.82	1704.26	1518.04	1608.32	0.00
Transmission System Losses (MU)		589.83	651.49	564.00	807.09	849.28	0.00
Total Losses, (%)		17.43	17.46	16.40	15.82	15.06	0.00
Transmission Losses (%)		4.73	4.84	4.08	5.49	5.20	0.00
Distribution System Losses(%)	Form 4a	14.89	14.69	14.35	12.30	11.93	0.00
Input to Distribution System		10616.46	11547.64	11872.77	12340.57	13481.14	0.00
Power Purchase Requirement (MU)		12457.50	13453.10	13833.93	14700.20	16323.26	0.00
Availability	Form 4.1	12457.50	13453.10	14600.18	17115.86	19593.47	0.00
Dispatch	Form 4.2	12457.50	13453.10	14600.18	14700.20	16323.11	0.00
Surplus /(deficit)		0.00	0.00	766.24	2415.65	3270.21	0.00

Note:

1. Transmission Losses percentage e.g. 4.52 % to be entered in numbers as 4.52 in Form 4b only
2. Transmission Losses to include PGCIL Losses.
3. The Transmission Losses percentage should be consistent with calculations in **Form 4b**

Relates to detailed calculation of the Transmission Losses percentage entered in **Form 4**. The working of the losses (MU & percentages) to be entered under working notes **Form 4b**.

Form 4B - Transmission Losses

Particulars	Detail Links	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	Remarks						
								Base Year	2014-15	2015-16	2016-17	2017-18	2018-19	
Total Transmission Losses (Inclusive of PGCIL) (%)														
Input to TTransco Network (MU)														
TTransco Losses (%)		4.73	4.84	4.08	5.49	5.20			inclusive of PGCIL losses	inclusive of PGCIL losses	inclusive of PGCIL losses			
TTransco Losses (MU)														
Input to PGCIL (For CGS) (MU)														
PGCIL Losses (%) (For CGS)														
PGCIL Losses (MU) (For CGS)														

Form 4a Energy Losses (Distribution System)

Particulars		D - Link	Base Year	2014-15	2015-16	2016-17	2017-18	2018-19
I. Losses in 33 KV System and Connected Equipment								
(i)	Total Energy delivered into 33 KV Distribution System from EHT SSS	A	10616.46	11547.64	11872.77	12340.57	13481.14	
(ii)	Energy delivered by all other Generating Stations at 33kV	B						
(iii)	Energy consumed by HT consumers at 33KV (Sales + Third Party)	X	295.15	339.20	286.39	297.92	508.32	
(iv)	Energy Delivered into 11 KV and LT System from 33/11 KV SSS	C	9843.57	10691.10	11062.13	11549.03	12433.58	
	Losses (33 kV System)	(A + B) - (C + X)	477.74	517.33	524.25	493.62	539.25	0.00
	% Losses (33 kV System)	100 x [(A+B)-(C+X)] / (A+B)	4.50	4.48	4.42	4.00	4.00	0.00
II. Losses in 11 KV System and Connected Equipment								
(i)	Energy delivered into 11 KV system from 33/11KV SSS	C	9843.57	10691.10	11062.13	11549.03	12433.58	
(ii)	Energy delivered into 11 KV Distribution System from EHT SSS	D						
(iii)	Energy delivered at 11kV from all other Generating Stations	E						
(iv)	Total Energy delivered into 11 KV and LT Distribution System	C+D+E	9843.57	10691.10	11062.13	11549.03	12433.58	0.00
(v)	Energy consumed by HT consumers at 11KV (Sales + Third Party)	Y	1057.83	1241.10	1249.32	1317.04	1494.85	
(vi)	Total Output from 11kV to LT	F	8318.17	8947.53	9301.89	9743.46	10416.52	
	Losses (11kV System)	(C + D + E) - (Y + F)	467.57	502.48	510.93	488.52	522.21	0.00
	% Losses (11kV System)	[(C+D+E)-(Y+F)] x 100 / (C+D+E)	4.75	4.70	4.62	4.23	4.20	0.00
III. Losses in LT system and connected equipment								
(i)	Energy delivered to LT system from 11/400 V DTRs	F	8318.17	8947.53	9301.89	9743.46	10416.52	
(ii)	Energy sold to metered categories	Z	3321.13	3532.14	3960.85	4265.18	4606.01	
(iii)	Energy sold to un-metered categories	N	4361.35	4738.38	4671.95	4942.39	5263.65	
	Losses (LT System)	F-(Z+N)	635.68	677.00	669.08	535.89	546.87	0.00
	% Losses (LT System)	[F-(Z+N)] x 100 / (F)	7.64	7.57	7.19	5.50	5.25	0.00
IV. Total losses in the Distribution System								
(i)	Total Input to the distribution system	A + B + D + E	10616.46	11547.64	11872.77	12340.57	13481.14	0.00
(ii)	Total Output from the Distribution Sytem	X + Y + Z + N	9035.47	9850.82	10168.51	10822.53	11872.82	0.00
(iii)	EHT Sales	G	1251.21	1253.97	1397.17	1552.55	1992.84	0.00
	Distribution System Losses	(A + B + D + E)-(X + Y + Z + N)	1580.99	1696.82	1704.26	1518.04	1608.32	0.00
	% Distribution System Losses (Excluding EHT Sales)	[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E)	14.89	14.69	14.35	12.30	11.93	0.00
	% Distribution System Losses (Including EHT Sales)	[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E +G)	13.32	13.25	12.84	10.93	10.39	0.00

Base Year

Generating Station	D Link	PLF (%)	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Yearly Auxiliary Consumption (MU)	Net Energy Availability (MU)							
				April	May	June	July	August	September	October	November	December	January	February	March			Total						
TSGENCO																								
Thermal																								
VTPS I				111.78	121.85	99.63	113.96	87.37	107.19	72.46	97.42	110.23	125.69	116.13	128.43								1292.15	1292.15
VTPS II				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								0.00	0.00
VTPS III				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								0.00	0.00
VTPS IV				53.24	51.47	43.95	49.30	49.10	47.70	39.61	47.00	44.78	50.41	48.20	46.47								571.23	571.23
RTPP I				39.44	40.40	37.39	23.67	16.41	10.95	25.77	23.91	36.89	39.27	34.54	37.63								366.27	366.27
RTPP Stage-II				42.60	41.69	39.55	40.00	38.81	22.01	26.84	35.97	28.69	41.08	40.39	39.79								437.41	437.41
RTPP Stage-III				15.54	20.92	18.91	19.25	17.21	14.36	14.35	15.24	9.40	20.06	19.47	18.93								203.61	203.61
KTPS A				56.60	57.91	48.34	39.57	35.73	46.92	50.29	51.67	56.05	54.61	47.22	58.81								603.73	603.73
KTPS B				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								0.00	0.00
KTPS C				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								0.00	0.00
KTPS D				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								0.00	0.00
KTPS Stage VI				45.43	48.55	30.55	38.38	35.94	44.32	44.48	46.66	47.18	44.54	39.87	48.07								513.96	513.96
RTS B				5.34	6.18	5.27	5.35	5.23	5.14	5.18	5.61	4.44	6.11	4.69	5.05								63.59	63.59
NTS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								0.00	0.00
Kakatiya Thermal Power Plant Stage I				41.03	51.37	36.83	3.86	32.52	42.74	40.83	37.95	45.50	49.96	37.86	45.85								466.30	466.30
Kakatiya Thermal Power Plant Stage II				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - I				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - II				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								0.00	0.00
KTPS Stage VI Infirm Power				52.31	46.19	45.13	34.99	0.48	36.82	45.39	49.22	50.06	53.23	48.66	51.81								514.30	514.30
																							0.00	0.00
																							0.00	0.00
																							0.00	0.00
																							0.00	0.00
TOTAL THERMAL				463.31	486.53	405.55	368.31	318.81	378.15	365.21	410.65	433.21	484.97	437.02	480.84								5032.54	5032.54
MACHKUND PH AP Share				5.37	6.11	3.94	4.32	4.00	4.44	3.22	3.70	3.66	3.52	3.04	3.99								49.31	49.31
TUNGBHADRA PH AP Share				0.41	0.62	-0.08	1.80	4.63	3.63	2.92	2.98	1.40	2.60	1.84	1.54								24.29	24.29
USL				7.92	2.27	4.94	6.62	1.67	2.96	6.46	7.76	7.14	7.97	6.28	9.65								71.64	71.64
LSR				18.62	18.12	13.44	15.00	16.36	12.94	16.72	17.77	17.88	18.15	14.00	19.00								198.00	198.00
DONKARAYI				1.51	1.16	0.59	0.70	1.63	1.65	2.16	2.20	2.21	2.11	0.81	1.57								18.30	18.30
SSLM				21.41	9.46	3.97	14.90	58.69	38.89	14.48	7.60	8.25	14.94	19.88	21.90								234.38	234.38
NSPH				6.11	-0.08	-0.07	0.53	76.08	49.54	25.73	8.17	8.78	12.17	9.13	15.61								211.71	211.71
NSRCPH				0.00	0.00	0.00	0.00	5.49	6.60	5.88	6.54	4.72	3.24	0.77	0.00								33.23	33.23
NSLCPH				0.00	0.00	0.00	0.00	3.60	4.48	2.56	2.43	1.66	0.66	0.00	0.00								15.39	15.39
POCHAMPAD PH				0.00	0.00	0.00	0.52	2.03	1.46	1.91	0.19	0.43	1.15	1.27	1.25								10.19	10.19
NIZAMSAGAR PH				0.00	0.00	0.00	0.00	0.00	0.26	0.14	0.00	0.11	0.57	0.45	0.48								1.99	1.99
PABM				0.00	0.00	0.00	0.04	0.33	0.21	0.00	0.00	0.00	0.00	0.08	0.13								0.76	0.76
MINI HYDRO&OTHERS				0.02	0.00	0.01	0.06	0.21	0.20	0.23	0.06	0.19	0.18	0.17	0.18								1.49	1.49
SINGUR				0.07	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.06	0.12	0.39								0.68	0.68
SSLM LCPh				0.53	-0.01	0.00	0.43	83.24	61.53	31.30	3.73	2.31	2.51	7.01	17.73								210.31	210.31
Nagarjunasagar Tail Pond Dam Power House				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								0.00	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share				-0.01	-0.01	-0.01	5.91	16.59	9.60	7.86	1.64	0.58	0.17	-0.01	-0.02								42.29	42.29
Lower Jurala Hydro Electric Project				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								0.00	0.00
Ramagiri Wind Mills				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								3.05	3.05
POCHAMPAD PH Stage 2				0.00	0.00	0.00	0.14	0.31	0.25	0.67	0.02	0.03	0.53	0.53	0.56								0.00	0.00
																							0.00	0.00
																							0.00	0.00
																							0.00	0.00
																							0.00	0.00
TOTAL HYDRO				61.95	37.63	26.72	50.97	274.87	198.68	122.22	64.77	59.34	70.53	65.37	93.96								1127.01	1127.01
TOTAL TSGENCO				525.27	524.16	432.26	419.28	593.68	576.83	487.43	475.42	492.55	555.50	502.38	574.50								6159.56	6159.56
Central Generating Stations																								
NTPC																								
NTPC (SR)																								
NTPC (SR)				71.66	74.39	53.12	58.06	48.23	51.48	50.60	65.11	72.45	66.89	68.88	73.08								753.96	753.96
NTPC (SR) Stage III				18.46	18.37	16.00	16.74	16.12	16.42	15.94	18.14	13.74	23.09	19.53	17.74								210.30	210.30
Total NTPC(SR)				90.13	92.76	69.12	74.80	64.36	67.90	66.54	83.25	86.19	89.98	88.41	90.82								964.26	964.26
NTPC (ER)																								
Farakka				3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								3.25	3.25
Kahalgaon				1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								1.44	1.44
Talcher - Stage 1				2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								2.09	2.09

Talcher Stage 2				28.32	26.33	32.08	34.49	34.34	34.95	31.51	40.91	41.76	43.70	39.00	45.05	432.44	432.44	
Others				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NTPC(ER)				35.10	26.33	32.08	34.49	34.34	34.95	31.51	40.91	41.76	43.70	39.00	45.05	439.23	0.00	439.23
Total NTPC				125.23	119.09	101.21	109.29	98.70	102.85	98.05	124.16	127.95	133.68	127.42	135.86	1403.48	0.00	1403.48
NLC TS-II																		
Stage-I				11.65	11.95	10.67	12.74	11.09	10.01	6.83	9.17	8.17	13.92	11.08	12.78	130.06	130.06	
Stage-II				20.50	20.10	20.14	19.55	12.86	13.51	16.78	16.14	21.11	25.09	19.39	22.28	227.45	227.45	
Total NLC				32.14	32.05	30.80	32.29	23.95	23.52	23.61	25.32	29.28	39.01	30.47	35.06	357.51	0.00	357.51
NPC																		
NPC-MAPS				1.54	1.53	1.54	1.63	1.63	1.57	3.20	2.19	3.38	3.39	2.78	3.40	27.76	27.76	
NPC-Kaiga unit I				12.08	13.03	13.03	14.17	14.53	13.91	13.57	10.96	8.82	11.44	10.79	11.99	148.33	148.33	
NPC-Kaiga unit II				11.21	14.20	13.64	14.74	15.24	10.74	10.84	7.75	15.63	14.58	13.14	8.81	150.52	150.52	
Total NPC				24.83	28.76	28.21	30.54	31.40	26.23	27.61	20.90	27.83	29.41	26.70	24.20	326.61	0.00	326.61
NTPC - Simhadri																		
NTPC Simhadri Stage I				101.49	93.84	100.58	92.43	105.95	98.03	88.40	59.11	92.65	99.42	98.43	108.58	1138.92	1138.92	
NTPC Simhadri Stage II				44.30	40.45	44.72	36.10	23.26	32.98	30.64	44.33	49.76	58.32	51.18	50.57	506.61	506.61	
Total NTPC- Simhadri				145.79	134.29	145.29	128.53	129.21	131.02	119.05	103.44	142.41	157.74	149.61	159.15	1645.54	0.00	1645.54
CGS - New																		
Vallur Thermal Power Plant				4.84	3.54	2.70	5.82	1.61	5.98	7.53	7.51	7.11	16.52	10.81	9.26	83.21	83.21	
																0.00	0.00	
																0.00	0.00	
TOTAL CGS				332.83	317.73	308.21	306.47	284.87	289.59	275.84	281.33	334.57	376.36	345.01	363.54	3816.35	0.00	3816.35
APGPCL																		
APGPCL I - Allocated capacity				0.69	0.64	0.80	0.78	0.67	0.66	0.63	0.64	0.74	0.70	1.00	1.59	9.52	9.52	
APGPCL I - Unutilised capacity				0.46	0.01	0.03	0.02	0.03	0.03	0.01	0.01	0.08	0.11	0.17	0.36	1.31	1.31	
APGPCL II - Allocated capacity				2.41	2.30	2.43	2.73	2.37	2.29	2.22	2.22	2.77	2.55	1.30	0.00	25.58	25.58	
APGPCL II - Unutilised capacity				0.60	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.02	1.02	
Total APGPCL				4.16	3.36	3.26	3.52	3.07	2.97	2.86	2.87	3.59	3.36	2.47	1.94	37.44	0.00	37.44
IPPS																		
GVK				11.96	11.84	13.15	12.28	11.30	10.83	11.43	13.08	15.65	15.21	13.29	11.46	151.48	151.48	
Spectrum				13.26	12.30	12.56	12.53	11.80	10.76	11.52	14.31	19.22	17.85	15.52	15.59	167.23	167.23	
Kondapalli (Naphtha)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kondapalli (Gas)				23.60	22.35	19.14	18.42	17.10	15.38	18.18	18.53	8.52	15.70	21.06	25.58	223.57	223.57	
BSES				5.62	5.15	8.14	7.27	5.94	5.66	5.46	5.83	8.49	6.83	5.11	3.58	73.08	73.08	
GVK Extension				0.00	0.16	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.23	
Vemagiri				17.48	6.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.32	24.32	
Gautami				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Konaseema				0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.71	
																0.00	0.00	
																0.00	0.00	
																0.00	0.00	
																0.00	0.00	
TOTAL IPPS				72.63	58.64	53.06	50.50	46.14	42.64	46.59	51.74	51.89	55.60	54.98	56.21	640.62	0.00	640.62
NCE																		
NCE - Bio-Mass				8.95	7.96	7.13	8.71	7.83	7.25	6.79	7.30	8.26	9.70	10.06	10.97	100.90	100.90	
NCE - Bagasse				8.29	4.28	5.10	10.52	6.14	4.18	0.00	4.50	11.08	10.22	6.07	42.17	112.57	112.57	
NCE - Municipal Waste to Energy				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Industrial Waste based power project				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Wind Power				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Mini Hydel				0.00	0.14	0.00	0.00	1.43	0.63	0.79	0.50	0.29	0.44	0.42	0.62	5.25	5.25	
NCE - NCL Energy Ltd				0.00	0.00	0.00	0.34	0.66	0.54	0.62	0.55	0.42	0.12	0.00	0.00	3.25	3.25	
NCE-Others				1.83	2.83	2.98	3.34	4.85	5.19	5.77	6.13	6.60	6.67	6.78	7.50	60.47	60.47	
TOTAL NCE				19.08	15.20	15.21	22.92	20.91	17.79	13.97	18.98	26.64	27.15	23.33	61.26	282.44	0.00	282.44
OTHERS																		
Srivathsa				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
LVS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vishakapatnam Steel Plant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NB Ferro Alloys				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sponge Iron *				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Heavy Water Plant *				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kesoram *				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Essar Steels *				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
																0.00	0.00	
																0.00	0.00	
																0.00	0.00	
TOTAL OTHERS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARKET																		
PTC				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NTPC (SR) Stage III					19.75	17.95	16.78	15.49	7.51	15.28	20.39	18.03	21.49	18.15	17.98	15.94	204.74		204.74
Total NTPC(SR)					93.52	77.32	74.31	82.53	79.75	65.60	83.42	87.49	102.61	92.32	88.24	89.38	1016.48	0.00	1016.48
NTPC (ER)																			
Farakka					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Kahalgaoon					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Talcher - Stage 1					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Talcher Stage 2					42.17	43.12	30.63	32.53	37.78	39.83	44.01	40.86	44.67	42.62	39.55	44.04	481.81		481.81
Others																	0.00		0.00
Total NTPC(ER)					42.17	43.12	30.63	32.53	37.78	39.83	44.01	40.86	44.67	42.62	39.55	44.04	481.81	0.00	481.81
Total NTPC					135.68	120.44	104.94	115.06	117.53	105.43	127.42	128.35	147.28	134.94	127.79	133.42	1498.29	0.00	1498.29
NLC TS-II																			
Stage-I					12.20	11.79	11.14	12.76	12.04	10.38	5.70	8.56	9.26	11.75	11.15	11.92	128.66		128.66
Stage-II					21.01	20.15	18.34	17.28	17.24	16.02	18.43	16.04	18.00	21.74	19.56	21.26	225.08		225.08
Total NLC					33.21	31.94	29.48	30.04	29.28	26.40	24.13	24.60	27.26	33.49	30.71	33.19	353.74	0.00	353.74
NPC																			
NPC-MAPS					3.25	2.91	3.15	3.41	3.41	3.22	1.82	2.33	0.80	2.96	3.43	3.97	34.66		34.66
NPC-Kaiga unit I					11.43	11.90	10.98	11.74	11.87	11.36	11.71	6.36	12.12	13.75	13.16	11.74	138.10		138.10
NPC-Kaiga unit II					9.34	10.85	9.92	11.19	13.74	13.93	14.51	13.96	13.52	15.90	15.08	14.37	156.32		156.32
Total NPC					24.02	25.66	24.05	26.34	29.02	28.51	28.05	22.65	26.43	32.60	31.66	30.08	329.08	0.00	329.08
NTPC - Simhadri																			
NTPC Simhadri Stage I					109.35	109.37	107.06	109.81	91.26	99.71	81.58	61.89	89.04	102.12	97.87	109.74	1168.79		1168.79
NTPC Simhadri Stage II					53.60	48.06	43.16	53.65	34.41	20.29	28.22	45.37	49.72	45.49	45.56	47.12	514.66		514.66
Total NTPC - Simhadri					162.95	157.43	150.22	163.45	125.66	120.00	109.81	107.26	138.76	147.62	143.42	156.86	1683.45	0.00	1683.45
CGS - New																			
Vallur Thermal Power Plant					12.80	13.13	9.77	14.17	10.47	6.39	8.94	9.22	7.82	11.34	10.50	13.78	128.34		128.34
NTPC NVVNL Bundled Power Coal (CP)					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
NTPC NVVNL Bundled Power Coal (NP)					5.48	5.18	4.55	4.45	4.41	4.18	4.69	-7.22	9.29	8.93	8.40	9.41	61.75		61.75
																	0.00		0.00
																	0.00		0.00
TOTAL CGS					374.16	353.79	323.01	353.52	316.37	290.91	303.04	284.87	356.83	368.92	352.49	376.74	4054.65	0.00	4054.65
APGPCL																			
APGPCL I - Allocated capacity					0.85	0.63	0.65	0.29	0.00	0.00	0.00	0.31	0.69	0.59	0.45	0.48	4.92		4.92
APGPCL I - Unutilised capacity					0.02	0.08	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24		0.24
APGPCL II - Allocated capacity					1.78	2.40	2.37	1.08	0.00	0.00	0.00	1.04	2.50	2.15	1.61	1.73	16.67		16.67
APGPCL II - Unutilised capacity					0.21	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22		0.22
Total APGPCL					2.86	3.11	3.12	1.42	0.00	0.00	0.00	1.35	3.19	2.74	2.05	2.21	22.05	0.00	22.05
IPPS																			
GVK					10.90	8.07	8.67	2.14	0.00	0.00	4.78	10.92	11.27	11.46	10.49	13.14	91.84		91.84
Spectrum					11.29	12.28	8.95	2.04	-0.11	-0.04	1.08	10.80	14.06	9.64	8.07	8.77	86.84		86.84
Kondapalli (Naphtha)					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Kondapalli (Gas)					21.75	21.27	15.19	6.78	1.04	0.03	0.01	0.00	0.00	3.77	4.71	5.20	79.74		79.74
BSES					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
GVK Extension					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Vemagiri					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Gautami					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Konaseema					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Reliance Infrastructure					0.87	3.86	4.85	1.51	0.00	0.00	3.07	6.11	4.98	1.26	0.00	0.00	26.52		26.52
																	0.00		0.00
																	0.00		0.00
																	0.00		0.00
																	0.00		0.00
TOTAL IPPS					44.81	45.49	37.66	12.47	0.92	-0.01	8.95	27.83	30.30	26.14	23.26	27.12	284.94	0.00	284.94
NCE																			
NCE - Bio-Mass					7.64	8.27	9.35	10.30	10.30	8.61	9.74	7.17	9.78	8.58	11.43	12.12	113.27		113.27
NCE - Bagasse					3.21	6.46	2.78	6.30	6.71	4.95	5.77	1.38	12.59	13.44	8.77	5.76	78.13		78.13
NCE - Municipal Waste to Energy					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
NCE - Industrial Waste based power project					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
NCE - Wind Power					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
NCE - Mini Hydel					0.19	0.00	0.00	0.00	0.00	0.00	0.90	0.42	0.49	0.34	0.24	0.14	2.73		2.73
NCE - NCL Energy Ltd					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
NCE-Others					2.09	1.97	1.76	1.59	1.39	1.52	3.07	-2.24	2.87	2.98	3.44	4.19	24.62		24.62
TOTAL NCE					13.14	16.70	13.89	18.19	18.40	15.08	19.48	6.72	25.73	25.36	23.88	22.21	218.76	0.00	218.76
OTHERS																			
Sivathsa																	0.00		0.00
LVS																	0.00		0.00
Vishakapatnam Steel Plant																	0.00		0.00
NB Ferro Alloys																	0.00		0.00
Sponge Iron																	0.00		0.00

Pochampad Slig-VI					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGE-Hydel-Interstate					3.16	1.42	1.23	2.63	3.16	3.07	3.19	3.09	2.92	2.36	2.21	2.36	30.80		30.80		
Lower Jurala-II Infirm Power					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.54		2.54			
TSGENCO Hydel Stations True Up 14-15					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00		
																			0.00		
																			0.00		
																			0.00		
TOTAL HYDRO					9.79	2.30	0.89	2.36	2.75	10.27	10.36	22.07	11.76	3.28	15.39	17.12	108.33	0.00	108.33		
TOTAL TSGENCO					404.21	449.94	334.92	429.90	421.24	396.59	431.71	418.71	389.46	380.16	438.47	543.56	5038.88	0.00	5038.88		
Central Generating Stations																					
NTPC																					
NTPC (SR)																					
NTPC (SR)					62.27	63.85	39.20	51.70	59.95	47.37	52.27	63.90	65.56	58.51	65.23	69.70	699.52		699.52		
NTPC (SR) Stage III					15.08	14.83	9.41	14.05	11.18	13.18	10.84	16.36	15.28	15.27	16.77	17.71	169.96		169.96		
Total NTPC(SR)					77.36	78.68	48.61	65.75	71.13	60.55	63.11	80.27	80.84	73.78	81.99	87.41	869.48	0.00	869.48		
NTPC (ER)																					
Farakka					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Kahalgao					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Talcher - Stage 1					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Talcher Stage 2					41.37	43.34	29.17	41.05	32.70	39.93	40.55	39.72	41.83	39.65	40.14	41.84	471.27		471.27		
Others					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Total NTPC(ER)					41.37	43.34	29.17	41.05	32.70	39.93	40.55	39.72	41.83	39.65	40.14	41.84	471.27	0.00	471.27		
Total NTPC					118.72	122.02	77.78	106.80	103.83	100.48	103.66	119.99	122.67	113.44	122.13	129.25	1340.75	0.00	1340.75		
NLC TS-II																					
Stage-I					10.65	11.19	8.79	11.78	11.47	9.10	8.32	6.49	4.87	9.02	10.34	6.13	108.14		108.14		
Stage-II					19.17	19.96	16.26	15.31	15.81	14.36	16.52	11.05	11.91	15.06	18.44	11.81	185.68		185.68		
Total NLC					29.82	31.16	25.05	27.09	27.28	23.47	24.85	17.55	16.78	24.08	28.78	17.94	293.83	0.00	293.83		
NPC																					
NPC-MAPS					3.91	4.06	4.02	4.31	4.14	3.24	3.90	2.90	2.02	2.89	3.78	3.83	42.99		42.99		
NPC-Kaiga unit I					13.40	15.03	15.23	13.59	13.35	14.24	12.30	12.05	14.47	13.90	13.71	14.08	165.34		165.34		
NPC-Kaiga unit II					16.02	17.25	15.78	15.42	8.36	15.68	14.75	15.22	15.71	15.87	14.85	15.82	180.74		180.74		
Total NPC					33.34	36.34	35.02	33.32	26.85	33.16	30.95	30.17	32.20	32.65	32.34	33.73	389.07	0.00	389.07		
NTPC - Simhadri																					
NTPC Simhadri Stage I					88.37	77.55	77.74	82.24	83.18	88.68	105.31	80.40	51.09	88.42	94.34	108.57	1025.89		1025.89		
NTPC Simhadri Stage II					33.50	28.41	24.01	28.74	20.05	17.47	48.81	51.13	41.72	25.31	41.13	39.71	399.99		399.99		
Total NTPC- Simhadri					121.87	105.96	101.76	110.98	103.22	106.15	154.12	131.53	92.82	113.73	135.47	148.28	1425.89	0.00	1425.89		
CGS - New																					
Valur Thermal Power Plant																					
NTPC ARAVALI POWER					13.68	15.04	11.24	12.36	12.57	11.24	15.69	12.06	10.74	13.46	16.75	9.75	154.56		154.56		
NLC Tamilnadu Power Ltd					33.90	32.25	21.68	33.59	33.52	33.69	54.79	62.35	59.04	55.91	46.12	38.48	505.45		505.45		
NTPC NVVNL Bundled Power Coal (NP)					0.00	0.00	3.34	4.28	6.77	9.35	12.64	16.88	16.94	17.58	22.06	11.33	121.16		121.16		
NTPC NVVNL Bundled Power Solar (NP)					1.58	1.47	1.09	1.10	1.04	1.13	1.41	0.97	1.34	1.36	1.42	1.63	15.54		15.54		
					8.53	8.68	7.14	8.29	8.41	7.28	8.35	8.05	8.68	8.36	8.33	9.24	99.35		99.35		
TOTAL CGS					361.44	352.91	284.07	337.89	322.49	325.96	406.45	399.58	361.21	380.57	413.40	399.63	4345.60	0.00	4345.60		
APGPCL																					
APGPCL I - Allocated capacity					0.51	0.36	0.51	0.44	0.38	0.36	0.33	0.24	0.24	0.25	0.27	0.31	4.19		4.19		
APGPCL I - Unutilised capacity					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
APGPCL II - Allocated capacity					1.79	1.26	1.79	1.54	1.31	1.21	1.11	0.82	0.82	0.93	0.98	1.24	14.81		14.81		
APGPCL II - Unutilised capacity					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Total APGPCL					2.30	1.62	2.30	1.98	1.69	1.57	1.44	1.06	1.06	1.18	1.25	1.55	19.00	0.00	19.00		
IPPS																					
GVK					9.28	10.87	0.00	0.00	0.00	0.00	7.65	0.00	0.00	0.00	0.00	-0.85	26.95		26.95		
Spectrum					6.80	8.72	9.93	8.73	5.33	4.16	3.24	4.77	8.37	6.48	5.15	2.32	74.01		74.01		
Kondapalli (Naphtha)					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Kondapalli (Gas)					4.17	1.67	0.82	0.49	1.82	2.25	4.09	5.98	6.62	2.11	0.00	0.16	30.19		30.19		
BSES					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
GVK Extension					0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.29	9.28	0.29	0.00	0.00	18.86		18.86		
Vemagiri					7.78	17.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.89		24.89		
Gautami					16.53	16.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.62		32.62		
Konaseema					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
																	0.00		0.00		
																	0.00		0.00		
																	0.00		0.00		
																	0.00		0.00		
TOTAL IPPS					44.56	54.45	10.75	9.23	7.16	6.40	14.98	20.04	24.27	8.88	5.15	1.64	207.51	0.00	207.51		
NCE																					
NCE - Bio-Mass					7.91	10.15	9.05	11.18	11.40	10.10	9.58	9.26	9.05	9.70	11.83	13.14	122.35		122.35		
NCE - Bagasse					0.00	0.00	0.00	0.00	0.00	0.21	6.94	7.92	10.45	9.81	10.57	5.73	51.63		51.63		
NCE - Municipal Waste to Energy					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
NCE - Industrial Waste based power project					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		

DONKARAYI					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH					-0.11	1.92	2.63	-0.11	29.53	-0.08	16.30	8.15	4.89	4.89	2.45	2.85	73.31	73.31	
NSRCPH					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NSLCPH					0.00	0.00	0.00	0.00	0.00	0.00	1.39	1.06	0.73	0.41	0.16	0.00	3.75	3.75	
POCHAMPAD PH					0.00	-0.01	0.00	0.00	1.22	2.22	0.98	0.55	0.43	0.61	0.67	0.69	7.35	7.35	
NIZAMSAGAR PH					-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.14	0.07	0.92	0.01	0.30	0.22	1.62	1.62	
PABM					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MINI HYDRO&OTHERS					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SINGUR					-0.01	-0.01	-0.01	-0.01	-0.01	0.19	0.44	0.16	0.16	0.16	0.16	1.41	1.41	1.41	
SSLM LCPH					-0.20	-0.16	-0.16	2.52	36.30	41.67	13.99	3.50	3.63	3.79	5.16	5.47	115.51	115.51	
Nagarjunasagar Tail Pond Dam Power House					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Priyadarshini Jurala Hydro Electric Project- TS Share					-0.02	-0.03	-0.04	2.55	15.92	0.01	2.45	0.82	0.24	0.00	0.00	22.00	22.00	22.00	
Lower Jurala Hydro Electric Project					0.00	0.00	0.00	3.11	13.71	14.64	8.11	2.04	1.22	0.41	0.16	41.57	41.57	41.57	
POCHAMPAD PH Stage 2					0.00	0.00	0.00	0.00	0.73	0.29	0.33	0.18	0.14	0.20	0.23	2.33	2.33	2.33	
PULICHINTAL(New Project)					0.00	0.00	0.00	0.00	0.00	0.00	1.82	0.64	1.32	1.46	1.98	1.12	8.34	8.34	
Mini hydel & others					0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.08	0.05	0.06	0.09	0.08	0.45	0.45	
Ramagiri wind mills					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
																	0.00	0.00	
																	0.00	0.00	
																	0.00	0.00	
																	0.00	0.00	
																	0.00	0.00	
TOTAL HYDRO					1.94	4.08	4.70	10.50	100.06	61.59	45.43	18.64	15.14	13.41	12.76	12.41	300.66	0.00	300.66
TOTAL TSGENCO					493.63	511.41	490.99	505.90	566.45	462.02	573.47	507.30	546.02	553.56	507.92	560.62	6279.29	0.00	6279.29
Central Generating Stations																			
NTPC																			
NTPC (SR)																			
NTPC (SR)					65.70	62.49	51.27	52.06	52.03	55.86	67.29	60.92	65.79	68.80	62.48	69.15	733.83	733.83	733.83
NTPC (SR) Stage III					16.67	14.79	15.23	15.93	14.90	14.78	0.26	16.59	17.06	17.22	15.74	17.43	176.61	176.61	176.61
Total NTPC(SR)					82.37	77.28	66.50	67.99	66.93	70.63	67.56	77.51	82.85	86.02	78.22	86.58	910.45	0.00	910.45
NTPC (ER)																			
Farakka					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2					40.28	39.51	37.29	42.25	35.20	28.58	36.21	41.66	43.06	43.06	38.87	43.06	469.02	469.02	469.02
Others					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)					40.28	39.51	37.29	42.25	35.20	28.58	36.21	41.66	43.06	43.06	38.87	43.06	469.02	0.00	469.02
Total NTPC					122.64	116.79	103.79	110.24	102.13	99.21	103.76	119.17	125.91	129.08	117.09	129.64	1379.47	0.00	1379.47
NLC TS-II																			
Stage-I					5.75	7.57	7.66	6.55	10.23	8.95	5.61	3.74	5.42	8.31	8.00	8.80	86.59	86.59	86.59
Stage-II					12.39	13.70	10.58	11.71	15.62	16.11	12.97	15.34	15.78	16.71	15.12	16.63	172.65	172.65	172.65
Total NLC					18.14	21.27	18.24	18.26	25.85	25.07	18.58	19.08	21.20	25.01	23.12	25.44	259.24	0.00	259.24
NPC																			
NPC-MAPS					2.70	3.57	3.44	3.70	3.74	2.25	3.50	2.31	2.73	3.50	3.26	3.50	38.20	38.20	38.20
NPC-Kaiga unit I					9.48	10.28	11.01	14.35	14.27	13.63	10.78	10.78	10.78	10.78	10.78	10.78	137.71	137.71	137.71
NPC-Kaiga unit II					15.24	6.56	7.30	7.57	7.64	7.35	13.48	13.48	13.48	13.48	13.48	13.48	132.60	132.60	132.60
Total NPC					27.41	20.42	21.75	25.72	25.65	23.22	27.76	26.57	26.99	27.76	27.52	27.76	308.51	0.00	308.51
NTPC - Simhadri																			
NTPC Simhadri Stage I					105.88	96.45	87.92	97.52	96.50	87.31	96.81	93.63	96.81	96.81	87.44	96.81	1139.88	1139.88	1139.88
NTPC Simhadri Stage II					39.25	36.62	35.48	35.39	37.59	33.64	44.70	37.92	30.41	44.70	40.40	44.70	460.78	460.78	460.78
Total NTPC - Simhadri					145.13	133.07	123.40	132.91	134.09	120.95	141.50	131.55	127.21	141.50	127.84	141.50	1600.66	0.00	1600.66
CGS - New																			
Vaipur Thermal Power Plant					14.73	14.06	11.28	12.70	18.54	17.60	14.44	19.34	19.99	19.99	18.06	19.99	200.74	200.74	200.74
Tuticorin					15.06	19.24	12.29	20.74	20.94	24.04	26.30	25.46	26.30	26.39	23.87	26.34	266.97	266.97	266.97
Kudgi					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.71	4.26	4.71	13.69	13.69	13.69
NVVNL Bundled Power-SOLAR					1.63	1.54	1.00	0.88	0.75	0.63	1.63	1.54	1.00	0.88	0.75	0.75	13.01	13.01	13.01
NVVNL Bundled Power-COAL					9.02	8.56	7.21	7.55	7.55	7.34	8.41	8.41	8.41	8.41	8.41	8.41	97.68	97.68	97.68
TOTAL CGS					353.75	334.94	298.96	329.01	335.51	318.06	342.38	351.12	357.02	383.75	350.92	384.56	4139.98	0.00	4139.98
APGPCL																			
APGPCL I - Allocated capacity					0.30	0.24	0.46	0.27	0.16	0.14	0.24	0.48	0.50	0.50	0.45	0.50	4.26	4.26	4.26
APGPCL I - Unutilised capacity					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity					1.18	0.96	1.81	1.05	0.59	0.48	0.87	1.73	1.79	1.77	1.62	1.79	15.63	15.63	15.63
APGPCL II - Unutilised capacity					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL					1.47	1.20	2.27	1.32	0.75	0.63	1.10	2.22	2.29	2.27	2.07	2.29	19.88	0.00	19.88
IPPS																			
GVK					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GVK Extension				0.00	0.00	0.00	0.00	0.00	11.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.63	0.00	11.63
Vemagiri				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pioneer Gas Power Limited																		0.00	0.00	0.00
																		0.00	0.00	0.00
																		0.00	0.00	0.00
																		0.00	0.00	0.00
TOTAL IPPS				0.00	0.00	0.00	0.00	0.00	11.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.63	0.00	11.63
NCE																				
NCE - Bio-Mass				7.34	8.68	8.27	9.68	6.67	7.73	7.61	9.05	7.34	8.68	7.61	9.05		97.70		97.70	
NCE - Bagasse				0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01		0.01	
NCE - Municipal Waste to Energy				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
NCE - Industrial Waste based power project				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
NCE - Wind Power				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
NCE - Mini Hydel				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
NCE - NCL Energy Ltd				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
NCE-Others				2.86	5.27	5.08	4.52	6.77	5.81	6.69	6.69	6.69	9.46	10.49	15.94		86.25		86.25	
TOTAL NCE				10.21	13.95	13.35	14.19	13.44	13.53	14.29	15.73	14.03	18.14	18.10	24.98		183.96	0.00	183.96	
OTHERS																				
Srivathsa				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
LVS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
Vishakapatnam Steel Plant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
NB Ferro Alloys				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
KSK Mahanadi (MT)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
Singareni-1				0.33	0.00	16.35	19.54	25.73	63.67	82.83	94.14	97.28	97.28	87.87	97.28		682.28		682.28	
Thermal Power Unit 1				30.65	39.47	48.39	51.21	54.83	39.75	47.36	45.83	47.36	47.36	42.78	47.36		542.34		542.34	
Thermal Power Unit 2				61.54	84.69	105.96	110.85	123.40	93.73	100.18	96.95	100.18	100.18	90.49	100.18		1168.36		1168.36	
Singareni-2				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.28	97.28	87.87	97.28		379.71		379.71	
TOTAL OTHERS				92.52	124.16	170.70	181.60	203.97	197.15	230.37	236.93	342.10	342.10	309.00	342.10		2772.70	0.00	2772.70	
MARKET																				
PTC																		0.00		0.00
RCL and Short-Term Sources(IG Wells,Kesoram)																		0.00		0.00
CPDCL																		0.00		0.00
EPDCL																		0.00		0.00
NPDCL																		0.00		0.00
SPDCL																		0.00		0.00
UI																		0.00		0.00
Other Short Term Sources				318.20	133.65	88.69	119.52	231.78	167.44	435.92	422.32	434.00	458.82	415.80	460.29		3686.42		3686.42	
NTPC - Aravali Power Co. Pvt Ltd				10.24	11.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		22.00		22.00	
D-D Sales/Bilateral Purchases																		0.00		0.00
Interstate Sale																		0.00		0.00
																		0.00		0.00
																		0.00		0.00
																		0.00		0.00
																		0.00		0.00
																		0.00		0.00
TOTAL MARKET				328.44	145.41	88.69	119.52	231.78	167.44	435.92	422.32	434.00	458.82	415.80	460.29		3708.41	0.00	3708.41	
TOTAL (From All Sources)				1280.02	1131.07	1064.97	1151.53	1351.89	1170.47	1597.55	1635.62	1695.46	1758.64	1603.80	1774.84		17116.66	0.00	17116.66	

2017-18

Generating Station	D Link	PLF (%)	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Total	Yearly Auxiliary Consumption	Net Energy Availability			
				April	May	June	July	August	September	October	November	December	January	February	March						
TSGENCO																					
Thermal																					
VTPS I				38.23	39.50	19.11	19.75	39.50	38.23	39.50	38.23	39.50	39.50	35.68	39.50		426.24		426.24		
VTPS II				36.53	37.75	36.53	37.75	26.62	36.53	28.62	36.53	37.75	37.75	34.10	37.75		426.24		426.24		
VTPS III				36.53	37.75	36.53	37.75	37.75	27.40	37.75	27.40	37.75	37.75	34.10	37.75		426.24		426.24		
VTPS IV				44.22	45.69	44.22	45.69	45.69	44.22	45.69	22.11	44.22	45.69	41.27	45.69		514.38		514.38		
RTPP I				36.43	37.65	36.43	28.54	37.65	27.33	37.65	36.43	37.65	37.65	34.01	37.65		425.07		425.07		
RTPP Stage-II				38.07	39.34	38.07	29.82	39.34	28.55	20.30	38.07	39.34	39.34	35.53	39.34		425.07		425.07		
RTPP Stage-III				18.22	18.82	18.22	18.82	9.72	18.22	18.82	18.22	18.82	18.82	17.00	18.82		212.54		212.54		
KTPS A				20.66	21.35	20.66	21.35	21.35	20.66	18.77	18.08	18.77	18.77	19.28	21.35		241.03		241.03		
KTPS B				21.58	22.30	21.58	22.30	22.30	10.79	11.51	21.58	22.30	22.30	20.15	22.30		241.03		241.03		
KTPS C				20.66	21.35	20.66	21.35	16.18	20.66	21.35	20.66	16.18	21.35	19.28	21.35		241.03		241.03		
KTPS D				42.46	43.88	31.85	43.88	43.88	42.46	43.88	42.46	43.88	43.88	39.63	43.88		506.04		506.04		
KTPS Stage VI				44.09	45.58	28.45	41.15	45.58	44.09	45.58	44.09	45.58	45.58	41.15	45.58		514.38		514.38		
RTS B				5.42	5.60	5.42	5.60	5.60	5.42	5.60	2.71	5.60	5.60	5.06	5.60		63.25		63.25		
NTS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		
Kakatiya Thermal Power Plant Stage I				44.73	46.22	44.73	16.40	46.22	44.73	46.22	44.73	46.22	44.73	46.22	41.75		514.38		514.38		
Kakatiya Thermal Power Plant Stage II				99.60	102.92	99.60	102.92	36.52	99.60	102.92	99.60	102.92	102.92	92.96	102.92		1145.40		1145.40		
Damodaram Sanjeevaiah Thermal power plant																	0.00		0.00		
																	0.00		0.00		
																	0.00		0.00		
																	0.00		0.00		

																			0.00	0.00
																			0.00	0.00
																			0.00	0.00
																			0.00	0.00
																			0.00	0.00
																			0.00	0.00
TOTAL THERMAL				547.44	565.69	500.07	493.08	475.88	508.89	524.15	510.90	556.47	563.11	510.94	565.69	6322.31	0.00	6322.31		
MACHKUND PH AP Share				1.48	1.52	1.23	1.43	1.61	1.59	1.62	1.41	1.40	1.55	1.46	1.48	17.77		17.77		
TUNGBHADRA PH AP Share				0.15	0.03	0.00	0.35	1.24	1.25	1.14	1.02	0.81	0.79	0.56	0.53	7.87		7.87		
USL				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
LSR				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
DONKARAYI				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
SSLM				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
NSPH				5.77	2.25	3.10	12.79	25.13	30.03	23.80	11.86	7.27	7.65	6.91	8.73	145.31		145.31		
NSRCPH				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
NSLCPH				0.04	0.00	0.00	0.05	0.66	1.37	1.62	1.29	0.86	0.51	0.19	0.08	6.68		6.68		
POCHAMPAD PH				0.00	0.00	0.31	0.39	0.63	0.55	0.94	0.71	0.55	0.63	0.47	0.31	5.49		5.49		
NIZAMSAGAR PH				0.05	0.00	0.00	0.02	0.19	0.57	0.33	0.00	0.26	0.31	0.31	0.47	2.53		2.53		
PABM				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
MINI HYDRO&OTHERS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
SINGUR				0.10	0.10	0.10	0.10	0.10	0.42	0.42	0.31	0.31	0.21	0.21	0.21	2.61		2.61		
SSLM LCPH				4.72	1.88	1.19	6.66	30.57	34.72	19.76	8.63	6.42	6.80	8.29	9.67	139.12		139.12		
Nagarjunesagar Tail Pond Dam Power House				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Prityadarshini Jurala Hydro Electric Project- AP Share				0.00	0.00	0.04	1.57	6.97	6.95	2.10	0.67	0.38	0.24	0.17	0.11	18.90		18.90		
Lower Jurala Hydro Electric Project				0.00	0.00	0.00	1.18	2.71	2.67	1.56	1.11	1.11	1.10	1.09	1.10	13.64		13.64		
POCHAMPAD PH Stage 2				0.00	0.00	0.10	0.13	0.21	0.18	0.31	0.24	0.18	0.21	0.16	0.10	1.83		1.83		
Pulichintala New project				0.04	0.07	4.51	4.66	4.66	4.51	7.00	2.46	5.07	3.75	5.07	2.88	44.68		44.68		
Mini hydel & others				0.00	0.00	0.21	0.42	0.63	0.67	0.71	0.69	0.63	0.70	0.71	0.50	5.86		5.86		
Ramagiri wind mills				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
																		0.00		
																		0.00		
																		0.00		
																		0.00		
																		0.00		
TOTAL HYDRO				12.37	5.65	10.81	29.85	75.32	85.09	61.31	30.41	25.26	24.46	25.60	26.17	412.28	0.00	412.28		
TOTAL TSGENCO				559.81	571.33	510.88	522.93	551.20	593.97	585.46	541.32	581.72	587.56	536.54	591.86	6734.59	0.00	6734.59		
Central Generating Stations																				
NTPC																				
NTPC (SR)																				
NTPC (SR)				62.70	64.11	55.86	53.81	53.49	59.36	64.72	63.52	65.30	65.74	59.50	66.08	734.20		734.20		
NTPC (SR) Stage III				15.26	15.60	15.08	15.41	15.58	15.08	15.67	15.43	15.95	15.95	14.41	15.96	185.38		185.38		
Total NTPC(SR)				77.96	79.71	70.94	69.22	69.07	74.45	80.39	78.95	81.25	81.69	73.92	82.04	919.59	0.00	919.59		
NTPC (ER)																				
Farakka				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Kahalgaon				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Talcher - Stage 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Talcher Stage 2				40.41	41.75	40.41	33.96	37.14	40.41	37.90	31.93	41.80	41.80	37.76	41.80	467.07		467.07		
Others				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Total NTPC(ER)				40.41	41.75	40.41	33.96	37.14	40.41	37.90	31.93	41.80	41.80	37.76	41.80	467.07	0.00	467.07		
Total NTPC				118.37	121.46	111.35	103.18	106.21	114.85	118.29	110.89	123.05	123.49	111.67	123.84	1386.66	0.00	1386.66		
NLC TS-II																				
Stage-I				8.69	9.02	8.55	5.80	7.07	5.91	8.00	7.73	5.67	8.99	8.09	8.94	92.47		92.47		
Stage-II				15.93	16.49	11.82	15.45	12.23	15.12	11.34	10.82	14.00	16.45	14.78	16.37	170.79		170.79		
Total NLC				24.62	25.51	20.37	21.25	19.29	21.03	19.34	18.55	19.67	25.44	22.87	25.31	263.26	0.00	263.26		
NPC																				
NPC-MAPS				3.35	3.47	3.23	3.38	3.48	3.27	3.48	3.24	3.45	3.48	3.18	3.50	40.54		40.54		
NPC-Kaiga unit I				11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	135.75		135.75		
NPC-Kaiga unit II				11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	135.75		135.75		
Total NPC				25.97	26.09	25.85	26.00	26.11	25.90	26.11	25.87	26.08	26.11	25.81	26.12	312.03	0.00	312.03		

NTPC - Simhadri															
NTPC Simhadri Stage I	95.51	98.63	95.51	98.63	98.63	95.51	88.40	63.81	98.63	98.63	89.11	98.63	1119.64	1119.64	
NTPC Simhadri Stage II	43.80	45.24	43.80	45.24	26.72	43.80	45.24	43.80	45.24	45.24	40.87	45.24	514.22	514.22	
Total NTPC- Simhadri	139.31	143.87	139.31	143.87	125.36	139.31	133.64	107.62	143.87	143.87	129.98	143.87	1633.86	0.00	1633.86
CGS - New															
Vallur Thermal Power Plant	19.47	20.03	19.13	17.68	14.08	19.21	17.38	18.87	19.49	19.58	17.69	19.58	222.20	222.20	
Tuticorin	26.86	27.82	26.86	27.72	27.72	26.81	27.17	19.65	20.55	27.82	25.06	27.82	311.85	311.85	
NVVNL Bundled Power -SOLAR	1.60	1.51	0.99	0.87	0.74	0.74	1.60	1.51	0.99	0.87	0.74	0.74	12.89	12.89	
NVVNL Bundled Power -COAL	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	99.07	99.07	
Kudigi	12.93	13.36	12.93	13.36	26.73	25.87	26.73	25.87	26.73	40.07	36.21	41.50	302.30	302.30	
TOTAL CGS	377.40	387.92	365.05	362.18	354.50	381.98	378.50	337.07	388.68	415.51	378.28	417.04	4544.11	0.00	4544.11
APGPCL															
APGPCL I - Allocated capacity	0.48	0.50	0.48	0.50	0.50	0.48	0.49	0.48	0.50	0.50	0.45	0.50	5.89	5.89	
APGPCL I - Unutilised capacity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL II - Allocated capacity	1.73	1.79	1.73	1.79	1.79	1.73	1.77	1.73	1.79	1.79	1.62	1.79	21.06	21.06	
APGPCL II - Unutilised capacity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total APGPCL	2.22	2.29	2.22	2.29	2.29	2.22	2.26	2.22	2.29	2.29	2.07	2.29	26.95	0.00	26.95
IPPS															
GVK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spectrum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kondapalli (Naphtha)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kondapalli (Gas)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GVK Extension	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vemagiri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Gautami	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Konaseema	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
													0.00	0.00	
													0.00	0.00	
													0.00	0.00	
													0.00	0.00	
TOTAL IPPS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE															
NCE - Bio-Mass	7.13	8.43	7.39	8.79	7.13	8.43	7.39	8.79	7.13	8.43	7.39	8.79	95.22	95.22	
NCE - Bagasse	0.52	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.52	0.00	0.00	0.00	1.57	1.57	
NCE - Municipal Waste to Energy	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	61.50	61.50	
NCE - Industrial Waste based power project	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Wind Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Mini Hydel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - NCL Energy Ltd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE-Others	55.02	83.77	124.62	124.62	124.62	124.62	124.62	124.62	124.62	124.62	124.62	124.62	1385.01	1385.01	
TOTAL NCE	67.80	97.33	137.14	138.53	137.40	138.18	137.14	138.53	137.40	138.18	137.14	138.53	1543.29	0.00	1543.29
OTHERS															
Sivathsa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
LVS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vishakapatnam Steel Plant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NB Ferro Alloys	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Corporate Power (MT)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KSK Mahanadi (MT)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Singareni Unit I	94.14	97.28	94.14	97.28	97.28	94.14	97.28	94.14	97.28	97.28	87.87	97.28	1145.40	1145.40	
Thermal Power Unit 1	45.41	46.92	45.41	46.92	46.92	45.41	46.92	45.41	46.92	46.92	42.38	46.92	552.44	552.44	
CSPGCL	156.47	161.69	156.47	161.69	161.69	156.47	161.69	156.47	161.69	161.69	151.26	161.69	1908.99	1908.99	
Thermal Power Unit 2	96.05	99.25	96.05	99.25	99.25	96.05	99.25	96.05	99.25	99.25	89.65	99.25	1168.63	1168.63	
Manuguru Thermal Power Plant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Singareni Unit II	94.14	97.28	94.14	97.28	97.28	94.14	97.28	94.14	97.28	97.28	87.87	97.28	1145.40	1145.40	
TOTAL OTHERS	486.22	502.42	486.22	502.42	502.42	486.22	502.42	486.22	502.42	502.42	459.02	502.42	5920.86	0.00	5920.86
MARKET															
PTC													0.00	0.00	
RCL and Short-Term Sources(IG Wells,Kesoram)													0.00	0.00	
CPDCL													0.00	0.00	
EPDCL													0.00	0.00	
NPDCL													0.00	0.00	
SPDCL													0.00	0.00	
IJ													0.00	0.00	
Other Short Term Sources	433.51	390.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	823.66	823.66	
NTPC - Aravali Power Co. Pvt Ltd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
													0.00	0.00	
													0.00	0.00	
Bi-lateral Purchases(PTC etc.)													0.00	0.00	
Pool Transaction (Purchases)													0.00	0.00	
Pool Transaction (Sales)													0.00	0.00	
TOTAL MARKET	433.51	390.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	823.66	0.00	823.66
TOTAL (From All Sources)	1926.95	1951.45	1501.50	1528.37	1547.82	1602.57	1605.78	1505.35	1612.62	1645.96	1513.05	1652.15	19593.47	0.00	19593.47

Form 4.2

Energy Dispatch

Base Year

Generating Station	D Link	Variable Cost (Rs. / kWh)	Energy Dispatch (MU)												Total	
			April	May	June	July	August	September	October	November	December	January	February	March		
TSGENCO																
Thermal																
VTPS I			111.78	121.85	99.63	113.96	87.37	107.19	72.46	97.42	110.23	125.69	116.13	128.43	1292.15	
VTPS II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VTPS III			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VTPS IV			53.24	51.47	43.95	49.30	49.10	47.70	39.61	47.00	44.78	50.41	48.20	46.47	571.23	
RTPP I			39.44	40.40	37.39	23.67	16.41	10.95	25.77	23.91	36.89	39.27	34.54	37.63	366.27	
RTPP Stage-II			42.60	41.69	39.55	40.00	38.81	22.01	26.84	35.97	28.69	41.08	40.39	39.79	437.41	
RTPP Stage-III			15.54	20.92	18.91	19.25	17.21	14.36	14.35	15.24	9.40	20.06	19.47	18.93	203.61	
KTPS A			56.60	57.91	48.34	39.57	35.73	46.92	50.29	51.67	56.05	54.61	47.22	58.81	603.73	
KTPS B			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS C			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS D			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS Stage VI			45.43	48.55	30.55	38.38	35.94	44.32	44.48	46.66	47.18	44.54	39.87	48.07	513.96	
RTS B			5.34	6.18	5.27	5.35	5.23	5.14	5.18	5.61	4.44	6.11	4.69	5.05	63.59	
NTS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kakatiya Thermal Power Plant Stage I			41.03	51.37	36.83	3.86	32.52	42.74	40.83	37.95	45.50	49.96	37.86	45.85	466.30	
Kakatiya Thermal Power Plant Stage II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Damodaram Sanjeevaiah Thermal power plant - I			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Damodaram Sanjeevaiah Thermal power plant - II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS Stage VI Infirm Power			52.31	46.19	45.13	34.99	0.48	36.82	45.39	49.22	50.06	53.23	48.66	51.81	514.30	
															0.00	
															0.00	
															0.00	
TOTAL THERMAL			463.31	486.53	405.55	368.31	318.81	378.15	365.21	410.65	433.21	484.97	437.02	480.84	5032.54	
MACHKUND PH AP Share			5.37	6.11	3.94	4.32	4.00	4.44	3.22	3.70	3.66	3.52	3.04	3.99	49.31	
TUNGBHADRA PH AP Share			0.41	0.62	-0.08	1.80	4.63	3.63	2.92	2.98	1.40	2.60	1.84	1.54	24.29	
USL			7.92	2.27	4.94	6.62	1.67	2.96	6.46	7.76	7.14	7.97	6.28	9.65	71.64	
LSR			18.62	18.12	13.44	15.00	16.36	12.94	16.72	17.77	17.88	18.15	14.00	19.00	198.00	
DONKARAYI			1.51	1.16	0.59	0.70	1.63	1.65	2.16	2.20	2.21	2.11	0.81	1.57	18.30	
SSLM			21.41	9.46	3.97	14.90	58.69	38.89	14.48	7.60	8.25	14.94	19.88	21.90	234.38	
NSPH			6.11	-0.08	-0.07	0.53	76.08	49.54	25.73	8.17	8.78	12.17	9.13	15.61	211.71	
NSRCPH			0.00	0.00	0.00	0.00	5.49	6.60	5.88	6.54	4.72	3.24	0.77	0.00	33.23	
NSLCPH			0.00	0.00	0.00	0.00	3.60	4.48	2.56	2.43	1.66	0.66	0.00	0.00	15.39	
POCHAMPAD PH			0.00	0.00	0.00	0.52	2.03	1.46	1.91	0.19	0.43	1.15	1.27	1.25	10.19	
NIZAMSAGAR PH			0.00	0.00	0.00	0.00	0.00	0.26	0.14	0.00	0.11	0.57	0.45	0.48	1.99	
PABM			0.00	0.00	0.00	0.04	0.33	0.21	0.21	0.00	0.00	0.00	0.08	0.13	0.76	
MINI HYDRO&OTHERS			0.02	0.00	0.01	0.06	0.21	0.20	0.23	0.06	0.19	0.18	0.17	0.18	1.49	
SINGUR			0.07	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.06	0.12	0.39	0.68	
SSLM LCPH			0.53	-0.01	0.00	0.43	83.24	61.53	31.30	3.73	2.31	2.51	7.01	17.73	210.31	
Nagarjunasagar Tail Pond Dam Power House			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Priyadarshini Jurala Hydro Electric Project- AP Share			-0.01	-0.01	-0.01	5.91	16.59	9.60	7.86	1.64	0.58	0.17	-0.01	-0.02	42.29	
Lower Jurala Hydro Electric Project			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ramagiri Wind Mills			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
POCHAMPAD PH Stage 2			0.00	0.00	0.00	0.14	0.31	0.25	0.67	0.02	0.03	0.53	0.53	0.56	3.05	
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
															0.00	
															0.00	
															0.00	
															0.00	
															0.00	

TOTAL HYDRO			61.95	37.63	26.72	50.97	274.87	198.68	122.22	64.77	59.34	70.53	65.37	93.96	1127.01
TOTAL TSGENCO			525.27	524.16	432.26	419.28	593.68	576.83	487.43	475.42	492.55	555.50	502.38	574.80	6159.56
Central Generating Stations															
NTPC															
NTPC (SR)															
NTPC (SR)			71.66	74.39	53.12	58.06	48.23	51.48	50.60	65.11	72.45	66.89	68.88	73.08	753.96
NTPC (SR) Stage III			18.46	18.37	16.00	16.74	16.12	16.42	15.94	18.14	13.74	23.09	19.53	17.74	210.30
Total NTPC(SR)			90.13	92.76	69.12	74.80	64.36	67.90	66.54	83.25	86.19	89.98	88.41	90.82	964.26
NTPC (ER)															
Farakka			3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.25
Kahalgaoon			1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44
Talcher - Stage 1			2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.09
Talcher Stage 2			28.32	26.33	32.08	34.49	34.34	34.95	31.51	40.91	41.76	43.70	39.00	45.05	432.44
Others			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)			35.10	26.33	32.08	34.49	34.34	34.95	31.51	40.91	41.76	43.70	39.00	45.05	439.23
Total NTPC			125.23	119.09	101.21	109.29	98.70	102.85	98.05	124.16	127.95	133.68	127.42	135.86	1403.48
NLC TS-II															
Stage-I			11.65	11.95	10.67	12.74	11.09	10.01	6.83	9.17	8.17	13.92	11.08	12.78	130.06
Stage-II			20.50	20.10	20.14	19.55	12.86	13.51	16.78	16.14	21.11	25.09	19.39	22.28	227.45
Total NLC			32.14	32.05	30.80	32.29	23.95	23.52	23.61	25.32	29.28	39.01	30.47	35.06	357.51
NPC															
NPC-MAPS			1.54	1.53	1.54	1.63	1.63	1.57	3.20	2.19	3.38	3.39	2.78	3.40	27.76
NPC-Kaiga unit I			12.08	13.03	13.03	14.17	14.53	13.91	13.57	10.96	8.82	11.44	10.79	11.99	148.33
NPC-Kaiga unit II			11.21	14.20	13.64	14.74	15.24	10.74	10.84	7.75	15.63	14.58	13.14	8.81	150.52
Total NPC			24.83	28.76	28.21	30.54	31.40	26.23	27.61	20.90	27.83	29.41	26.70	24.20	326.61
NTPC - Simhadri															
NTPC Simhadri Stage I			101.49	93.84	100.58	92.43	105.95	98.03	88.40	59.11	92.65	99.42	98.43	108.58	1138.92
NTPC Simhadri Stage II			44.30	40.45	44.72	36.10	23.26	32.98	30.64	44.33	49.76	58.32	51.18	50.57	506.61
Total NTPC- Simhadri			145.79	134.29	145.29	128.53	129.21	131.02	119.05	103.44	142.41	157.74	149.61	159.15	1645.54
CGS - New															
Vallur Thermal Power Plant			4.84	3.54	2.70	5.82	1.61	5.98	7.53	7.51	7.11	16.52	10.81	9.26	83.21
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CGS			332.83	317.73	308.21	306.47	284.87	289.59	275.84	281.33	334.57	376.36	345.01	363.54	3816.35
APGPCL															
APGPCL I - Allocated capacity			0.69	0.64	0.80	0.78	0.67	0.66	0.63	0.64	0.74	0.70	1.00	1.59	9.52
APGPCL I - Unutilised capacity			0.46	0.01	0.03	0.02	0.03	0.03	0.01	0.01	0.08	0.11	0.17	0.36	1.31
APGPCL II - Allocated capacity			2.41	2.30	2.43	2.73	2.37	2.29	2.22	2.22	2.77	2.55	1.30	0.00	25.58
APGPCL II - Unutilised capacity			0.60	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.02
Total APTGCL			4.16	3.36	3.26	3.52	3.07	2.97	2.86	2.87	3.59	3.36	2.47	1.94	37.44
IPPS															
GVK			11.96	11.84	13.15	12.28	11.30	10.83	11.43	13.08	15.65	15.21	13.29	11.46	151.48
Spectrum			13.26	12.30	12.56	12.53	11.80	10.76	11.52	14.31	19.22	17.85	15.52	15.59	167.23
Kondapalli (Naphtha)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)			23.60	22.35	19.14	18.42	17.10	15.38	18.18	18.53	8.52	15.70	21.06	25.58	223.57
BSES			5.62	5.15	8.14	7.27	5.94	5.66	5.46	5.83	8.49	6.83	5.11	3.58	73.08
GVK Extension			0.00	0.16	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23
Vemagiri			17.48	6.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.32
Gautami			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Konaseema			0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS			72.63	58.64	53.06	50.50	46.14	42.64	46.59	51.74	51.89	55.60	54.98	56.21	640.62
NCE															
NCE - Bio-Mass			8.95	7.96	7.13	8.71	7.83	7.25	6.79	7.30	8.26	9.70	10.06	10.97	100.90
NCE - Bagasse			8.29	4.28	5.10	10.52	6.14	4.18	0.00	4.50	11.08	10.22	6.07	42.17	112.57
NCE - Municipal Waste to Energy			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Wind Power			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel			0.00	0.14	0.00	0.00	1.43	0.63	0.79	0.50	0.29	0.44	0.42	0.62	5.25
NCE - NCL Energy Ltd			0.00	0.00	0.00	0.34	0.66	0.54	0.62	0.55	0.42	0.12	0.00	0.00	3.25
NCE-Others			1.83	2.83	2.98	3.34	4.85	5.19	5.77	6.13	6.60	6.67	6.78	7.50	60.47
TOTAL NCE			19.08	15.20	15.21	22.92	20.91	17.79	13.97	18.98	26.64	27.15	23.33	61.26	282.44
OTHERS															
Srivathsa			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sponge Iron *			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Water Plant *			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kesoram *			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Essar Steels *			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARKET															
PTC			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Short Term Sources			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PGCIL UI Energy			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NTPC Simhadri UI Energy			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Short Term Sources/Traders			74.25	2.02	-45.13	92.88	141.27	252.67	139.23	-30.81	63.53	198.94	236.32	136.88	1262.04
Medium Term Sources/Traders (Medium Term)			0.00	0.00	0.00	0.00	16.54	20.63	25.48	41.04	40.06	43.69	32.83	38.77	259.06
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET			74.25	2.02	-45.13	92.88	157.81	273.30	164.71	10.23	103.59	242.64	269.16	175.65	1521.10
TOTAL (From All Sources)			1028.21	921.12	766.88	895.57	1106.48	1203.12	991.40	840.57	1012.83	1260.60	1197.32	1233.41	12457.50

2014-15

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total	
			April	May	June	July	August	September	October	November	December	January	February	March		
TSGENCO																
Thermal																
VTPS I			115.39	111.91	108.81	104.35	80.28	81.54	93.29	115.49	121.04	119.04	116.00	119.00	1280.03	
VTPS II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

VTPS III			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV			47.51	43.23	51.64	44.69	46.08	40.31	45.71	48.98	25.72	52.68	44.51	44.95	536.01
RTPP I			34.60	27.96	24.07	22.61	26.35	30.67	36.10	34.29	33.58	34.11	33.17	37.62	375.13
RTPP Stage-II			41.54	36.41	35.29	26.43	36.16	27.11	39.32	31.49	37.12	38.68	34.62	42.33	426.49
RTPP Stage-III			20.07	16.58	17.51	16.45	6.20	13.86	19.00	16.77	16.76	17.61	17.16	21.12	199.11
KTPS A			53.01	48.73	46.87	49.36	46.59	40.49	58.12	54.25	51.08	51.29	59.10	67.50	626.39
KTPS B			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D			45.29	41.92	41.51	40.33	39.24	35.40	40.00	27.11	25.78	53.15	46.19	54.99	490.92
KTPS Stage VI			48.50	45.33	47.73	50.89	44.70	42.78	51.36	49.57	52.64	47.65	46.99	55.74	583.88
RTS B			4.98	5.31	4.94	4.78	4.79	2.01	-0.07	-0.13	0.52	-0.07	-0.06	-0.07	26.92
NTS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I			51.91	51.24	48.99	53.46	52.26	48.10	54.19	52.48	54.11	52.71	43.91	49.47	612.83
Kakatiya Thermal Power Plant Stage II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - I			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL THERMAL			462.79	428.62	427.36	413.35	382.65	362.28	437.02	430.31	418.34	466.86	431.50	496.61	5157.70
MACHKUND PH AP Share			4.67	3.23	2.57	2.44	0.46	3.13	2.34	2.38	2.06	2.36	1.96	1.28	28.89
TUNGBHADRA PH AP Share			0.27	-0.09	0.00	0.00	0.30	2.85	2.76	2.58	3.00	3.26	3.19	3.25	21.38
USL			9.09	6.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.37
LSR			20.76	20.52	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.06
DONKARAYI			2.07	2.04	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.20
SSLM			14.15	0.27	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.72
NSPH			1.50	-0.08	2.22	7.04	47.34	116.88	73.04	27.04	7.00	0.03	2.52	7.42	291.96
NSRCPH			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH			0.00	0.00	0.00	0.00	0.23	2.23	3.56	3.78	2.59	0.42	0.00	0.00	12.81
POCHAMPAD PH			0.69	0.00	0.00	0.00	0.00	0.05	0.32	0.00	0.34	0.00	0.03	0.03	1.44
NIZAMSAGAR PH			0.00	0.00	-0.01	-0.01	0.18	0.56	0.48	-0.01	-0.01	-0.01	0.07	-0.01	1.24
PABM			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
MINI HYDRO&OTHERS			0.00	0.00	0.00	0.00	0.00	0.06	0.02	0.02	0.10	0.03	0.01	0.00	0.24
SINGUR			0.41	0.06	-0.01	0.17	0.06	0.10	0.10	0.20	0.08	0.05	0.12	0.12	1.46
SSLM LCPH			11.62	-0.08	-0.18	2.74	139.56	153.86	84.80	21.34	40.57	22.54	19.27	23.09	519.12
Nagarjunasagar Tail Pond Dam Power House			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lower Jurala Hydro Electric Project			-0.02	-0.02	-0.05	0.49	24.59	33.37	0.41	0.97	-0.01	0.00	0.00	-0.06	59.65
POCHAMPAD Stig-II			0.31	0.00	0.00	0.00	0.00	0.03	0.36	0.00	0.04	0.00	0.00	0.00	0.73
PULICHINTAL(New Project)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mini HYDRO(Chettaipeta)			0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
Ramagiri Wind Mills			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pochampad Stig-VI			0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
0			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydel Adjusted Energy & Backing down			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL HYDRO			65.76	32.12	5.72	12.86	212.72	313.11	168.18	58.30	55.76	28.68	27.17	35.13	1015.51
TOTAL TSGENCO			528.56	460.74	433.08	426.22	595.37	675.39	605.20	488.61	474.10	495.54	458.67	531.74	6173.21
Central Generating Stations															
NTPC															
NTPC (SR)															
NTPC (SR)			73.77	59.37	57.53	67.04	72.24	50.32	63.02	69.46	81.12	74.17	70.27	73.44	811.74
NTPC (SR) Stage III			19.75	17.95	16.78	15.49	7.51	15.28	20.39	18.03	21.49	18.15	17.98	15.94	204.74
Total NTPC(SR)			93.52	77.32	74.31	82.53	79.75	65.60	83.42	87.49	102.61	92.32	88.24	89.38	1016.48
NTPC (ER)															
Farakka			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaoon			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Talcher Stage 2			42.17	43.12	30.63	32.53	37.78	39.83	44.01	40.86	44.67	42.62	39.55	44.04	481.81
Others															0.00
Total NTPC(ER)			42.17	43.12	30.63	32.53	37.78	39.83	44.01	40.86	44.67	42.62	39.55	44.04	481.81
Total NTPC			135.68	120.44	104.94	115.06	117.53	105.43	127.42	128.35	147.28	134.94	127.79	133.42	1498.29
NLC TS-II															
Stage-I			12.20	11.79	11.14	12.76	12.04	10.38	5.70	8.56	9.26	11.75	11.15	11.92	128.66
Stage-II			21.01	20.15	18.34	17.28	17.24	16.02	18.43	16.04	18.00	21.74	19.56	21.26	225.08
Total NLC			33.21	31.94	29.48	30.04	29.28	26.40	24.13	24.60	27.26	33.49	30.71	33.19	353.74
NPC															
NPC-MAPS			3.25	2.91	3.15	3.41	3.41	3.22	1.82	2.33	0.80	2.96	3.43	3.97	34.66
NPC-Kaiga unit I			11.43	11.90	10.98	11.74	11.87	11.36	11.71	6.36	12.12	13.75	13.16	11.74	138.10
NPC-Kaiga unit II			9.34	10.85	9.92	11.19	13.74	13.93	14.51	13.96	13.52	15.90	15.08	14.37	156.32
Total NPC			24.02	25.66	24.05	26.34	29.02	28.51	28.05	22.65	26.43	32.60	31.66	30.08	329.08
NTPC - Simhadri															
NTPC Simhadri Stage I			109.35	109.37	107.06	109.81	91.26	99.71	81.58	61.89	89.04	102.12	97.87	109.74	1168.79
NTPC Simhadri Stage II			53.60	48.06	43.16	53.65	34.41	20.29	28.22	45.37	49.72	45.49	45.56	47.12	514.66
Total NTPC- Simhadri			162.95	157.43	150.22	163.45	125.66	120.00	109.81	107.26	138.76	147.62	143.42	156.86	1683.45
CGS - New															
Vallur Thermal Power Plant			12.80	13.13	9.77	14.17	10.47	6.39	8.94	9.22	7.82	11.34	10.50	13.78	128.34
NTPC NVVNL Bundled Power Coal (CP)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NTPC NVVNL Bundled Power Coal (NP)			5.48	5.18	4.55	4.45	4.41	4.18	4.69	-7.22	9.29	8.93	8.40	9.41	61.75
	0.00														0.00
	0.00														0.00
TOTAL CGS			374.16	353.79	323.01	353.52	316.37	290.91	303.04	284.87	356.83	368.92	352.49	376.74	4054.65
APGPCL															
APGPCL I - Allocated capacity			0.85	0.63	0.65	0.29	0.00	0.00	0.00	0.31	0.69	0.59	0.45	0.48	4.92
APGPCL I - Unutilised capacity			0.02	0.08	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
APGPCL II - Allocated capacity			1.78	2.40	2.37	1.08	0.00	0.00	0.00	1.04	2.50	2.15	1.61	1.73	16.67
APGPCL II - Unutilised capacity			0.21	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
Total APGPCL			2.86	3.11	3.12	1.42	0.00	0.00	0.00	1.35	3.19	2.74	2.05	2.21	22.05
IPPS															
GVK			10.90	8.07	8.67	2.14	0.00	0.00	4.78	10.92	11.27	11.46	10.49	13.14	91.84
Spectrum			11.29	12.28	8.95	2.04	-0.11	-0.04	1.08	10.80	14.06	9.64	8.07	8.77	86.84
Kondapalli (Naphtha)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)			21.75	21.27	15.19	6.78	1.04	0.03	0.01	0.00	0.00	3.77	4.71	5.20	79.74
BSES			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reliance Infrastructure			0.87	3.86	4.85	1.51	0.00	0.00	3.07	6.11	4.98	1.26	0.00	0.00	26.52
	0.00														0.00
	0.00														0.00
	0.00														0.00
	0.00														0.00
TOTAL IPPS			44.81	45.49	37.66	12.47	0.92	-0.01	8.95	27.83	30.30	26.14	23.26	27.12	284.94
NCE															
NCE - Bio-Mass			7.64	8.27	9.35	10.30	10.30	8.61	9.74	7.17	9.78	8.58	11.43	12.12	113.27
NCE - Bagasse			3.21	6.46	2.78	6.30	6.71	4.95	5.77	1.38	12.59	13.44	8.77	5.76	78.13
NCE - Municipal Waste to Energy			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NCE - Wind Power			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel			0.19	0.00	0.00	0.00	0.00	0.00	0.90	0.42	0.49	0.34	0.24	0.14	2.73
NCE - NCL Energy Ltd			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others			2.09	1.97	1.76	1.59	1.39	1.52	3.07	-2.24	2.87	2.98	3.44	4.19	24.62
TOTAL NCE			13.14	16.70	13.89	18.19	18.40	15.08	19.48	6.72	25.73	25.35	23.88	22.21	218.75
OTHERS															
Srivathsa			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Essar steels			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KSK Mahanadi (MT)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hinduja			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RLNG			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARKET															
PTC			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APSPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI			10.48	6.89	0.00	27.83	15.47	4.99	14.22	15.18	18.71	15.29	19.97	13.29	162.33
Other Short Term Sources			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool Transaction (Purchases)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Medium Term Open Access Traders			39.13	32.82	7.79	45.71	30.73	43.52	43.81	38.33	46.66	38.78	41.68	43.31	452.27
Short Term Open Access Traders			167.90	-23.18	73.25	217.13	240.04	242.64	329.39	160.05	107.61	144.23	208.61	217.24	2084.90
Bi-lateral Purchases			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jhajjar			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool Purchase			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool Sales			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET			217.52	16.53	81.03	290.67	286.24	291.15	387.42	213.57	172.98	198.30	270.25	273.83	2699.50
TOTAL (From All Sources)			1181.05	896.36	891.80	1102.48	1217.30	1272.52	1324.08	1022.95	1063.14	1116.98	1130.60	1233.84	13453.10

2015-16

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												
			April	May	June	July	August	September	October	November	December	January	February	March	Total
TSGENCO															
Thermal															
VTPS I			114.10	115.68	93.76	105.34	111.71	96.01	110.75	113.63	124.76	123.46	113.45	114.55	1337.18
VTPS II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS III			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV			40.05	44.51	38.62	49.96	48.20	41.93	52.10	14.07	0.00	36.26	49.22	51.93	466.87
RTPP I			32.42	36.10	32.01	29.31	34.41	34.51	39.68	40.25	41.09	41.24	39.44	34.91	435.36
RTPP Stage-II			35.88	41.17	32.84	40.82	29.81	37.08	39.52	32.54	38.84	41.31	39.24	38.39	447.45
RTPP Stage-III			18.00	19.65	15.40	20.01	6.11	18.15	19.62	17.67	20.40	21.07	19.68	19.21	214.97
KTPS A			52.29	61.30	40.02	46.87	56.70	50.38	60.27	48.18	53.32	48.38	50.70	51.97	620.36
KTPS B			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D			44.67	52.18	34.88	45.24	46.93	36.19	37.69	44.56	29.76	28.91	47.72	53.95	502.70
KTPS Stage VI			19.53	32.56	10.07	33.30	32.60	29.16	30.80	39.15	31.71	26.25	26.99	32.08	344.19
RTS B			-0.23	3.91	5.12	5.90	4.57	4.37	5.65	5.41	5.94	5.59	6.22	5.27	57.72
NTS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I			37.71	40.58	31.31	50.78	47.44	38.55	25.26	41.18	31.88	4.41	30.43	28.59	408.13
Kakatiya Thermal Power Plant Stage II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Damodaram Sanjeevaiah Thermal power plant - I			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Damodaram Sanjeevaiah Thermal power plant - II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thermal Incentive 15-16			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPP II Infirm Power			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.61	95.61
TSGENCO Thermal stations True Up 15-16			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
															0.00
															0.00
TOTAL THERMAL			394.42	447.64	334.03	427.53	418.49	386.33	421.35	396.65	377.70	376.88	423.09	526.45	4930.54
MACHKUND PH TS Share			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TUNGBHADRA PH TS Share			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
USL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH			4.34	1.01	-0.05	0.03	-0.09	-0.11	-0.11	6.41	4.86	1.12	5.58	2.93	25.93
NSRCPH			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POCHAMPAD PH			0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05
NIZAMSAGAR PH			-0.01	-0.01	-0.01	0.02	-0.01	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.05
PABM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.08
SSLM LCPH			2.35	-0.03	-0.21	-0.23	-0.23	3.08	5.16	12.59	4.00	-0.15	7.64	9.32	43.29
Nagarjunasagar Tail Pond Dam Power House			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- TS Share			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lower Jurala Hydro Electric Project			-0.07	-0.08	-0.06	-0.07	-0.07	4.24	2.13	0.00	0.00	-0.03	-0.02	-0.02	5.95
POCHAMPAD Stig-II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PULICHINTAL(New Project)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pochampad Stig-VI			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGE-Hydel-Interstate			3.16	1.42	1.23	2.63	3.16	3.07	3.19	3.09	2.92	2.36	2.21	2.36	30.80
Lower Jurala-I&II Infirm Power			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.54	2.54
TSGENCO Hydel Stations True Up 14-15			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
															0.00
TOTAL HYDRO			9.79	2.30	0.89	2.36	2.75	10.27	10.36	22.07	11.76	3.28	15.39	17.12	108.33
TOTAL TSGENCO			404.21	449.94	334.92	429.90	421.24	396.59	431.71	418.71	389.46	380.16	438.47	543.56	5038.88
Central Generating Stations															
NTPC															
NTPC (SR)															
NTPC (SR)			62.27	63.85	39.20	51.70	59.95	47.37	52.27	63.90	65.56	58.51	65.23	69.70	699.52
NTPC (SR) Stage III			15.08	14.83	9.41	14.05	11.18	13.18	10.84	16.36	15.28	15.27	16.77	17.71	169.96
Total NTPC(SR)			77.36	78.68	48.61	65.75	71.13	60.55	63.11	80.27	80.84	73.78	81.99	87.41	869.48
NTPC (ER)															
Farakka			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaoon			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2			41.37	43.34	29.17	41.05	32.70	39.93	40.55	39.72	41.83	39.65	40.14	41.84	471.27
Others			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)			41.37	43.34	29.17	41.05	32.70	39.93	40.55	39.72	41.83	39.65	40.14	41.84	471.27
Total NTPC			118.72	122.02	77.78	106.80	103.83	100.48	103.66	119.99	122.67	113.44	122.13	129.25	1340.75
NLC TS-II															
Stage-I			10.65	11.19	8.79	11.78	11.47	9.10	8.32	6.49	4.87	9.02	10.34	6.13	108.14
Stage-II			19.17	19.96	16.26	15.31	15.81	14.36	16.52	11.05	11.91	15.06	18.44	11.81	185.68
Total NLC			29.82	31.16	25.05	27.09	27.28	23.47	24.85	17.55	16.78	24.08	28.78	17.94	293.83
NPC															
NPC-MAPS			3.91	4.06	4.02	4.31	4.14	3.24	3.90	2.90	2.02	2.89	3.79	3.63	42.99
NPC-Kaiga unit I			13.40	15.03	15.23	13.59	13.35	14.24	12.30	12.05	14.47	13.90	13.71	14.08	165.34

NPC-Kaiga unit II			16.02	17.25	15.78	15.42	8.36	15.68	14.75	15.22	15.71	15.87	14.85	15.82	180.74
Total NPC			33.34	36.34	35.02	33.32	25.85	33.16	30.95	30.17	32.20	32.65	32.34	33.73	389.07
NTPC - Simhadri															
NTPC Simhadri Stage I			88.37	77.55	77.74	82.24	83.18	88.68	105.31	80.40	51.09	88.42	94.34	108.57	1025.89
NTPC Simhadri Stage II			33.50	28.41	24.01	28.74	20.05	17.47	48.81	51.13	41.72	25.31	41.13	39.71	399.99
Total NTPC- Simhadri			121.87	105.96	101.75	110.98	103.22	106.15	154.12	131.53	92.82	113.73	135.47	148.28	1425.89
CGS - New															
Vallur Thermal Power Plant			13.68	15.04	11.24	12.36	12.57	11.24	15.69	12.06	10.74	13.46	16.75	9.75	154.56
NTPC ARAVALI POWER			33.90	32.25	21.66	33.69	33.52	33.69	54.79	62.39	59.04	55.91	46.12	38.48	505.45
NLC Tamilnadu Power Ltd			0.00	0.00	3.34	4.28	6.77	9.35	12.64	16.88	16.94	17.58	22.06	11.33	121.16
NTPC NVVNL Bundled Power Coal (NP)			1.58	1.47	1.09	1.10	1.04	1.13	1.41	0.97	1.34	1.36	1.42	1.63	15.54
NTPC NVVNL Bundled Power Solar (NP)			8.53	8.68	7.14	8.29	8.41	7.28	8.35	8.05	8.68	8.36	8.33	9.24	99.35
TOTAL CGS			361.44	352.91	284.07	337.89	322.49	325.96	406.45	399.58	361.21	380.57	413.40	399.63	4345.60
APGPCL															
APGPCL I - Allocated capacity			0.51	0.36	0.51	0.44	0.38	0.36	0.33	0.24	0.24	0.25	0.27	0.31	4.19
APGPCL I - Unutilised capacity			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity			1.79	1.26	1.79	1.54	1.31	1.21	1.11	0.82	0.82	0.93	0.98	1.24	14.81
APGPCL II - Unutilised capacity			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL			2.30	1.62	2.30	1.98	1.69	1.57	1.44	1.06	1.06	1.18	1.25	1.55	19.00
IPPS															
GVK			9.28	10.87	0.00	0.00	0.00	0.00	7.65	0.00	0.00	0.00	0.00	-0.85	26.95
Spectrum			6.80	8.72	9.93	8.73	5.33	4.16	3.24	4.77	8.37	6.48	5.15	2.32	74.01
Kondapalli (Naphtha)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)			4.17	1.67	0.82	0.49	1.82	2.25	4.09	5.98	6.62	2.11	0.00	0.16	30.19
BSES			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension			0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.29	9.28	0.29	0.00	0.00	18.86
Vemagiri			7.78	17.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.89
Gautami			16.53	16.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.62
Konaseema			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
															0.00
															0.00
															0.00
															0.00
TOTAL IPPS			44.56	54.45	10.75	9.23	7.16	6.40	14.98	20.04	24.27	8.88	5.15	1.64	207.51
NCE															
NCE - Bio-Mass			7.91	10.15	9.05	11.18	11.40	10.10	9.58	9.26	9.05	9.70	11.83	13.14	122.35
NCE - Bagasse			0.00	0.00	0.00	0.00	0.00	0.21	6.94	7.92	10.45	9.81	10.57	5.73	51.63
NCE - Municipal Waste to Energy			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Wind Power			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel			0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
NCE - NCL Energy Ltd			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others			1.76	2.13	1.66	1.93	1.68	1.69	1.88	1.80	1.90	2.07	2.11	2.94	23.56
TOTAL NCE			9.72	12.29	10.71	13.11	13.08	12.01	18.40	18.99	21.40	21.57	24.51	21.81	197.60
OTHERS															
Srivathsa			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corporate Power (MT)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KSK Mahanadi (MT)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hinduja			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Thermal Power			19.56	30.96	51.51	51.97	43.30	55.76	59.02	51.34	58.31	57.00	55.06	58.34	592.14
															0.00
															0.00
TOTAL OTHERS			19.56	30.96	51.51	51.97	43.30	55.76	59.02	51.34	58.31	57.00	55.06	58.34	592.14
MARKET															
PTC			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPDCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI			13.76	10.00	11.24	14.16	10.11	2.70	9.03	9.55	9.23	10.75	11.63	8.16	120.31
Other Short Term Sources			285.79	285.92	312.89	414.25	501.70	466.58	434.30	261.82	317.84	285.19	210.54	302.30	4079.14
Bi-lateral Purchases			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jhajjar			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool Purchase			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pool Sales			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET			299.55	295.93	324.13	428.41	511.81	469.28	443.33	271.37	327.07	295.94	222.17	310.46	4199.45
TOTAL (From All Sources)			1141.34	1198.09	1018.39	1272.48	1320.78	1267.58	1375.33	1181.09	1182.78	1145.31	1160.02	1336.99	14600.18

2016-17

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total	
			April	May	June	July	August	September	October	November	December	January	February	March		
TSGENCO																
Thermal																
VTPS I			36.15	39.84	29.41	32.74	37.43	34.48	36.30	35.13	36.30	36.30	32.79	36.30	423.17	
VTPS II			36.15	39.84	29.41	32.74	37.43	34.48	36.30	35.13	36.30	32.70	32.79	36.30	419.57	
VTPS III			36.15	39.84	29.41	32.74	37.43	34.48	37.86	27.48	37.86	0.00	34.20	37.86	385.31	
VTPS IV			48.54	49.86	54.20	55.22	53.30	52.94	48.03	23.24	46.48	48.03	43.38	48.03	571.24	
RTPP I			36.87	41.46	28.79	44.08	42.93	32.37	36.20	35.03	0.00	0.00	32.70	0.00	330.43	
RTPP Stage-II			36.51	40.38	42.50	34.18	43.70	30.34	36.20	35.03	36.20	36.20	32.70	36.20	440.15	
RTPP Stage-III			18.43	16.52	21.25	21.75	10.60	21.73	18.10	17.52	1.72	0.00	16.35	16.30	180.27	
KTPS A			17.02	17.22	15.64	16.90	17.42	14.42	16.14	15.08	16.49	18.94	19.65	21.75	206.66	
KTPS B			17.02	17.22	15.64	16.90	17.42	14.42	10.88	17.54	16.49	21.75	19.65	21.75	206.66	
KTPS C			17.02	17.22	15.64	16.90	17.42	14.42	21.75	21.05	16.49	16.49	19.65	21.75	215.78	
KTPS D			47.96	48.00	36.30	35.51	20.38	30.55	43.10	41.71	43.10	43.10	38.93	43.10	471.70	
KTPS Stage VI			39.36	38.99	39.31	40.35	42.76	38.62	43.81	42.39	43.81	43.81	39.57	43.81	496.59	
RTS B			5.46	6.04	5.86	5.48	4.86	5.79	2.03	5.52	5.71	0.00	5.16	5.71	57.61	
NTS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kakatiya Thermal Power Plant Stage I			34.68	39.38	33.20	39.64	34.13	41.71	43.81	42.39	43.81	43.81	39.57	43.81	479.92	
Kakatiya Thermal Power Plant Stage II			64.36	55.54	89.73	70.28	49.20	-0.32	97.55	94.40	97.55	97.55	88.11	97.55	901.50	
Damodaram Sanjeevaiah Thermal power plant - I			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Damodaram Sanjeevaiah Thermal power plant - II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
															0.00	
															0.00	
															0.00	
															0.00	
															0.00	
															0.00	
															0.00	
TOTAL THERMAL			491.69	507.33	486.30	495.39	466.39	400.44	528.04	488.66	478.29	438.67	495.16	510.21	5786.57	
MACHKUND PH TS Share			2.29	2.36	2.29	2.36	2.36	2.29	1.18	1.18	1.18	1.18	1.18	1.18	20.99	
TUNGBHADRA PH TS Share			0.00	0.00	0.00	0.00	0.30	0.34	0.23	0.23	0.23	0.23	0.23	0.23	2.04	
USL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
LSR			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

DONKARAYI			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH			-0.11	1.92	2.63	-0.11	29.53	-0.08	16.30	8.15	4.89	4.89	2.45	2.85	73.31
NSRCPH			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH			0.00	0.00	0.00	0.00	0.00	0.00	1.39	1.06	0.73	0.41	0.16	0.00	3.75
POCHAMPAD PH			0.00	-0.01	0.00	0.00	1.22	2.22	0.98	0.55	0.43	0.61	0.67	0.69	7.35
NIZAMSAGAR PH			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.14	0.07	0.92	0.01	0.30	0.22	1.62
PABM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR			-0.01	-0.01	-0.01	-0.01	-0.01	0.19	0.44	0.16	0.16	0.16	0.16	0.16	1.41
SSLM LCPH			-0.20	-0.16	-0.16	2.52	36.30	41.67	13.99	3.50	3.63	3.79	5.16	5.47	115.51
Nagarjunasagar Tail Pond Dam Power House			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- TS Share			-0.02	-0.03	-0.04	2.65	15.92	0.01	2.45	0.82	0.24	0.00	0.00	0.00	22.00
Lower Jurala Hydro Electric Project			0.00	0.00	0.00	3.11	13.71	14.64	6.11	2.04	1.22	0.41	0.16	0.16	41.57
POCHAMPAD PH Stage 2			0.00	0.00	0.00	0.00	0.73	0.29	0.33	0.18	0.14	0.20	0.22	0.23	2.33
Pulichintala New project			0.00	0.00	0.00	0.00	0.00	0.00	1.82	0.64	1.32	1.46	1.98	1.12	8.34
Mini hydel & others			0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.06	0.05	0.06	0.09	0.08	0.45
Ramagiri wind mills			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
															0.00
															0.00
															0.00
															0.00
TOTAL HYDRO			1.94	4.08	4.70	10.50	100.06	61.59	45.43	18.64	15.14	13.41	12.76	12.41	300.66
TOTAL TSGENCO			493.63	511.41	490.99	505.90	566.45	462.02	573.47	507.30	493.43	452.09	507.92	522.62	6087.23
Central Generating Stations															
NTPC															
NTPC (SR)															
NTPC (SR)			65.70	62.49	51.27	52.06	52.03	55.86	67.29	60.92	65.79	68.80	62.48	69.15	733.83
NTPC (SR) Stage III			16.67	14.79	15.23	15.93	14.90	14.78	0.26	16.59	17.06	17.22	15.74	17.43	176.61
Total NTPC(SR)			82.37	77.28	66.50	67.99	66.93	70.63	67.56	77.51	82.85	86.02	78.22	86.58	910.45
NTPC (ER)															
Farakka			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaoon			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2			40.28	39.51	37.29	42.25	35.20	28.58	36.21	41.66	43.06	43.06	38.87	43.06	469.02
Others			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)			40.28	39.51	37.29	42.25	35.20	28.58	36.21	41.66	43.06	43.06	38.87	43.06	469.02
Total NTPC			122.64	116.79	103.79	110.24	102.13	99.21	103.76	119.17	125.91	129.08	117.09	129.64	1379.47
NLC TS-II															
Stage-I			5.75	7.57	7.66	6.55	10.23	8.95	5.61	3.74	5.42	0.00	8.00	8.80	78.28
Stage-II			12.39	13.70	10.58	11.71	15.62	16.11	12.97	15.34	15.78	16.71	15.12	16.63	172.65
Total NLC			18.14	21.27	18.24	18.26	25.85	25.07	18.58	19.08	21.20	16.71	23.12	25.44	250.93
NPC															
NPC-MAPS			2.70	3.57	3.44	3.70	3.74	2.25	3.50	2.31	2.73	3.50	3.26	3.50	38.20
NPC-Kaiga unit I			9.48	10.28	11.01	14.35	14.27	13.63	10.78	10.78	10.78	10.78	10.78	10.78	137.71
NPC-Kaiga unit II			15.24	6.56	7.30	7.67	7.64	7.35	13.48	13.48	13.48	13.48	13.48	13.48	132.60
Total NPC			27.41	20.42	21.75	25.72	25.65	23.22	27.76	26.57	26.99	27.76	27.52	27.76	308.51
NTPC - Simhadri															
NTPC Simhadri Stage I			105.88	96.45	87.92	97.52	96.50	87.31	96.81	93.63	96.81	96.81	87.44	96.81	1139.88
NTPC Simhadri Stage II			39.25	36.62	35.48	35.39	37.59	33.64	44.70	37.92	30.41	44.70	40.40	44.70	460.78
Total NTPC- Simhadri			145.13	133.07	123.40	132.91	134.09	120.95	141.50	131.55	127.21	141.50	127.84	141.50	1600.66
CGS - New															
Vallur Thermal Power Plant			14.73	14.06	11.28	12.70	18.54	17.60	14.44	19.34	19.99	19.99	18.06	19.99	200.74

Tuticorin			15.06	19.24	12.29	20.74	20.94	24.04	26.30	25.46	26.30	26.39	23.87	26.34	266.97
Kudigi			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.71	4.26	4.71	13.69
NVVNL Bundled Power -SOLAR			1.63	1.54	1.00	0.88	0.75	0.63	1.63	1.54	1.00	0.88	0.75	0.75	13.01
NVVNL Bundled Power -COAL			9.02	8.56	7.21	7.55	7.55	7.34	8.41	8.41	8.41	8.41	8.41	8.41	97.68
TOTAL CGS			353.75	334.94	298.96	329.01	335.51	318.06	342.38	351.12	357.02	375.44	350.92	384.56	4131.67
APGPCL															
APGPCL I - Allocated capacity			0.30	0.24	0.46	0.27	0.16	0.14	0.24	0.48	0.50	0.50	0.45	0.50	4.26
APGPCL I - Unutilised capacity			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity			1.18	0.96	1.81	1.05	0.59	0.48	0.87	1.73	1.79	1.77	1.62	1.79	15.63
APGPCL II - Unutilised capacity			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total AGRPCL			1.47	1.20	2.27	1.32	0.75	0.63	1.10	2.22	2.29	2.27	2.07	2.29	19.88
IPPS															
GVK			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension			0.00	0.00	0.00	0.00	0.00	11.63	0.00	0.00	0.00	0.00	0.00	0.00	11.63
Vemagiri			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pioneer Gas Power Limited			0.00	0.00	0.00	0.00	0.00	0.00	48.41	48.41	0.00	0.00	7.56	0.00	104.39
															0.00
															0.00
															0.00
TOTAL IPPS			0.00	0.00	0.00	0.00	0.00	11.63	48.41	48.41	0.00	0.00	7.56	0.00	116.02
NCE															
NCE - Bio-Mass			7.34	8.68	8.27	9.68	6.67	7.73	7.61	9.05	7.34	8.68	7.61	9.05	97.70
NCE - Bagasse			0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01
NCE - Municipal Waste to Energy			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Wind Power			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - NCL Energy Ltd			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others			2.86	5.27	5.08	4.52	6.77	5.81	6.69	6.69	6.69	9.46	10.49	15.94	86.25
TOTAL NCE			10.21	13.95	13.35	14.19	13.44	13.53	14.29	15.73	14.03	18.14	18.10	24.98	183.96
OTHERS															
Srivathsa			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KSK Mahanadi (MT)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni-1			0.33	0.00	16.35	19.54	25.73	63.67	82.83	94.14	97.28	97.28	87.87	97.28	682.28
Thermal Power Unit 1			30.65	39.47	48.39	51.21	54.83	39.75	47.36	45.83	47.36	47.36	42.78	47.36	542.34
															0.00
															0.00
Thermal Power Unit 2			61.54	84.69	105.96	110.85	123.40	93.73	100.18	96.95	100.18	100.18	90.49	100.18	1168.36
Singareni-2			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.28	97.28	87.87	97.28	379.71
TOTAL OTHERS			92.52	124.16	170.70	181.60	203.97	197.15	230.37	236.93	342.10	342.10	309.00	342.10	2772.70
MARKET															
PTC															0.00
RCL and Short-Term Sources(IG Wells,Kesoram)															0.00
CPDCL															0.00

EPDCL															0.00
NPDCL															0.00
SPDCL															0.00
UI															0.00
Other Short Term Sources		318.20	133.65	88.69	119.52	231.78	167.44	151.85	32.98	0.00	0.00	0.00	0.00	0.00	1244.10
NTPC - Aravali Power Co. Pvt Ltd		10.24	11.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00
D-D Sales/Bilateral Purchases		-136.02	-198.51	-131.77	24.20	155.77	34.51	208.62	16.50	24.16	43.65	76.42	5.11		122.64
Interstate Sale															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL MARKET		192.42	-53.11	-43.08	143.72	387.55	201.95	360.46	49.48	24.16	43.65	76.42	5.11		1388.74
TOTAL (From All Sources)		1144.00	932.55	933.20	1175.73	1507.67	1204.98	1570.50	1211.19	1233.04	1233.69	1271.99	1281.66		14700.20

2017-18

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total
			April	May	June	July	August	September	October	November	December	January	February	March	
TSGENCO															
Thermal															
VTPS I			38.23	0.00	0.00	0.00	39.50	0.00	39.50	5.93	0.00	0.00	3.88	0.00	127.05
VTPS II			18.34	0.00	0.00	0.00	28.62	0.00	28.62	0.00	0.00	0.00	0.00	0.00	75.57
VTPS III			0.00	0.00	0.00	0.00	37.75	0.00	37.75	0.00	0.00	0.00	0.00	0.00	75.51
VTPS IV			44.22	0.00	0.00	0.00	45.69	35.36	45.69	22.11	12.43	0.00	41.27	45.69	292.45
RTPP I			0.00	0.00	0.00	0.00	37.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.65
RTPP Stage-II			38.07	0.00	0.00	0.00	39.34	0.00	20.30	38.07	0.00	0.00	35.53	23.68	194.98
RTPP Stage-III			0.00	0.00	0.00	0.00	9.72	0.00	16.23	0.00	0.00	0.00	0.00	0.00	25.95
KTPS A			20.66	21.35	20.66	21.35	21.35	20.66	18.77	18.08	18.77	18.77	19.28	21.35	241.03
KTPS B			21.58	22.30	21.58	22.30	22.30	10.79	11.51	21.58	22.30	22.30	20.15	22.30	241.03
KTPS C			20.66	21.35	20.66	21.35	16.18	20.66	21.35	20.66	16.18	21.35	19.28	21.35	241.03
KTPS D			42.46	43.88	31.85	43.88	43.88	42.46	43.88	42.46	43.88	43.88	39.63	43.88	506.04
KTPS Stage VI			44.09	45.56	26.45	41.15	45.56	44.09	45.56	44.09	45.56	45.56	41.15	45.56	514.38
RTS B			0.00	0.00	0.00	0.00	5.60	0.00	5.60	0.00	0.00	0.00	0.00	0.00	11.21
NTS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I			44.73	46.22	44.73	16.40	46.22	44.73	46.22	44.73	46.22	46.22	41.75	46.22	514.38
Kakatiya Thermal Power Plant Stage II			99.60	102.92	99.60	102.92	36.52	99.60	102.92	99.60	102.92	102.92	92.96	102.92	1145.40
Damodaram Sanjeevaiah Thermal power plant															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
TOTAL THERMAL			432.63	303.58	265.53	269.35	475.88	318.35	483.91	357.31	308.26	301.00	354.88	372.95	4243.63
MACHKUND PH AP Share			1.48	1.52	1.23	1.43	1.61	1.59	1.62	1.41	1.40	1.55	1.46	1.48	17.77
TUNGBHADRA PH AP Share			0.15	0.03	0.00	0.35	1.24	1.25	1.14	1.02	0.81	0.79	0.56	0.53	7.87
USL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH			5.77	2.25	3.10	12.79	25.13	30.03	23.80	11.86	7.27	7.65	6.91	8.73	145.31
NSRCPH			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH			0.04	0.00	0.00	0.05	0.66	1.37	1.62	1.29	0.86	0.51	0.19	0.08	6.68
POCHAMPAD PH			0.00	0.00	0.31	0.39	0.63	0.55	0.94	0.71	0.55	0.63	0.31	0.47	5.49
NIZAMSAGAR PH			0.05	0.00	0.00	0.02	0.19	0.57	0.33	0.00	0.26	0.31	0.31	0.47	2.53

PABM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR			0.10	0.10	0.10	0.10	0.10	0.42	0.42	0.31	0.31	0.21	0.21	2.61
SSLM LCPH			4.72	1.68	1.19	6.66	30.57	34.72	19.76	8.63	6.42	6.80	8.29	139.12
Nagarjunasagar Tail Pond Dam Power House			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share			0.00	0.00	0.04	1.67	6.97	6.55	2.10	0.67	0.38	0.24	0.17	18.90
Lower Jurala Hydro Electric Project			0.00	0.00	0.00	1.18	2.71	2.67	1.56	1.11	1.11	1.10	1.09	13.64
POCHAMPAD PH Stage 2			0.00	0.00	0.10	0.13	0.21	0.18	0.31	0.24	0.18	0.21	0.16	1.83
Pulichintala New project			0.04	0.07	4.51	4.66	4.66	4.51	7.00	2.46	5.07	3.75	5.07	44.68
Mini hydel & others			0.00	0.00	0.21	0.42	0.63	0.67	0.71	0.69	0.63	0.70	0.71	5.86
Ramagiri wind mills			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0.00
														0.00
														0.00
														0.00
TOTAL HYDRO			12.37	5.65	10.81	29.85	75.32	85.09	61.31	30.41	25.26	24.46	25.60	412.28
TOTAL TSGENCO			445.00	309.23	276.34	299.20	551.20	403.44	545.22	387.72	333.51	325.46	380.48	4655.92
Central Generating Stations														
NTPC														
NTPC (SR)														
NTPC (SR)			62.70	64.11	55.86	53.81	53.49	59.36	64.72	63.52	65.30	65.74	59.50	734.20
NTPC (SR) Stage III			15.26	15.60	15.08	15.41	15.58	15.08	15.67	15.43	15.95	15.95	14.41	185.38
Total NTPC(SR)			77.96	79.71	70.94	69.22	69.07	74.45	80.39	78.95	81.25	81.69	73.92	919.59
NTPC (ER)														
Farakka			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaoon			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2			40.41	41.75	40.41	33.96	37.14	40.41	37.90	31.93	41.80	41.80	37.76	467.07
Others			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)			40.41	41.75	40.41	33.96	37.14	40.41	37.90	31.93	41.80	41.80	37.76	467.07
Total NTPC			118.37	121.46	111.35	103.18	106.21	114.85	118.29	110.89	123.05	123.49	111.67	1386.66
NLC TS-II														
Stage-I			0.00	0.00	0.00	0.00	7.07	0.00	8.00	0.00	0.00	0.00	0.00	15.07
Stage-II			0.00	0.00	0.00	0.00	5.52	0.00	0.00	0.00	0.00	0.00	0.00	5.52
Total NLC			0.00	0.00	0.00	0.00	12.59	0.00	8.00	0.00	0.00	0.00	0.00	20.59
NPC														
NPC-MAPS			3.35	3.47	3.23	3.38	3.48	3.27	3.48	3.24	3.45	3.48	3.18	40.54
NPC-Kaiga unit I			11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	135.75
NPC-Kaiga unit II			11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31	135.75
Total NPC			25.97	26.09	25.85	26.00	26.11	25.90	26.11	25.87	26.08	26.11	25.81	312.03
NTPC - Simhadri														
NTPC Simhadri Stage I			95.51	98.63	37.80	98.63	98.63	95.51	88.40	63.81	98.63	98.63	89.11	1061.94
NTPC Simhadri Stage II			43.80	13.76	0.00	18.70	26.72	43.80	45.24	43.80	45.24	16.07	40.87	383.24
Total NTPC- Simhadri			139.31	112.39	37.80	117.34	125.36	139.31	133.64	107.62	143.87	114.70	129.98	1445.17
CGS - New														
Vallur Thermal Power Plant			19.47	20.03	19.13	17.68	14.08	19.21	17.38	18.87	19.49	19.58	17.69	222.20
Tuticorin			26.86	27.82	26.86	27.72	27.72	26.81	27.17	19.65	20.55	27.82	25.06	311.85
NVVNL Bundled Power -SOLAR			1.60	1.51	0.99	0.87	0.74	0.74	1.60	1.51	0.99	0.87	0.74	12.89
NVVNL Bundled Power -COAL			8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	8.26	99.07
Kudigi			12.93	13.36	12.93	13.36	26.73	25.87	26.73	25.87	26.73	40.07	36.21	302.30
TOTAL CGS			352.78	330.93	243.17	314.40	347.80	360.95	367.16	318.52	369.01	360.90	355.42	4112.76
APGPCL														
APGPCL I - Allocated capacity			0.48	0.50	0.48	0.50	0.50	0.48	0.49	0.48	0.50	0.50	0.45	5.89
APGPCL I - Unutilised capacity			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity			1.73	1.79	1.73	1.79	1.79	1.73	1.77	1.73	1.79	1.79	1.79	21.06
APGPCL II - Unutilised capacity			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total APGPCL				2.22	2.29	2.22	2.29	2.29	2.22	2.26	2.22	2.29	2.29	2.07	2.29	26.95
IPPS																
GVK				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
																0.00
																0.00
																0.00
TOTAL IPPS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE																
NCE - Bio-Mass				7.13	8.43	7.39	8.79	7.13	8.43	7.39	8.79	7.13	8.43	7.39	8.79	95.22
NCE - Bagasse				0.52	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.52	0.00	0.00	0.00	1.57
NCE - Municipal Waste to Energy				5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	61.50
NCE - Industrial Waste based power project				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Wind Power				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - NCL Energy Ltd				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others				55.02	83.77	124.62	124.62	124.62	124.62	124.62	124.62	124.62	124.62	124.62	124.62	1385.01
TOTAL NCE				67.80	97.33	137.14	138.53	137.40	138.18	137.14	138.53	137.40	138.18	137.14	138.53	1543.29
OTHERS																
Srivathsa				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corporate Power (MT)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni Unit I				94.14	97.28	94.14	97.28	97.28	94.14	97.28	94.14	97.28	97.28	87.87	97.28	1145.40
Thermal Power Unit 1				45.41	46.92	45.41	46.92	46.92	45.41	46.92	45.41	46.92	46.92	42.38	46.92	552.44
CSPGCL				156.47	161.69	156.47	161.69	161.69	156.47	161.69	156.47	161.69	161.69	151.26	161.69	1908.99
Thermal Power Unit 2				96.05	99.25	96.05	99.25	99.25	96.05	99.25	96.05	99.25	99.25	89.65	99.25	1168.63
Manuguru Thermal Power Plant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni Unit II				94.14	97.28	94.14	97.28	97.28	94.14	97.28	94.14	97.28	97.28	87.87	97.28	1145.40
TOTAL OTHERS				486.22	502.42	486.22	502.42	502.42	486.22	502.42	486.22	502.42	502.42	459.02	502.42	5920.86
MARKET																
PTC																0.00
RCL and Short-Term Sources(IG Wells,Kesoram)																0.00
CPDCL																0.00
EPDCL																0.00
NPDCL																0.00
SPDCL																0.00
UI																0.00
Other Short Term Sources				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NTPC - Aravali Power Co. Pvt Ltd				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D-D Sales/Bilateral Purchases				-149.38	-224.57	-152.45	-19.06	188.12	116.31	303.54	-7.88	-3.92	10.88	44.44	-42.70	63.33
																0.00
Bi-lateral Purchases(PTC etc.)																0.00
Pool Transaction (Purchases)																0.00
Pool Transaction (Sales)																0.00
																0.00
TOTAL MARKET				-149.38	-224.57	-152.45	-19.06	188.12	116.31	303.54	-7.88	-3.92	10.88	44.44	-42.70	63.33
TOTAL (From All Sources)				1204.63	1017.63	992.63	1237.79	1729.23	1507.31	1857.75	1325.34	1340.72	1340.12	1340.12	1340.12	16323.11

Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Base Year						Total Revenue
		Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	
		Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category		1551.82	0.00	1551.82	0.00	0.00	0.00	1551.82
Category I (A&B) - Domestic	Form-7	689.21	0.00	689.21				689.21
Category II (A,B,C & D) - Non-domestic/Commercial	Form-5a	428.16	0.00	428.16				428.16
Category III (A & B) - Industrial		227.09	0.00	227.09				227.09
Category IV (A,B & C) - Cottage Industries & Dhobighats		2.79	0.00	2.79				2.79
Category V (A,B & C) - Irrigation and Agriculture		35.87	0.00	35.87				35.87
Category VI (A & B) - Local Bodies, St. Lighting & PWS		142.42	0.00	142.42				142.42
Category VII (A & B) - General Purpose		24.67	0.00	24.67				24.67
Category VIII (A & B) - Temporary Supply		1.62	0.00	1.62				1.62
		0.00	0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
HT Category at 11 KV		469.58	0.00	469.58	0.00	0.00	0.00	469.58
HT-I Industry Segregated		331.90	0.00	331.90				331.90
HT-I (B) Ferro-Alloys		0.00	0.00	0.00				0.00
HT-II - Others		77.06	0.00	77.06				77.06
HT-III Airports, Railways and Bustations		5.43	0.00	5.43				5.43
HT-IVA Lift Irrigation & Agriculture		13.80	0.00	13.80				13.80
HT - IV (B) Composite P.W.S Schemes		4.18	0.00	4.18				4.18
HT-VI Townships and Residential Colonies		9.87	0.00	9.87				9.87
HT-VII - Green Power		0.00	0.00	0.00				0.00
HT - Temporary Supply		0.00	0.00	0.00				0.00
RESCOs		27.33	0.00	27.33				27.33
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
HT Category at 33 KV		172.30	0.00	172.30	0.00	0.00	0.00	172.30
HT-I Industry Segregated		111.10	0.00	111.10				111.10
HT-I (B) Ferro-Alloys		18.57	0.00	18.57				18.57
HT-II - Others		8.97	0.00	8.97				8.97
HT-III Airports, Railways and Bustations		0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture		9.55	0.00	9.55				9.55
HT - IV (B) Composite P.W.S Schemes		0.00	0.00	0.00				0.00
HT-VI Townships and Residential Colonies		22.13	0.00	22.13				22.13
HT-VII - Green Power		0.00	0.00	0.00				0.00
HT - Temporary Supply		0.00	0.00	0.00				0.00
RESCOs		1.98	0.00	1.98				1.98
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
HT Category at 132 KV		787.35	0.00	787.35	0.00	0.00	0.00	787.35
HT-I Industry Segregated		358.28	0.00	358.28				358.28
HT-I (B) Ferro-Alloys		0.00	0.00	0.00				0.00
HT-II - Others		9.41	0.00	9.41				9.41
HT-III Airports, Railways and Bustations		0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture		84.43	0.00	84.43				84.43
HT - IV (C) Composite P.W.S Schemes		0.00	0.00	0.00				0.00
HT-V (A) Railway Traction		278.72	0.00	278.72				278.72
HT-V (B) HMR								
HT-VI Townships and Residential Colonies		56.51	0.00	56.51				56.51
HT-VII - Green Power		0.00	0.00	0.00				0.00
HT - Temporary Supply		0.00	0.00	0.00				0.00
HT- RESCOs		0.00	0.00	0.00				0.00
		0.00	0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
			0.00	0.00				0.00
Total		2981.05	0.00	2981.05	0.00	0.00	0.00	2981.05

Revenue from Current Tariffs (Rs. Crs.)	2014-15						Total Revenue
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category	1617.95	0.00	1617.95	0.00	0.00	0.00	1617.95
Category I (A&B) - Domestic	742.89	0.00	742.89				742.89
Category II (A,B,C & D) - Non-domestic/Commercial	448.01	0.00	448.01				448.01
Category III (A & B) - Industrial	217.93	0.00	217.93				217.93
Category IV (A,B & C) - Cottage Industries & Dhobighats	2.65	0.00	2.65				2.65
Category V (A,B & C) - Irrigation and Agriculture	38.67	0.00	38.67				38.67
Category VI (A & B) - Local Bodies, St. Lighting & PWS	144.32	0.00	144.32				144.32
Category VII (A & B) - General Purpose	23.48	0.00	23.48				23.48
Category VIII (A & B) - Temporary Supply	0.00	0.00	0.00				0.00
	0.00	0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
HT Category at 11 KV	577.02	0.00	577.02	0.00	0.00	0.00	577.02
HT-I Industry Segregated	411.89	0.00	411.89				411.89
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00
HT-II - Others	77.51	0.00	77.51				77.51
HT-III Airports, Railways and Bustations	6.39	0.00	6.39				6.39
HT-IVA Lift Irrigation & Agriculture	14.67	0.00	14.67				14.67
HT - IV (B) Composite P.W.S Schemes	6.95	0.00	6.95				6.95
HT-VI Townships and Residential Colonies	9.23	0.00	9.23				9.23
HT-VII - Green Power	0.00	0.00	0.00				0.00
HT - Temporary Supply	0.00	0.00	0.00				0.00
RESCOs	50.38	0.00	50.38				50.38
	0.00	0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
HT Category at 33 KV	190.20	0.00	190.20	0.00	0.00	0.00	190.20
HT-I Industry Segregated	120.55	0.00	120.55				120.55
HT-I (B) Ferro-Alloys	21.66	0.00	21.66				21.66
HT-II - Others	10.15	0.00	10.15				10.15
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	11.03	0.00	11.03				11.03
HT - IV (B) Composite P.W.S Schemes	0.00	0.00	0.00				0.00
HT-VI Townships and Residential Colonies	22.21	0.00	22.21				22.21
HT-VII - Green Power	0.00	0.00	0.00				0.00
HT - Temporary Supply	0.00	0.00	0.00				0.00
RESCOs	4.60	0.00	4.60				4.60
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
HT Category at 132 KV	793.50	0.00	793.50	0.00	0.00	0.00	793.50
HT-I Industry Segregated	333.78	0.00	333.78				333.78
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00
HT-II - Others	10.94	0.00	10.94				10.94
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	112.48	0.00	112.48				112.48
HT - IV (C) Composite P.W.S Schemes	0.00	0.00	0.00				0.00
HT-V (A) Railway Traction	284.93	0.00	284.93				284.93
HT-V (B) HMR							
HT-VI Townships and Residential Colonies	51.37	0.00	51.37				51.37
HT-VII - Green Power	0.00	0.00	0.00				0.00
HT - Temporary Supply	0.00	0.00	0.00				0.00
HT- RESCOs	0.00	0.00	0.00				0.00
	0.00	0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
Total	3178.67	0.00	3178.67	0.00	0.00	0.00	3178.67

Revenue from Current Tariffs (Rs. Crs.)	2015-16						Total Revenue
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category	1848.67	0.00	1848.67	0.00	0.00	0.00	1848.67
Category I (A&B) - Domestic	877.46	0.00	877.46				877.46
Category II (A,B,C & D) - Non-domestic/Commercial	540.17	0.00	540.17				540.17
Category III (A & B) - Industrial	210.09	0.00	210.09				210.09
Category IV (A,B & C) - Cottage Industries & Dhobighats	2.84	0.00	2.84				2.84
Category V (A,B & C) - Irrigation and Agriculture	32.46	0.00	32.46				32.46
Category VI (A & B) - Local Bodies, St. Lighting & PWS	155.91	0.00	155.91				155.91
Category VII (A & B) - General Purpose	27.74	0.00	27.74				27.74
Category VIII (A & B) - Temporary Supply	1.99	0.00	1.99				1.99
	0.00	0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
HT Category at 11 KV	659.20	0.00	659.20	0.00	0.00	0.00	659.20
HT-I Industry Segregated	429.77	0.00	429.77				429.77
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00
HT-II - Others	104.33	0.00	104.33				104.33
HT-III Airports, Railways and Bustations	6.87	0.00	6.87				6.87
HT-IVA Lift Irrigation & Agriculture	35.62	0.00	35.62				35.62
HT - IV (B) Composite P.W.S Schemes	8.20	0.00	8.20				8.20
HT-VI Townships and Residential Colonies	11.71	0.00	11.71				11.71
HT-VII - Green Power	0.00	0.00	0.00				0.00
HT - Temporary Supply	2.44	0.00	2.44				2.44
RESCOs	60.26	0.00	60.26				60.26
	0.00	0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
HT Category at 33 KV	189.83	0.00	189.83	0.00	0.00	0.00	189.83
HT-I Industry Segregated	124.09	0.00	124.09				124.09
HT-I (B) Ferro-Alloys	13.99	0.00	13.99				13.99
HT-II - Others	12.57	0.00	12.57				12.57
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	12.35	0.00	12.35				12.35
HT - IV (B) Composite P.W.S Schemes	0.02	0.00	0.02				0.02
HT-VI Townships and Residential Colonies	26.82	0.00	26.82				26.82
HT-VII - Green Power	0.00	0.00	0.00				0.00
HT - Temporary Supply	0.00	0.00	0.00				0.00
RESCOs	0.00	0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
HT Category at 132 KV	910.51	0.00	910.51	0.00	0.00	0.00	910.51
HT-I Industry Segregated	368.80	0.00	368.80				368.80
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00
HT-II - Others	23.38	0.00	23.38				23.38
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	164.05	0.00	164.05				164.05
HT - IV (C) Composite P.W.S Schemes	0.00	0.00	0.00				0.00
HT-V (A) Railway Traction	295.74	0.00	295.74				295.74
HT-V (B) HMR							
HT-VI Townships and Residential Colonies	58.54	0.00	58.54				58.54
HT-VII - Green Power	0.00	0.00	0.00				0.00
HT - Temporary Supply	0.00	0.00	0.00				0.00
HT- RESCOs	0.00	0.00	0.00				0.00
	0.00	0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
Total	3608.21	0.00	3608.21	0.00	0.00	0.00	3608.21

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data		Full year revenue excluding external subsidy							Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)	Grid Support Charges (Rs. Crs)	Direct	Apportioned	Total Revenue (Net of incentives) (Rs.Crs)		
		Energy Charges (Rs/kWh) or (Rs/kVAh)	Demand charges (Rs/kVA/yr)	Demand charges (Rs/HP/yr)	Energy Sales (MU)	Energy sales (MVAh)	Connected Load/ Contract Demand (MVA)	Connected Load/ Contract Demand (HP)	Energy Charges (Rs Crores)	Demand /Fixed charges (Rs Crores)	Minimum Charges (Rs Crores)	Customer charges (Rs crores)	Others (Rs Crores)									Gross Tariff Revenue (Rs Crores)	
LT Total - (Existing Categories)	4882081		9720.00	2160.00	7682.48	0.00	3088.36	4075442.36	1281.00	67.77	14.59	150.47	58.60	1551.82	0.00	1551.82	0.00	0.00	0.00	0.00	0.00	51.53	1603.35
Category-Domestic (All)	3479686		0.00	0.00	2277	0	1843	2277	583.02	0.00	12.58	96.83	12.77	889.21	0.00	889.21	0.00	0.00	0.00	0.00	0.00	15.27	704.96
Cat (A) Domestic - upto 50 units/month	2103295	1.45			556.72		913.28	556.72	85.22	0.00	12.58	48.17	15.27	662.26		662.26						15.27	15.27
Cat (B) Domestic - >50 upto 100 units/month	798176	0.00	0.00	0.00	477.24	0.00	477.24	0.00	137.00	0.00	0.00	25.19	0.00	162.20		162.20					0.00	0.00	0.00
0 - 50 units	0	1.45			525.73	0.00	525.73	0.00	76.23	0.00	0.00	0.00	0.00	76.23		76.23							
51 - 100 units	798176	2.60			233.74	0.00	233.74	0.00	60.77	0.00	0.00	25.19	0.00	85.96		85.96							
Cat (c) Domestic- above 100 & upto 200 units/month	463238	0.00	0.00	0.00	654.87	0.00	390.35	0.00	187.82	0.00	0.00	18.95	0.00	206.77		206.77					0.00	0.00	0.00
0 - 50 units	0	2.60			239.68	0.00	239.68	0.00	62.32	0.00	0.00	0.00	0.00	62.32		62.32							
51 - 100 units	0	2.60			239.68	0.00	239.68	0.00	62.32	0.00	0.00	0.00	0.00	62.32		62.32							
101 - 150 units	317384	3.60			142.97	0.00	252.07	0.00	51.47	0.00	0.00	12.99	0.00	64.46		64.46							
151 - 200 units	145854	3.60			32.53	0.00	138.28	0.00	11.71	0.00	0.00	5.97	0.00	17.68		17.68							
Cat-(D) Domestic, > 200 Units/Month	113389	0.00	0.00	0.00	305.64	0.00	161.87	0.00	159.48	0.00	0.00	5.51	0.00	164.99		164.99					0.00	0.00	0.00
0 - 50 units	0	2.60			48.95	0.00	48.95	0.00	12.73	0.00	0.00	0.00	0.00	12.73		12.73							
51 - 100 units	0	3.28			48.95	0.00	48.95	0.00	15.91	0.00	0.00	0.00	0.00	15.91		15.91							
101 - 150 units	0	4.88			48.95	0.00	48.95	0.00	23.89	0.00	0.00	0.00	0.00	23.89		23.89							
151 - 200 units	0	5.63			48.95	0.00	48.95	0.00	27.56	0.00	0.00	0.00	0.00	27.56		27.56							
201 - 250 units	50599	6.38			36.52	0.00	56.09	0.00	23.30	0.00	0.00	2.37	0.00	25.66		25.66							
251 - 300 units	26901	6.88			19.70	0.00	34.91	0.00	13.55	0.00	0.00	1.26	0.00	14.81		14.81							
301 - 400 units	19431	7.38			19.20	0.00	30.75	0.00	14.17	0.00	0.00	1.02	0.00	15.19		15.19							
401 - 500 units	7653	7.88			9.36	0.00	15.01	0.00	7.38	0.00	0.00	0.40	0.00	7.78		7.78							
above 500units	8955	8.38			25.95	0.00	25.11	0.00	20.98	0.00	0.00	0.46	0.00	21.46		21.46							
									0.00	0.00	0.00	0.00	0.00	0.00		0.00							
Category II - Non-domestic/Commr (A & B)	319226		4200.00	600.00	473.62	0.00	492.90	0.00	379.54	29.57	1.88	10.65	6.52	428.16	0.00	428.16	0.00	0.00	0.00	0.00	0.00	3.18	431.33
Category II - Non-domestic/Commr (A & B)	319073		3600.00	0.00	473.35	0.00	492.57	0.00	379.24	29.55	1.88	10.64	6.52	427.83		427.83						3.18	431.33
Lt - II (A) Upto 50 units/month	226270	5.40	600.00	0.00	48.15	0.00	225.28	0.00	26.00	13.52	1.88	6.58	6.52	54.49		54.49							
0-50 units	226270	5.40	600.00	0.00	48.15	0.00	225.28	0.00	26.00	13.52	1.88	6.58	6.52	54.49		54.49							
Lt - II (B) >50 Units/month	92903		3000.00	0.00	455.20	0.00	267.29	0.00	353.34	16.04	0.00	4.08	0.00	373.34		373.34							
0-50 units	0	6.63	600.00	0.00	65.04	0.00	0.00	0.00	43.79	0.00	0.00	0.00	0.00	43.79		43.79							
51- 100 units	42399	7.38	600.00	0.00	48.86	0.00	43.15	0.00	36.06	2.59	0.00	1.62	0.00	40.27		40.27							
101- 300 units	30607	8.13	600.00	0.00	79.31	0.00	55.13	0.00	64.48	3.31	0.00	1.49	0.00	69.27		69.27							
301- 500 units	6935	8.63	600.00	0.00	39.49	0.00	25.67	0.00	34.08	1.54	0.00	0.34	0.00	35.95		35.95							
above 500 units	12862	9.13	600.00	0.00	191.50	0.00	143.24	0.00	174.84	8.63	0.62	0.62	0.00	184.06		184.06							
Lt- II (C) Advertising Hoardings	1152	11.92	600.00	0.00	1152	0.00	1152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Category III Industrial	30183		3480.00	0.00	266.38	0.00	496.59	0.00	161.79	29.78	0.00	4.39	31.13	227.09	0.00	227.09	0.00	0.00	0.00	0.00	1.79	228.88	
Category III - Industrial	30183		3480.00	0.00	266.38	0.00	496.59	0.00	161.79	29.78	0.00	4.39	31.13	227.09	0.00	227.09	0.00	0.00	0.00	0.00	1.79	228.88	
Industrial Normal	29465	6.08	600.00	0.00	263.52	0.00	493.04	0.00	160.22	29.58	0.00	4.37	31.13	225.30		225.30							
Pisciculture/Prawn culture	38	4.63	240.00	0.00	0.35	0.00	0.46	0.00	0.16	0.01	0.00	0.00	0.00	0.18		0.18							
Sugarcane Crushing	0	4.63	240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00							
Poultry Farms	680	5.63	600.00	0.00	2.51	0.00	3.09	0.00	1.41	0.19	0.00	0.02	0.00	1.62		1.62							
Mushroom & Rabbit Farms	0	5.63	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00							
Floriculture in Green House	0	5.63	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00							
Seasonal Industries	0	6.78	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00							
Category IV- Cottage Industries	5753		480.00	0.00	5.85	0.00	18.44	0.00	2.19	0.44	0.00	0.15	0.00	2.79	0.00	2.79	0.00	0.00	0.00	0.00	0.04	2.83	
Cat-IV(A) - Cottage Indstr. Upto 10 HP	5753	3.75	240.00	0.00	5.85	0.00	18.44	0.00	2.19	0.44	0.00	0.15	0.00	2.79	0.00	2.79	0.00	0.00	0.00	0.00	0.04	2.83	
Cat-IV(B) - Agro Based Activity upto 10 HP	0	3.75	240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00							
Category V (A & B & C) - Agriculture (1+2)	978815		0.00	480.00	4361.35	0.00	0.00	3970958.54	1.38	0.00	0.00	33.47	1.05	35.87	0.00	35.87	0.00	0.00	0.00	0.00	20.25	65.13	
Category V(A&B) -Agriculture	978815		0.00	0.00	4361.35	0.00	0.00	3970958.54	1.38	0.00	0.00	33.47	1.05	35.87	0.00	35.87	0.00	0.00	0.00	0.00	20.25	65.13	
Lt (A) with DSM	975729		0.00	0.00	4355.58	0.00	0.00	3961074.92	0.62	0.00	0.00	33.36	1.05	35.03</									

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy							Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharge (Rs. Crores)		Grid Support Charges (Rs. Crores)	Direct	Apportioned	Total Revenue (Net of Incentives)		
		Energy Charges (Rs/kWh) or (Rs.kVAh)	Demand charges (Rs/kVA/Tr)	Demand charges (Rs/HP/Tr)	Energy sales (MU)	Energy sales (MVAh)	Connected Load/ Contract Demand (MW)	Connected Load/ Contract Demand (HP)	Energy Charges (Rs Crores)	Demand /Fixed charges (Rs Crores)	Minimum Charges (Rs Crores)	Customer Charges (Rs crores)	Others (Rs Crores)	Gross Tariff Revenue (Rs Crores)	Surcharge (Rs.Crs)			Additional Surcharge (Rs.Crs)							
LT Total - (Existing Categories)	4468667		10164.00	5592.00	8632.80	0.00	3123.26	4457992.03	1575.57	69.64	6.56	161.12	35.78	1848.67	0.00	1848.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.15	1923.82
Category - Domestic (All)	3034707		0.00	0.00	2819.02	0.00	2048.42	0.00	754.95	0.00	4.91	107.76	9.84	877.46	0.00	877.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.54	902.00
Cat (A) Domestic - upto 50 units/month	1340424	1.45			523.97		734.13	0.00	75.96	0.00	4.91	40.81	9.84	131.53											
Cat (B) Domestic - >50 and upto 100 units/month	1022218	0.00	0.00	0.00	893.24	0.00	656.07	0.00	161.71	0.00	0.00	37.35	0.00	199.06									0.00	24.54	24.54
0 - 50 units	0	1.45			613.33		656.07		893.03																
51 - 100 units	1022218	2.60			279.91		0.00		72.78			37.35		110.12											
Cat (C) Domestic - >100 and upto 200 units/month	554075	0.00	0.00	0.00	955.77	0.00	487.40	0.00	277.59	0.00	0.00	23.62	0.00	301.20									0.00	0.00	0.00
0 - 50 units	0	2.60			332.44				86.44					86.44											
51 - 100 units	0	2.60			332.44				86.44					86.44											
101 - 150 units	359644	3.60			229.75		297.08		82.71			15.33		98.04											
151 - 200 units	194431	3.60			61.13		190.32		22.01			8.29		30.29											
Category I Domestic	117390	0.00	0.00	0.00	446.94	0.00	170.81	0.00	233.58	0.00	0.00	5.99	0.00	245.57		245.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	245.57
0 - 50 units	0	2.60			70.79				18.41					18.41											
51 - 100 units	0	3.25			70.79				23.01					23.01											
101 - 150 units	0	4.90			70.79				34.69					34.69											
151 - 200 units	0	5.65			70.79				40.00					40.00											
201 - 250 units	49609	6.80			53.59		55.68		36.44			2.42		38.86											
251 - 300 units	29193	7.30			30.41		37.80		22.20			1.42		23.62											
301 - 400 units	19908	7.80			29.92		30.80		23.34			1.09		24.43											
401 - 500 units	19280	8.50			48.94		46.54		41.69			1.09		42.66											
More than 500 units									0.00					0.00											
Category II - Non-domestic/Commr (A & B & C)	292629		4380.00	0.00	572.43	0.00	500.17	0.00	491.57	31.23	1.54	11.59	4.25	540.17	0.00	540.17	0.00	0.00	0.00	0.00	0.00	0.00	4.98	545.16	
Category II - Non-domestic/Commr (A & B)	292285		3744.00	0.00	571.52	0.00	499.18	0.00	490.51	31.16	1.54	11.58	4.25	539.04	0.00	539.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LT - II (A) upto 50 units	188383		600.00	0.00	38.08	0.00	162.07	0.00	20.56	9.72	1.54	6.00	4.25	42.07											
0-50 units	188383	5.40	600.00	0.00	38.08	0.00	162.07	0.00	20.56	9.72	1.54	6.00	4.25	42.07											
LT - II (B) above 50 units	123802		3144.00	0.00	533.44	0.00	337.11	0.00	469.95	21.44	0.00	5.98	0.00	496.97											
0-50 units	0	6.60	600.00	0.00	74.33	0.00		0.00	48.98	0.00				48.98											
51- 100 units	51569	7.80	636.00	0.00	56.65	0.00	50.73	0.00	44.19	3.23		2.14		49.56											
101- 300 units	43944	8.60	636.00	0.00	97.34	0.00	66.82	0.00	83.72	4.25		2.08		90.05											
301- 500 units	9624	9.10	636.00	0.00	50.18	0.00	30.64	0.00	45.66	1.95		0.46		48.07											
Above 500 units	18865	9.70	636.00	0.00	255.05	0.00	188.92	0.00	247.40	12.02		0.90		260.31											
LT-III(C) Advertising Hoardings	344	11.70	636.00	0.00	0.90	0.00	0.99	0.00	1.06	0.06		0.01		1.13	0.00	1.13	0.00	0.00	0.00	0.00	0.00	0.00	1.13	1.13	
Category III Industrial	20994		3648.00	0.00	247.05	0.00	457.90	0.00	155.59	29.06	0.00	4.25	21.19	210.09	0.00	210.09	0.00	0.00	0.00	0.00	0.00	0.00	2.15	212.24	
Category III - Industrial	20994		3648.00	0.00	247.05	0.00	457.90	0.00	155.59	29.06	0.00	4.25	21.19	210.09	0.00	210.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Normal	18931	6.40	636.00	0.00	237.74	0.00	446.72	0.00	152.15	28.41		4.22	21.19	205.98											
Pisciculture/Prawn culture	0	7.10	636.00	0.00	-	0.00	-	0.00	0.00	0.00				0.00											
Sugarcane crushing	59	4.90	252.00	0.00	0.61	0.00	0.59	0.00	0.30	0.01		0.00		0.31											
Poultry farms	0	4.90	252.00	0.00	-	0.00	-	0.00	0.00	0.00				0.00											
Mushroom & Rabbit Farms	1204	3.60	600.00	0.00	8.70	0.00	10.58	0.00	3.13	0.63		0.03		3.80											
Floriculture in Green House	0	6.00	636.00	0.00	-	0.00	-	0.00	0.00	0.00				0.00											
Seasonal Industries	0	6.00	636.00	0.00	-	0.00	-	0.00	0.00	0.00				0.00											
Category IV - Cottage & Agrobased Industries	4667		480.00	0.00	6.32	0.00	10.54	0.00	2.37	0.25	0.00	0.17	0.05	2.84	0.00	2.84	0.00	0.00	0.00	0.00	0.00	0.00	0.05	2.89	
Cat -IV(A) - Cottage Indstr. & Dhobhi Ghats	4627	3.75	240.00	0.00	6.28	0.00	10.42	0.00	2.36	0.25		0.17	0.05	2.83											
Cat -IV(B) - Agro based Industries	40	3.75	240.00	0.00	0.04	0.00	0.11	0.00	0.01	0.00		0.00		0.02											
Category V (A & B & C) - Irrig & Agriculture	1050182		4440.00	0.00	4671.95	0.00	0.00	4355057.30	1.46	1.82	0.00	34.67	-5.49	32.46	0.00	32.46	0.00	0.00	0.00	0.00	0.00	0.00	40.67	73.13	
Category V(A&B) - Agriculture	1050182		4200.00	0.00	4671.93	0.00	0.00	4354461.13	1.45	1.80	0.00	34.67	-5.49	32.44	0.00	32.44	0.00	0.00	0.00	0.00	0.00	0.00	40.67	73.13	
Cat V(A) - Agriculture with DSM measures	1046902		1050.00	0.00	4665.78	0.00	0.00	4343381.62	0.66	0.76	0.00	34.56	-5.49	30.50											
Corporate Farmers & IT Assesses	345	2.50	-	-	0.68	0.00	-	1,036.83	0.28	0.00	-	0.01	(5.49)	-5.25											
Wet Land Farmers (Holdings >2.5 acre)	2254	0.50	-	525.00	6.77	0.00	-	11,899.28	0.94	0.61	-	0.07	-	1.03											
Dry Land Farmers (Connections > 3 nos.)	700	0.50	-	525.00	1.62	0.00	-	2,844.67	0.08	0.16	-	0.02	-	0.25											
Wet Land Farmers (Holdings <= 2.5 acre)	294453	0.00	-	-	1,547.49	0.00	-	1,408,838.39	0.00	0.00	-	9.72	-	9.72											
Dry Land Farmers (Connections <= 3 nos.)	749050	0.00	-	-	3,108.89	0.00	-	2,918,513.45	0.00	0.00	-	24.73	-	24.73											
Cat V(B) - Agriculture with Non-DSM measures	3311		0.00	3150.00	6.18	0.00	0.00	11079.50	0.79	1.04	0.00	0.11	0.00	1.94											
Corporate Farmers & IT Assesses	243	3.50	-	-	0.69	0.00	-	1,190.64	0.24	0.00	-	0.01	-	0.25											
Wet Land Farmers (Holdings >2.5 acre)	1881	1.00	-	1,050.00	3.31	0.00	-	9,385.01	0.63	0.63	-	0.03	-												

APPENDIX –F
COST OF SERVICE (CoS) FILING FORMATS

Company Name	TSNPDCL
Filing Date (dd/mm/yy)	30/11/2016
Multi Year Tariff Period	FY 2014-2019
Year of ARR filing	FY 2017-18
Data Type	CoS Inputs

Base Year	FY 2013-14
1st year	FY 2014-15
2nd Year	FY 2015-16
3rd Year	FY 2016-17
4th year	FY 2017-18
5th year	FY 2018-19

S. No.	Title	Form No.
1	New Consumer Categories	Form 1
2	ARR -Retail Supply Business	Form 2
3	Percentage Cost Allocation	Form 3
4	Cost Allocation Factors	Form 4
5	Transmission Contracts	Form 5
6	Percentage Losses	Form 6
7	Classification of Asset Base	Form 7

Form 2 Aggregate Revenue Requirement for Retail Supply Business

Revenue Requirement Item		FY 2013-14				FY 2014-15			
		Amount (Rs crores)	Cost Allocation (Rs crores)			Amount (Rs crores)	Cost Allocation (Rs crores)		
			Demand	Energy	Customer		Demand	Energy	Customer
1	Transmission Cost								
2	SLDC Cost								
3	Distribution Cost								
4	PGCIL Expenses								
5	ULDC Charges								
6	Network and SLDC Cost (1+2+3+4+5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Power Purchase / Procurement Cost								
8	Interest on Consumer Security Deposits								
9	Supply Margin in Retail Supply Business								
10	Other Costs, if any								
11	Supply Cost (7+8+9+10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	Aggregate Revenue Requirement (6+11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Revenue Requirement Item		FY 2016-17				FY 2017-18			
		Amount (Rs crores)	Cost Allocation (Rs crores)			Amount (Rs crores)	Cost Allocation (Rs crores)		
			Demand	Energy	Customer		Demand	Energy	Customer
1	Transmission Cost				472.27	472.27			
2	SLDC Cost				13.04	13.04			
3	Distribution Cost				1632.93	1357.81	69.86	205.26	
4	PGCIL Expenses				372.48	372.48			
5	ULDC Charges				3.32	3.32			
6	Network and SLDC Cost (1+2+3+4+5)	0.00	0.00	0.00	2494.05	2218.94	69.86	205.26	
7	Power Purchase / Procurement Cost				7326.43	3375.65	3950.79		
8	Interest on Consumer Security Deposits				46.52			46.52	
9	Supply Margin in Retail Supply Business				13.14			13.14	
10	Other Costs, if any				5.75	5.75			
11	Supply Cost (7+8+9+10)	0.00	0.00	0.00	7391.84	3381.39	3950.79	59.66	
12	Aggregate Revenue Requirement (6+11)	0.00	0.00	0.00	9885.89	5600.33	4020.65	264.92	

Particulars	FY 2016-17				FY 2017-18			
	Amount (Rs crores)	% allocation			Amount (Rs crores)	% allocation		
		Demand	Energy	Customer		Demand	Energy	Customer
Total Power Purchase Cost	0.00				7326.43			
Fixed Cost					3270.85	100.00		
Variable Cost					3950.79		100.00	
Incentive					0.00	100.00		
Income Tax					0.00	100.00		
Others					104.79	100.00		
Interest on Consumer Security Deposits					46.52		100.00	
Supply Margin in Retail Supply Business					13.14			100.00
Other Costs, if any					5.75	100.00		
Total Supply Cost	0.00				7391.84			

FY 2017-18

Consumer Category	Sales		Number of Consumers	Load (MVA / MW) - HP Converted to MVA Approved	Commercial Loss				FACTORS			Cost allocation (Rs Cr)	Cost to Serve (Rs/ kWh)	Remarks
	Energy MU	Capacity MW			Commercial Loss %	Non-coincident Demand %	Coincident Demand Morning %	Coincident Demand Evening %	Class Load Factor	Class Coincidence Factor - Morning	Class Coincidence Factor - Evening			
LT Category	9869.65	6965.15	4804231	0.00								7386.34		
Category I Domestic	3343.33	2201.99	3262231		29.81	0.30	0.32	0.32	0.80	0.97	0.97	2646.36	7.92	
Category II - Non-domestic/Commercial	667.03	547.87	320505		5.95	6.47	6.22	6.22	74.34	86.69	86.69	512.83	7.69	
Category III (A & B) - Industrial	248.08	486.54	21392		2.21	2.20	2.14	2.14	81.67	87.10	87.10	177.69	7.16	
Category IV - Cottage Industries & Dhobighats	6.65	11.62	5147		0.06	0.06	0.06	0.06	81.67	87.10	87.10	4.97	7.48	
Category V (A), A(I) & A(II) - Irrigation and Agriculture	5263.65	3513.67	1121172		46.93	44.79	45.53	45.53	84.75	90.16	90.16	3777.95	7.18	
Category V (B) - Agriculture (Tatkal)														
Category VI - Local Bodies, St. Lighting & PWS	292.03	139.24	51513		2.60	4.35	1.97	1.97	48.38	40.65	40.65	228.05	7.81	
Category VII (A & B) - General & Religious Purposes	48.89	64.23	22271		0.44	0.46	0.50	0.50	76.38	96.88	96.88	38.49	7.87	
Category VIII-Temporary Supply	0.00	0.00	0		0.00	0.00	0.00	0.00				0.00		
HT Category at 11 KV	1494.85	465.32	2420	0.00								989.76		
HT-I Industry Segregated	557.59	267.50	1707		4.48	4.34	4.27	4.27	83.38	87.77	87.77	419.51	7.52	
HT-II Industrial Non-Segregated	128.42	54.21	418		1.03	1.10	0.87	0.87	77.15	72.24	72.24	88.55	6.90	
HT-IV A Govt. Lift Irrigation Schemes	96.04	69.68	276		0.77	0.65	0.73	0.73	96.38	100.00	100.00	83.56	8.70	
HT-IV B Agriculture														
HT-IVC - Composite Public Water Supply Schemes														
HT-VI Townships and Residential Colonies	13.06	3.60	18		0.10	0.11	0.10	0.10	75.16	76.83	76.83	8.40	6.43	
HT-VII - Green Power														
RESCOs	699.74	70.33	1		5.62	5.20	5.14	5.14	87.44	88.60	88.60	389.74	5.57	
Temporary Supply														
HT Category at 33 KV	508.32	116.47	75	0.00								297.67		
HT-I Industry Segregated	184.21	55.90	38		0.00	0.00	0.00	0.00	92.40	88.75	88.75	112.34	6.10	
HT-I (B) Ferro-Alloys														
HT-II Industrial Non-Segregated	13.39	8.85	12		0.00	0.00	0.00	0.00	72.20	73.76	73.76	10.58	7.90	
HT-IV A Govt. Lift Irrigation Schemes	263.92	43.26	18		0.00	0.00	0.00	0.00	97.52	100.00	100.00	147.05	5.57	
HT-IV B Agriculture														
HT-IVC - Composite Public Water Supply Schemes														
HT-VI Townships and Residential Colonies	46.79	8.46	7		0.00	0.00	0.00	0.00	75.16	76.07	76.07	27.70	5.92	
HT-VII - Green Power														
RESCOs														
Temporary Supply														
HT Category at 132 KV	1992.84	536.20	50	100.00								1212.12		
HT-I Industry Segregated	694.65	152.50	19.00		0.00	0.00	0.00	0.00	87.82	100.00	100.00	402.00	5.79	
HT-II Industrial Non-Segregated	3.38	14.40	4.00		0.00	0.00	0.00	0.00	63.83	70.00	70.00	8.10	23.97	
HT-IV A Govt. Lift Irrigation Schemes	767.71	219.70	15.00		0.00	0.00	0.00	0.00	76.46	96.63	96.63	488.85	6.37	
HT-IV B Agriculture														
HT-IVC - Composite Public Water Supply Schemes														
HT-V Railway Traction	422.91	132.00	10.00		0.00	0.00	0.00	0.00	80.77	87.45	87.45	257.95	6.10	
HT-VI Townships and Residential Colonies	104.19	17.60	2.00		0.00	0.00	0.00	0.00	75.16	75.32	75.32	55.21	5.30	
HT-VII - Green Power														
RESCOs														
Temporary Supply														
Total	13865.66	8083.14	4806776	100.00								9885.89	7.13	

Form 5

Transmission Contracts

Particulars	FY 2013-14	FY 2014-15	FY 2015-16
Total Installed Generation Capacity - Discom's Share (MW)			
Transmission Contracts of Discoms with TSTransco (MW/MVA)			
Transmission Contracts of Discoms with PGCIL (MW/MVA)			
Discom's Share in CGS (MW)			
Discom's NCP (MW)			
Discom's CP (MW)			

Particulars	FY 2016-17	FY 2017-18	FY 2018-19
Total Installed Generation Capacity - Discom's Share (MW)		4249.64	
Transmission Contracts of Discoms with TSTransco (MW/MVA)		2292.48	
Transmission Contracts of Discoms with PGCIL (MW/MVA)		513.41	
Discom's Share in CGS (MW)		603.14	
Discom's NCP (MW)		1946.47	
Discom's CP (MW)		1743.87	

Remarks		
FY 2013-14	FY 2014-15	FY 2015-16

Remarks		
FY 2016-17	FY 2017-18	FY 2018-19

Asset	FY 2013-14				FY 2014-15				FY 2015-16			
	Total Assets Rs crores	% allocation			Total Assets Rs crores	% allocation			Total Assets Rs crores	% allocation		
		Demand	Energy	Customer		Demand	Energy	Customer		Demand	Energy	Customer
Assets Base for Discom												
Land & Rights												
Buildings												
Hydraulic Works												
Other Civil Works												
Plant & Machinery												
Lines, Cable, Network, etc.												
Vehicles												
Furniture and Fixtures												
Office Equipments												
Spare parts and other assets												
Borrowings for Working Capital												
Less: Contribution, Grants, Subsidies												
Total Assets With Adjustments	0.00				0.00				0.00			
Voltage wise-Distribution Assets	0.00				0.00				0.00			
LT												
11kV												
33kV												
Assets Base for Generation												
Total Assets												
Assets Base for Transmission												
Total Assets												

Asset	FY 2016-17				FY 2017-18				FY 2018-19			
	Total Assets Rs crores	% allocation			Total Assets Rs crores	% allocation			Total Assets Rs crores	% allocation		
		Demand	Energy	Customer		Demand	Energy	Customer		Demand	Energy	Customer
Assets Base for Discom												
Land & Rights				4.80	80.00		20.00					
Buildings				137.73	80.00		20.00					
Hydraulic Works				0.00	80.00		20.00					
Other Civil Works				0.00	80.00		20.00					
Plant & Machinery				3268.75	80.00		20.00					
Lines, Cable, Network, etc.				2743.74	80.00		20.00					
Vehicles				2.96	80.00		20.00					
Furniture and Fixtures				3.87	80.00		20.00					
Office Equipments				21.01	80.00		20.00					
Spare parts and other assets				457.32	80.00		20.00					
Borrowings for Working Capital					80.00		20.00					
Less: Contribution, Grants, Subsidies				1221.37	80.00		20.00					
Total Assets With Adjustments	0.00			5,418.80				0.00				
Voltage wise-Distribution Assets	0.00			5,418.80				0.00				
LT				318.93								
11kV				2318.51								
33kV				2781.37								
Assets Base for Generation												
Total Assets												
Assets Base for Transmission												
Total Assets												