

**BEFORE THE TELANGANA STATE ELECTRICITY REGULATORY
COMMISSION**

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

FILING NO._____/21

CASE NO._____/21

In the matter of:

Filing of Correction to the Filing of Additional Surcharge (AS) that is to be levied on Open Access consumers for H2 of FY2021-22 as per the directions of Hon'ble Commission in its Order dated 18.09.2020 in OP No. 23 of 2020 in accordance with the provisions of the Electricity Act, 2003 and National Tariff Policy, 2016.

In the matter of

NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

.....Applicant

This application is filed for correction of petition filed on Additional Surcharge (AS) that is to be levied on Open Access consumers for H2 of FY2021-22.

The Licensee Respectfully submits hereunder

1. The TSNPDCL has filed a petition before Hon'ble Commission on 09-07-2021 in the matter of Petition for determination of Additional Surcharge to be levied on Open Access consumers for the second half (H2) of Financial Year 2021-22 as per the directions of Hon'ble Commission in its Order dated 18.09.2020 in OP No. 23 of 2020 in accordance with the provisions of the Electricity Act, 2003 and National Tariff Policy, 2016.
2. In the above petition, due to pendency of information of 15-minute block wise data from TSSLDC in respect of Backing down stations and Sale of power in the Market, the DISCOM has determined the Additional Surcharge based on Stranded Capacity arrived on "monthly average basis".
3. Subsequently, the Licensee has received 15-minute block wise information for the period from October 2020-March 2021 of the Backing down stations and Sale of power in the Market from the TSSLDC.
4. In accordance to the methodology determined in OP No. 23 of 2020 dated 18.09.2020, the DISCOM has recomputed the Additional Surcharge (AS) for H2 (October 2020-March 2021) of FY2021-22 considering the block-wise Stranded Capacity.

5. Hence the licensee requests the Hon'ble Commission to consider the below computation methodology in the place of Para No. 7 of the original petition filed on 09-07-2021.
6. The licensees hereby submits the re-computed Additional Surcharge proposals for H2 of FY2021-22 considering the actual parameters pertaining to H2 of FY2020-21 in consonance with order in OP No.23 of 2020 as follows:

- The average stranded capacity due to OA consumers for the six months period (October 2020 to March 2021) considering 15-minute block wise data works out as 219.76 MW. The block wise information is also herewith attached in soft copy.
- The fixed charges paid to the generators for H2 of FY2020-21 is Rs. 5,462.49 Crores and the average long term available capacity is 8574.88 MW. Thus, the average fixed charge worked out to Rs. 0.64 Crores per MW.
- Accordingly, the fixed charges for stranded capacity of 219.76 MW works out as Rs. 139.99 Crores (i.e. 219.76 MW X Rs. 0.64 Crores)
- The transmission charges paid by the Licensees' for H2 FY 2020-21 are Rs.1870.41 Crores and scheduled energy for that period is 35,769.61 MUs. Thus the actual transmission cost per unit works out as Rs. 0.52 per kWh.
- The distribution wheeling charges as approved by the Commission for the FY 2020-21 is Rs. 1.01 per kWh.
- Hence, the total T & D costs works out to Rs. 1.53 per kWh.
- Based on the above mentioned values, the demand charges that are to be adjusted/(recovered) from OA consumers works out to be Rs. (57.84) Crores.
- Hence, the net stranded charges are Rs. 197.83 Crores which are considered for calculation of additional surcharge.
- The projected OA sales for H2 of FY2021-22 is considered to be same as that of OA sales recorded for H2 of FY2020-21 i.e., 844.11 MU and hence the additional surcharge per unit is computed to be Rs. **2.34 per kWh**. Accordingly, the Additional Surcharge that is determined for H2 of FY 2021-22 has been tabulated below

S. No.	Particulars	Unit	Value
{A}	Long Term Available Capacity	MW	8574.88
{B}	Capacity stranded due to open access	MW	219.76
{C}	Fixed Charges paid	Rs. Crore	5462.49

S. No.	Particulars	Unit	Value
{D} = {C}+{A}	Fixed Charge per MW	Rs. Crore/ MW	0.64
{E} = {D}×{B}	Fixed Charge for Stranded Capacity	Rs. Crore	139.99
{F}	Transmission Charge Paid	Rs. Crore	1870.41
{G}	Actual Energy Scheduled	MU	35769.61
{H} = {F}+{G}	Transmission Charges per unit	Rs. /kWh	0.52
{I}	Distribution Charges as per Tariff Order	Rs. /kWh	1.01
{J} = {H}+{I}	Total transmission and distribution charges per unit	Rs. /kWh	1.53
{K}	Energy consumed by OA consumers from the DISCOMs	MU	1590.80
{L} = {K}×{ J}	Transmission and Distribution charges paid by OA consumers	Rs. Crore	243.44
{M}	Demand Charges recovered by the DISCOMs from OA consumers	Rs. Crore	185.60
{N} = {M} - {L}	Demand Charges to be adjusted	Rs. Crore	-57.84
{O} = {E} - {N}	Net stranded charges recoverable	Rs. Crore	197.83
{P}	OA Sales	MU	844.11
{Q} = {O}+{P}	Additional Surcharge	Rs. /kWh	2.34

2. It is, therefore, prayed that the Hon'ble Commission may be please be accorded approval to the licensees' proposal of Additional Surcharge of Rs.2.34/kWh for H2 of FY2021-22 and pass such orders as the Hon'ble Commission may deem fit and proper.

[Signature]
Petitioner/
Chief General Manager
IPC & RAC TSNPDCL
WARANGAL

Place: Hanumakonda

Dated: 14-09-2021.

**BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY
REGULATORY COMMISSION**

At its Office at 5th Floor, Singareni Bhavan, Red Hills, Hyderabad - 500004

FILING NO. _____/2021

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In the matter of:

Filing of Correction to the Filing of Additional Surcharge (AS) that is to be levied on Open Access consumers for H2 of FY2021-22 as per the directions of Hon'ble Commission in its Order dated 18.09.2020 in OP No. 23 of 2020 in accordance with the provisions of the Electricity Act, 2003 and National Tariff Policy, 2016.

In the matter of:

NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED
... Applicant

AFFIDAVIT OF APPLICANT VERIFYING THE ACCOMPANYING PETITION

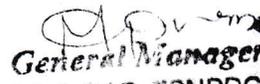
I, Thalakkokkula Madhusudhan, S/o Laxmipathi, aged 57 years, Occupation: Chief General Manager (IPC&RAC), TSNPDCL, Hanumakonda, R/o Hanumakonda do solemnly affirm and say as follows:

- 1) I am Chief General Manager (IPC&RAC)/TSNPDCL, I am competent and duly authorized by TSNPDCL to affirm, swear, execute and file this affidavit in the present proceedings.
- 2) I have read and understood the contents of the accompanying filing of petition for determination of Additional Surcharge to be levied on Open Access consumers for the second half (H2) of Financial Year 2021-22. The statements made in the paragraphs of accompanying application now shown to me are true to my knowledge derived from the official records made available to me and are based on information and advice received which I believe to be true and correct.


DEPONENT
Chief General Manager
IPC & RAC TSNPDCL
WARANGAL

VERIFICATION

The above named Deponent solemnly affirm at Hanumakonda on this 19th day of September, 2021 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
Chief General Manager
IPC & RAC TSNPDCL
WARANGAL

General Manager
IPC & RAC, TSNPDCL
Warangal.

Solemnly affirmed and signed before me.

Name of the Generating Station	Oct'20 to Mar'21
CGS	
NPC Kaiga - I& II	0
NPC-MAPS	0
NPC-Kudankulam	0
NLC ST-I	106258707.5
NLC ST-II	161278419
NNTPS	180109426.7
NTPC(ER) - Farakka	0
NTPC(ER)-Kahalgaon	0
NTPC(ER)-Talcher-I	0
NTPC(SR) I & II	1142325257
NTPC(SR) ST III	338299945.5
NTPC-Simhadri -I	2301118651
NTPC-Simhadri -II	1442526180
NTPC-Talcher-ST II	666101967.4
NTPC KUDIGI I	1690290194
NTECL - VALLURU	669406746
NTPC ARAVALI POWER	0
NLC Tamilnadu Power Ltd	875384822.3
CGS Total	9573100316
APGPCL ST-I	0
APGPCL ST-I & II	0
APGPCL Total	0
IPPs	
M/s Thermal Powertech 570MW	5560412541
Thermal Powertech 269.45 Mw	1809237142
TOTAL IPPs/MPPs	7369649683
BTPS	3480274311
KTPS V (D)	1607841419
KTPS VI	2570200001
RTS-B	265753784.8
Kakatiya Stage-I	2653500000
Kakatiya Stage-II	3788500001
KTPS Stage VII	3111100001
Interest on Pension bonds	3421699998
TSGENCO-Hydel	5905775000
TSGENCO-TOTAL	26804644514
SINGARENI CCL U1&U2	7355299998
Chatthisgargh SPDCL	3522222225
Total Fixed Cost Excl NCEs	5462.49

PGCIL	689.42
PGCIL POC	6145851016
PGCIL Non POC	146830924
POSOCO (SRLDC Fees & Charges)	10013491.9
LTOA sembcorp	591524279.60

Transco	1158.78
TSTRANSCO-TR TSNPDCL	3442471080
TSTRANSCO-TR TSSPDCL	8145341364
SLDC	22.21
TSTRANSCO-SLDC TSNPDCL	65560380
TSTRANSCO-SLDC TSSPDCL	156522138
PGCIL & T/m Cost	1870.41

Total	7332.903
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Particular (in MW)	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Average
Availible capacity	8998.97	8873.76	8265.32	8348.74	8320.03	8642.48	8574.88
Scheduled Capacity	7342.19	7236.14	7271.85	7550.43	7906.57	8309.63	7602.80
Deficit/(Surplus)	1656.77	1637.62	993.47	799.39	413.46	332.85	972.26
OA Scheduled Capacity	307.95	317.24	240.13	248.11	194.93	165.02	245.56
Stranded Capacity	296.36	317.24	236.26	209.83	157.96	100.89	219.76

Stranded Capacity arrived by considering minimum of backing down i.e., deficit and OA scheduled capacity for each 15-min block

Additional Surcharge		Unit	Filings for H2 of FY21-22
			considering Actual Data of Oct'20 to Mar'21
{A}	Long term available capacity	MW	8574.88
{B}	Capacity stranded due to open access	MW	219.76
{C}	Fixed Charges paid	Rs. crore	5462.49
{D}={C}÷{A}	Fixed Charges per MW	Rs. crore/MW	0.64
{E}={D}x{B}	Fixed Charges for stranded capacity	Rs. crore	139.99
{F}	Transmission charges paid	Rs. crore	1870.41
{G}	Actual Energy scheduled	MU	35769.61
{H}={F}÷{G}	Transmission charges per unit	Rs./kWh	0.52
I	Distribution charges as per Tariff Order	Rs./kWh	1.01
{J}={H}+{I}	Total transmission and distribution charges per unit	Rs./kWh	1.53
{K}	Energy consumed by open access consumers from the DISCOM	MU	1590.80
{L}={K}x{J}	Transmission and distribution charges to be paid by open access consumers	Rs. crore	243.44
{M}	Demand charges recovered by the DISCOM from open access consumers	Rs. crore	185.60
{N}={M}-{L}	Demand charges to be adjusted	Rs. crore	-57.84
{O}={E}-{N}	Net stranded charges recoverable	Rs. crore	197.83
{P}	Open access sales	MU	844.11
{Q}={O}÷{P}	Additional Surcharge computed	Rs./kWh	2.34