



SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

#6-1-50, Corporate Office, Mint Compound, Hyderabad 500 063

Phone No.(040) 2343 1008 Fax Nos.(040) 2343 1395/1452

website www.tgsouthernpower.org

From
Chief Engineer/IPC&RAC,
TGSPDCL, Corporate Office,
6-1-50, 1st Floor, Mint Compound,
Hyderabad – 500 063.

To
The Commission Secretary,
TGERC, Vidyut Nyantran Bhavan,
Sy.No.145-P, G.T.S. Colony,
Kalyan Nagar, Hyderabad 500 045.

Lr No. CE(IPC&RAC)/DE (IPC)/F. /D. No. 1965 /2026-27, Dt. 29.09.2026.

Sir,

Sub: - TGSPDCL – IPC – Seeking consent u/s 86(1)(b) of the Electricity Act, 2003 and u/s 21 (4) of Telangana Electricity Reforms Act, 1998 to the draft Power Purchase Agreement (PPA) entered into between TGSPDCL, TGNPDCL & M/s.SCCL for procurement of power from the 1 x 800 MW Stage-II Singareni Thermal Power Project – Requested - Reg.

TGSPDCL respectfully submits that M/s. SCCL has proposed to supply power from its 1 x 800 MW Stage-II Singareni Thermal Power Project. In this regard, TGSPDCL on behalf of TGSPDCL & TGNPDCL proposes to enter into a Power Purchase Agreement (PPA) with M/s. SCCL for procurement of power from the aforesaid project. The tariff for the said project shall be determined by the Hon'ble Commission under Section 62 of the Electricity Act, 2003, pursuant to a separate petition to be filed by M/s. SCCL.

Accordingly, TGSPDCL hereby seeks the approval of the Hon'ble Commission under Section 86(1)(b) of the Electricity Act, 2003 and Section 21(4) of the Telangana Electricity Reforms Act, 1998 for:

- (i) the draft Power Purchase Agreement (PPA) entered into between TGSPDCL, TGNPDCL & M/s. SCCL.

The draft PPA entered into with M/s. SCCL is enclosed herewith for kind perusal and approval of the Hon'ble Commission.

In this connection, the petition seeking approval of the Hon'ble TGERC, along with fee of Rs.25,000/- vide Cheque No.613392, Dt.29.09.2026 is herewith submitted for placing before the Hon'ble Commission.

Encl: 1. Petition (6 sets) a/w Cheque
2. Signed draft PPA

Yours faithfully,

(Sri. L.Pandya)

Chief Engineer/IPC&RAC

Copy to: The CE/IPC&RAC/TGNPDCL/ Warangal.
The ED/Commercial/TGPPCC/ Vidhyuth Soudha, Hyd.

**BEFORE THE HON'BLE TELANGANA ELECTRICITY REGULATORY
COMMISSION**

Vidyut Niyantran Bhavan, G.T.S. Colony, Kalyan Nagar, Hyderabad

O.P.No. 32 /2026

IN THE MATTER OF

Seeking consent u/s 86(1)(b) of the Electricity Act, 2003 and u/s 21 (4) of Telangana Electricity Reforms Act, 1998 to the draft Power Purchase Agreement (PPA) entered into between TGSPDCL, TGNPDCL & M/s. SCCL for procurement of power from the 1 x 800 MW Stage-II Singareni Thermal Power Project, at the tariff to be determined by the Hon'ble TGERC under section 62 of the Act, 2003, pursuant to a separate petition to be filed by M/s. SCCL.

IN THE MATTER OF

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

Rep. by its Chairman & Managing Director,
TGSPDCL, Corporate Office, Mint Compound, Hyderabad.

NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

Rep. by its Chairman & Managing Director,
TGNPDCL, Vidyut Bhavan, Nakkalagutta, Warangal.

... PETITIONERS

The Applicant respectfully submits as under:

1. The present Petition is being filed by the Southern Power Distribution Company of Telangana Limited (TGSPDCL) on behalf of TGSPDCL & TGNPDCL seeking consent 86(1)(b) of the Electricity Act, 2003 and u/s 21 (4) of Telangana Electricity Reforms Act, 1998 to the draft Power Purchase Agreement (PPA) entered into between the TGSPDCL, TGNPDCL & M/s. SCCL for procurement of power from its 1 x 800 MW Stage-II Singareni Thermal Power Project.
2. That the draft Power Purchase Agreement is entered with M/s. SCCL for procurement of power from its 1 x 800 MW Stage-II Singareni Thermal Power


CHIEF ENGINEER
IPC & RAC TGSPDCL
Corporate Office, 6-1-50,
Mint Compound, Hyderabad-04.

Project, at the tariff to be determined by the Hon'ble TGERC under section 62 of the Act, 2003, pursuant to a separate petition to be filed by M/s. SCCL.

3. That M/s. SCCL has requested for entering into Power Purchase Agreement (PPA) for sale of power from its 1 x 800 MW Stage-II Singareni Thermal Power Project and the TGSPDCL & TGNPDCL having considered the request of M/s. SCCL, proposes to enter into a PPA with M/s. SCCL for procurement of power from its 1 x 800 MW Stage-II Singareni Thermal Power Project, subject to the consent of the Hon'ble TGERC.

4. That M/s. SCCL has agreed to comply with the provisions of Regulations/ Guidelines/Orders/Proceedings of the CEA/CERC/ TGERC, notified and as amended from time to time.

5. That the draft PPA is enforceable from the date of execution on *Rs.100 Non-Judicial Stamp Paper* subject to obtaining consent of the Hon'ble TGERC as per section 21 of Telangana Electricity Reform Act 1998 (Act No.30 of 1998), u/s 86(1)(b) of the Electricity Act, 2003.

6. That the draft PPA is entered into between TGSPDCL, TGNPDCL & M/s. SCCL is appended is agreed by both the parties.

7. In view of the above, this Hon'ble Commission may be pleased to accord approval/consent u/s 86(1)(b) of the Electricity Ac, 2003 and u/s 21 (4) of Telangana Electricity Reforms Act, 1998 to the draft Power Purchase Agreement made between TGSPDCL, TGNPDCL and M/s. SCCL for procurement of power from its 1 x 800 MW Stage-II Singareni Thermal Power Project, at the tariff to be determined by the Hon'ble TGERC under section 62 of the Act, 2003, pursuant to a separate petition to be filed by M/s. SCCL.


PETITIONER

Place: Hyderabad
Date: 29.09.2026.

C
IP
Com
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GINEER
TGSPDCL
ce, 6-1-50,
Hyderabad-04.

**BEFORE THE HON'BLE TELANGANA ELECTRICITY REGULATORY
COMMISSION**

Vidyut Niyamtran Bhavan, G.T.S. Colony, Kalyan Nagar, Hyderabad

O.P.No. 32 /2026

IN THE MATTER OF

Seeking consent u/s 86(1)(b) of the Electricity Act, 2003 and u/s 21 (4) of Telangana Electricity Reforms Act, 1998 to the draft Power Purchase Agreement (PPA) entered into between TGSPDCL, TGNPDCL & M/s.SCCL for procurement of power from the 1 x 800 MW Stage-II Singareni Thermal Power Project at the tariff to be determined by the Hon'ble TGERC under section 62 of the Act, 2003, pursuant to a separate petition to be filed by M/s. SCCL.

IN THE MATTER OF

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

Rep. by its Chairman & Managing Director,
TGSPDCL, Corporate Office, Mint Compound, Hyderabad.

NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

Rep. by its Chairman & Managing Director,
TGNPDCL, Vidyut Bhavan, Nakkalagutta, Warangal.

... PETITIONERS

AFFIDAVIT OF APPLICANT VERIFYING THE ACCOMPANYING PETITION

I, Sri. L.Pandya S/o. L.Lokya aged about 60 years, Occupation: Chief Engineer/IPC&RAC, TGSPDCL, Hyderabad, R/o. Hyderabad do solemnly affirm and say as follows:

- 1) I am Chief Engineer/IPC&RAC/TGSPDCL, competent and duly authorized by TGSPDCL to affirm, swear, execute and file this affidavit in the present proceedings.
- 2) I have read and understood the contents of the accompanying application drafted pursuant to my instructions. 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 ENGINEER
IPC & RAC TGSPDCL
Corporate Office, 6-1-50,
Mint Compound, Hyderabad-04.

VERIFICATION

The above named Deponent solemnly affirm at Hyderabad on this this 29th day of September, 2026 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.

Solemnly affirmed and signed before me


Superintending Engineer IPC&RAC
TGSPDCL, Corporate Office,
6-1-50, Mint Compound,
Hyderabad - 500 004.


DEPONENT

CHIEF ENGINEER
IPC & RAC TGSPDCL
Corporate Office, 6-1-50,
Mint Compound, Hyderabad-04.

**DRAFT POWER PURCHASE
AGREEMENT
BETWEEN**

**THE SINGARENI COLLIERIES
COMPANY LIMITED**

AND

**SOUTHERN POWER DISTRIBUTION
COMPANY OF TELANGANA LIMITED**

**NORTHERN POWER DISTRIBUTION
COMPANY OF TELANGANA LIMITED**

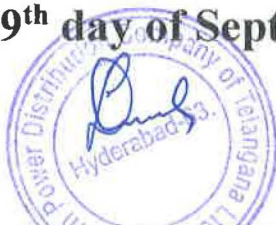
FOR

SALE OF POWER

FROM

**SINGARENI THERMAL POWER
PROJECT (1x800 MW) STAGE-II
(STPP STAGE II)**

Dated 29th day of September 2026



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DRAFT POWER PURCHASE AGREEMENT BETWEEN
THE SINGARENI COLLIERIES COMPANY LIMITED
AND
SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED
NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

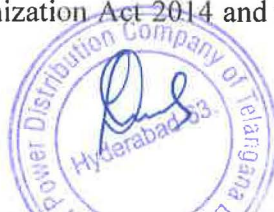
FOR SALE OF POWER FROM
SINGARENI THERMAL POWER PROJECT (1x800 MW) (STAGE-II)
Dated 29th day of September 2026

Article 1: PREAMBLE

This Power Purchase Agreement, hereinafter called "Agreement", entered into at Hyderabad on this 29th day of September Two Thousand and Twenty-Six.

Between

1. **Southern Power Distribution Company of Telangana Limited** constituted on 02-06-2014 under AP Reorganization Act 2014 and the sub-section (6) of section 23 of Andhra



Pradesh Electricity Reform Act, 1998 (Act, 30 of 1998) and having its registered office at 6-1-50, Corporate Office, Mint Compound, Hyderabad 500 063 (hereinafter referred to as "TGSPDCL");

Northern Power Distribution Company of Telangana Limited, constituted on 02-06-2014 under AP Reorganization Act 2014 and the sub-section (6) of section 23 of Andhra Pradesh Electricity Reform Act, 1998 (Act, 30 of 1998) and having its registered office at H.No.2-5-31/2, Corporate Office, Vidyut Bhavan, Nakkalagutta, Hanamkonda, Warangal 506001 (hereinafter referred to as "TGNPDCL");

(hereinafter each of TGSPDCL and TGNPDCL are, as the context may require, individually referred to as "TGDISCOM" and collectively referred to as the "TGDISCOMs" which expression shall, unless it be repugnant to the context or meaning thereof include its successors and assigns), as parties of the first part, and

2. **The SINGARENI COLLIERIES COMPANY LIMITED**, constituted under the Companies Act 1956 having its registered office at Kothagudem, Bhadradi Kothagudem District (hereinafter called "SCCL" which expression shall unless repugnant to the context or meaning thereof include its successors and assignees) as party of the second part **WHEREAS the Govt. of Telangana** had accorded approval to SCCL for setting up of Singareni Thermal Power Project (1x800 MW) Stage-II at Pegadapalli village, Jaipur Mandal, Mancherial District, Telangana State, hereinafter referred to as "Singareni Thermal Power Project (1x800 MW) Stage-II", and generally referred to as "STPP STAGE II". Whereas SCCL is a Public Sector Company owned by the Government of Telangana and Government of India in the ratio 51:49 and will be executing and operating the Project.

AND WHEREAS TGDISCOMs are desirous of purchasing all the declared capacity from Singareni Thermal Power Project (1x800 MW) Stage-II as a brown filed project and SCCL is willing to sell the same to TGDISCOMs on mutually agreed terms and conditions.

The terms and conditions of the Power Purchase Agreement are as per prevailing TGERC regulations and any changes in TGERC regulations that may occur in future and or made from time to time shall be applicable.

Now therefore, in consideration of the premises and mutual agreements, covenants and conditions set forth herein, it is hereby agreed between the Parties as follows:



Article 2: INTERPRETATION AND DEFINITIONS

The words or expressions used in this agreement but not defined hereunder shall have the same meaning assigned to them by the Electricity Act 2003 as amended from time to time, and the Rules framed there under and Regulations issued by TGERC from time to time.

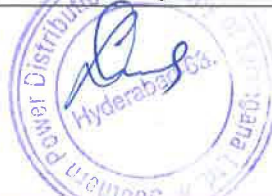
2.1	Act	Act means the electricity Act, 2003 and as amended or modified from time to time including any re-enactment thereof.
2.2	Availability	'Availability' as defined in clause 2.1.9(a) of TGERC (Multi Year Tariff) Regulation, 2023 as amended or replaced from time to time.
2.3	Acceptance Test for establishing the Capacity of the Unit	Acceptance test through trial run for establishing the capacity of the Unit shall be performed in the presence of SCCL and TGDISCOMs representatives, and on satisfying the capacity of the Unit, the capital cost of the project shall be arrived at on pro-rata basis against the rated capacity as admitted by the TGERC time to time.
2.4	Additional Capitalization	Additional Capitalization means the capital expenditure actually incurred or projected to be incurred, Within the Original Scope of Work, after the COD and up to the Cut-Off Date, as may be admitted by the Commission subject to Prudence Check.
2.5	Approved capital Cost	The Capital Cost of the Stage-II Project shall be as admitted by the TGERC for determination of Tariff.
2.6	Authority or CEA	The Central Electricity Authority referred to in Section 70 of the Act.
2.7	Auxiliary Power Consumption (AUX)	'Auxiliary Power Consumption' or 'AUX' as defined in clause 2.1.8 of TGERC (Multi Year Tariff) Regulation, 2023 as amended or replaced from time to time.
2.8	Billing Centre	The office as intimated by SCCL to the TGDISCOMs from where the bills will be raised on them.
2.9	Billing Date	The Billing Date shall be the date on which the monthly energy bills are raised which shall be within 5 (five) business days after the Meter Reading Date in each Calendar month or within 5 (five) business days from publishing of monthly state energy account.
2.10	Billing Month	The Billing Month means Metering Date of calendar month to the Metering Date of the next calendar month.



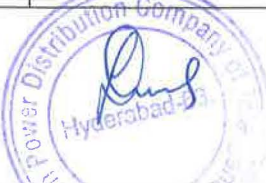
2.11	Bus Bars / Ex Bus	Bus bars of the station to which outgoing feeders are connected.
2.12	Business Day	It shall be construed as a reference to a day {other than Sunday} on which banks are generally open for business in Hyderabad.
2.13	Capacity Charges	Capacity Charges (or) Fixed Charges as determined by TGERC and shall be paid as per the Availability as defined in clause 2.1.9(a) of TGERC (Multi Year Tariff) Regulation, 2023 as amended or replaced from time to time.
2.14	Capital cost	Capital cost of STPP Stage-II project means the capital expenditure of the unit as admitted by the Commission for determination of tariff.
2.15	Charges for Supply of Electricity	This means and includes all charges including the tariff to be paid by the TGSPDCL and TGNPDCL in respect of supply of electricity to them from the STPP Stage-II project in accordance with the provisions of this Agreement and as determined by TGERC.
2.16	COD or Date of Commercial Operation	This shall have the meaning as assigned in clause 2.1.20 of TGERC (Multi Year Tariff) Regulation, 2023 as amended from time to time.
2.17	Contracted Capacity	Capacity contracted shall be 100% of installed capacity of 1X800 MW by TGDISCOMs under this agreement.
2.18	Cut-off date	This shall have the meaning as per clause 2.1.17 of TGERC (Multi Year Tariff) Regulation, 2023 as amended from time to time.
2.19	Date of Effectiveness of Agreement	Date of Effectiveness of Agreement shall be the date of signing of this agreement.
2.20	Declared Capacity (DC)	This means the capability of the generating station to deliver ex-bus Electricity in MW declared by such generating station in relation to any time-block of the day or whole of the day, duly considering the availability of fuel as per clause 2.1.22 of TGERC (Multi Year Tariff) Regulation, 2023 as amended from time to time.
2.21	Designated Officer	The Designated Officer in TGDISCOMs/TGPPCC shall be of the rank of Financial Advisor & Chief Controller of Account (FA& CCA) and GM (F&A) or any other Officer designated by TGSPDCL and TGNPDCL for matters relating to Billing and Payment.



2.22	Dispatch procedure	The methodology for Scheduling and Dispatch for the generating station shall be as specified in the grid code. This shall be as per clause 47 of the Telangana State Electricity Regulatory Commission (State Electricity Grid Code) Regulation, 2018 [Regulation No.4 of 2018] as amended from time to time.
2.23	Duration of Agreement	Duration of agreement shall be 25 years from date of COD of the project.
2.24	Due Date of Payment	In case of a regular Monthly Bill and any Supplementary Bill, due date of payment shall be within 60 (Sixty) days from the Billing Date or as per applicable under TGERC Regulations as amended from time to time.
2.25	Grid Code	Grid Code means the Indian Electricity Grid Code specified by the Central Commission or the Telangana State Electricity Regulatory Commission (State Electricity Grid Code) Regulation, 2018 [Regulation No.4 of 2018] whichever is applicable as amended from time to time or subsequent re-enactment thereof.
2.26	Infirm Power	This means electricity injected into grid prior to the COD from the date of synchronisation of the Unit.
2.27	Installed Capacity	This means the name plate capacity of the unit reckoned at generator terminals as may be approved by the commission from time to time.
2.28	Installed Capacity Test	In relation to any Generating Unit means any capacity test of such Generating Unit to be carried out pursuant to Annexure-II (Commissioning and Testing).
2.29	Interconnection point	Interconnection point means the point at the outgoing side of HV feeder (including the feeders between the generating stations) breaker where the power plant and the grid are connected in the power plant switchyard.
2.30	Investment approval	Investment approval shall be the date of financial closure of the project or issuance date of letter of award (LOA) for main contract whichever is earlier.
2.31	Licensee	This means a person/ entity, granted a license under section 14 of the Electricity Act, 2003, by the appropriate commission.
2.32	Maximum continuous rating	It is in relation to unit of the thermal power generating station means the maximum continuous output at the generator terminals, guaranteed by the manufacturer at rated



		parameters and corrected to 50Hz grid frequency and specified site conditions as defined in clause 2.1.45 of TGERC (Multi Year Tariff) Regulation, 2023 as amended from time to time.
2.33	Meters -Main, Check and Standby	Meters for measurement and checking of import/export of energy for Energy Accounting as defined in CEA metering regulations, 2006 as amended from time to time.
2.34	Metering Date	Metering Date for the first calendar month will be Date of COD of the unit. Subsequent Metering Date will mean first day of each calendar month on which meter reading up to 24:00 hours of last day of previous month will be recorded. The Metering Date of the Financial Year ends at 24:00 Hrs on 31 st march of Subsequent year and so on.
2.35	Monthly Bill	Monthly Bill will have the meaning ascribed to it under clause 6.1.1 for Power supplied under this agreement.
2.36	Net Electrical Energy	It is the energy net of gross generation and AUX, supplied from 1x800 MW Stage –II Singareni Thermal Power Project measured in kWh, in accordance with the provisions of Article 4.5 of this agreement.
2.37	Primary Fuel	Primary fuel for the project shall be from SCCL coal mines including Naini coal mine or any other approved source.
2.38	Project	This means the coal based 1x800 MW Stage-II Thermal Power Station of Singareni Thermal Power Project (STPP) which will be established as brown filed project at Pegadapalli Village, Jaipur Mandal, Mancherial District, Telangana State, India, having a design rated capacity of 1x800 MW and all facilities and related assets required for the efficient, economical and safe operation of the power station and for environmental compliance including, without limitation, railway yard & equipment, coal handling and ash disposal facilities, sampling including third party sampling, testing facilities and infrastructure features where so ever situated.
2.39	Prudent Utility Practices	Prudent Utility Practices means the practices, methods, techniques, and standards that are generally accepted nationally and internationally from time to time and commonly used in the national and international electric utility industry for the operation and maintenance set forth in this agreement, which include practices methods , techniques and standards that shall be adjusted as necessary to take account of the requirements of Law, physical conditions at the site on which a Power Station is located and operation



		and maintenance guidelines of the manufacturers of plant and equipment incorporated in the Power Station which SCCL is required to follow in order to maintain in effect any warranties, guarantees or insurance policies relating thereto.
2.40	SCOD (Scheduled Date of Commercial Operation)	SCOD shall be reckoned from the date of investment approval.
2.41	Supplementary Bill	Supplementary Bill will have the meaning ascribed to it in Article 6 of this agreement.
2.42	State Energy Account	This shall have the meaning as specified in TGERC intra-state DSM (Deviation Settlement Mechanism) Regulations as amended from time to time.
2.43	Statement for Deviation Account Settlement	This shall have the meaning as specified in TGERC intra-state DSM (Deviation Settlement Mechanism) Regulations as amended from time to time.
2.44	Trial Run	Trial Run of the Thermal Generating Unit as specified in Grid code as amended from time to time shall be carried out in accordance with the following provisions: (a) A thermal generating unit shall be in continuous operation at MCR for seventy-two (72) hours on designated fuel: Provided that: (i) short interruption or load reduction shall be permissible with the corresponding increase in duration of the test; (ii) Interruption or partial loading may be allowed with the condition that the average load during the duration of the trial run shall not be less than MCR, excluding the period of interruption but including the corresponding extended period; (iii) cumulative interruption of more than four (4) hours shall call for a repeat of trial run. (b) Where, on the basis of the trial run, a thermal generating unit fails to demonstrate the unit capacity corresponding to MCR, the generating company has the option to de-rate the capacity of the generating unit or to go for a repeat trial run. If the generating company decides to de-rate the unit capacity, the de-rated capacity in such cases shall not be more than 95% of the demonstrated capacity, to cater for primary response.
2.45	Time-block	This shall have the meaning as specified in TGERC intra-state DSM (Deviation Settlement Mechanism) Regulations and CERC Regulations as amended from time to time.
2.46	TGERC	This means the Telangana Electricity Regulatory Commission constituted under the Andhra Pradesh Reorganisation Act, 2014. Earlier it was known as TSERC.



Article 3: ALLOCATION, TRANSMISSION & WHEELING OF POWER

3.1 Installed Capacity

- 3.1.1 The Installed Capacity of Singareni Thermal Power Project Stage-II shall be 1x800MW.
- 3.1.2 The Project is being developed for the sale of 800 MW power to TGDISCOMs (TGSPDCL & TGNPDCL), excluding Auxiliary Energy Consumption. However, SCCL shall be at liberty to offer/ sell any un-requisitioned capacity/ energy to bulk power beneficiaries of other states/regions through power exchange subject to payment of applicable state Transmission charges & losses, DSM charges if any and as per the applicable Rules/Regulations and Grid code Regulations i.e. IEGC or SEGC as amended from time to time and by obtaining NOC from SLDC as per applicable rules and regulations.

3.2 Allocation of Capacity

- 3.2.1 The project is being developed for the sale of power to TGDISCOMs (TGSPDCL & TGNPDCL), in proportion of sharing as approved by the government of Telangana from time to time.
- 3.2.2 The allocation of 800 MW shall be contracted capacity subject to signing of this agreement, opening of LC and providing appropriate payment security mechanism as provided at clause 9.2 of this agreement. TGDISCOMs shall draw electricity against the above contracted capacity limited to the amount of LC opened and maintained by it. Provided that SCCL shall be at liberty not to schedule any power unless adequate payment security as agreed by the parties in this agreement has been provided and made available all the time during the validity of this agreement.
- 3.2.3 SCCL shall intimate SLDC from time to time regarding the quantum of capacity TGDISCOMs are eligible to draw.

3.3 Transmission / Wheeling of Electricity

- 3.3.1 Sale of electricity shall be at the bus bars of the project, and it shall be the obligation and responsibility of TGSPDCL and TGNPDCL in coordination with TGTRANSCO to make the required arrangement for evacuation of electricity from such delivery points of the STPP Stage-II.



Article 4: SALE AND PURCHASE OF AVAILABLE ELECTRICAL CAPACITY

4.1 Power Supply by SCCL

4.1.1 Scheduling

It is understood and agreed by and between the parties that SCCL shall operate the project as a base load station as per the manufacturers guidelines, applicable grid operating standards, directions of the TGERC and relevant statutory provisions, as applicable from time to time. Methodology of scheduling and dispatch for the generating station shall be in accordance with Telangana State Electricity Regulatory Commission (State Electricity Grid Code) Regulation, 2018 [Regulation No.4 of 2018] and IEGC 2023 as amended from time to time.

All charges / fees related to scheduling and despatch of electricity shall be borne by TGDISCOMs.

4.1.2 Declared Capacity or 'DC'

DC means the capability of the station to deliver Ex-Bus electricity in MW declared by the station in relation to any time block of the day or whole of the day, duly taking into account the availability of Primary fuel as per clause 2.1.22 of TGERC (Multi Year Tariff) Regulation, 2023 as amended from time to time.

Declared capacity (DC) shall be SCCL's declaration of the capacity at the bus bars for 1 x800MW unit after taking into account the capacity of the station to deliver Ex-Bus energy.

Notwithstanding the following, Station shall be deemed as available to the extent of DC declared by the station for any time period:

(a) Failure on account of TGDISCOMs to transmit and wheel electricity from the Ex-Bus of the station in coordination with TGTRANSCO.

(b) Any other reason not attributable to SCCL restricting scheduling and despatch of capacity at the Ex-Bus of the station.

4.2 Sale and Purchasing of Infirm Power

After Synchronization and prior to the COD of Generating Unit, SCCL will sell and TGDISCOMs will purchase all infirm power generated by that generating Unit. TGSPDCL and TGNPDCL shall reimburse SCCL the actual landed cost of coal consumed for generation, supplied from SCCL coal mines or Naini coal mine or any other approved source notified by Ministry of Coal, including all applicable notified prices, statutory levies, taxes, transportation, railway freight, handling charges. Further, any other approved arrangement or additional cost/premium shall be reimbursed only with the prior mutual consent of SCCL and TGDISCOMs, subject to its admissibility under the applicable regulatory framework.

TGSPDCL & TGNPDCL shall also reimburse SCCL the actual cost of secondary fuel consumed for such generation, in accordance with the applicable tariff/regulatory provisions.



The treatment of infirm power shall be in accordance with the provisions of the TGERC (Deviation Settlement Mechanism and Related Matters) Regulations 2021 as and when this regulation comes into force.

4.3 Sale and Purchase of Net Electricity Energy

From and after the Commercial Operational Date of 1x800 MW Unit, subject to the provisions of this agreement, SCCL shall sell, and TGDISCOMs shall purchase total Electricity energy generated by the Unit (1x800 MW) for the consideration set forth in this agreement. TGSPDCL and TGNPDCL shall reimburse SCCL the actual landed cost of coal consumed for generation, supplied from SCCL coal mines or Naini coal mine or any other approved source notified by Ministry of Coal, including all applicable notified prices, statutory levies, taxes, transportation, railway freight, handling charges. Further, any other approved arrangement or additional cost/premium shall be reimbursed only with the prior mutual consent of SCCL and TGDISCOMs, subject to its admissibility under the applicable regulatory framework.

4.4 Power Supplies by TGDISCOMs:

Upon SCCL's request, TGDISCOMs shall provide electrical energy to SCCL for start-up and also for commissioning of the Project from existing bus bar system. TGDISCOMs shall furnish a bill to SCCL for such power at a price equal to TGDISCOMs published tariff for start-up and also for commissioning period up to the COD of the Project.

4.5 Net Electricity Energy Delivered

Means the energy units actually delivered to TGDISCOMs by SCCL pursuant to sale of the capacity under Article 4 of this PPA, as computed at the inter connection point, which shall be the only point at which such net Electricity Energy shall be computed under this agreement.

4.6 Scheduling and Dispatch Procedure

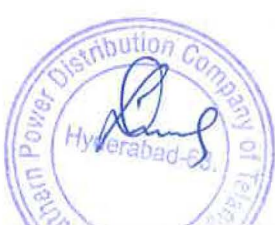
Scheduling and Dispatch procedure shall be as per clause 47 of the Telangana State Electricity Regulatory Commission (State Electricity Grid Code) Regulation, 2018 [Regulation No.4 of 2018] as amended from time to time.

4.6.1 Nothing contained in this agreement shall be construed to require SCCL to operate the facility, at any time, including emergency, inconsistent with Prudent Utility practices and the technical limits in any manner.

4.6.2 Backing down limits of units

For Singareni Thermal Power Project (1x 800 MW) Stage II, the technical minimum limit, ramp up/down and scheduling of power of Generating unit shall be in line with Grid Code (SEGC/IEGC) Regulations/CEA (Flexible operation of Coal based thermal power generating units) Regulations, 2023 as amended from time to time.

In the absence of any dispatch instructions from TGSLLDC, the Unit will operate according to the day ahead capacity notice furnished by SCCL.



Article 5: Metering and Energy Accounting

- 5.1 The interface meters, viz, main and standby meters, of 0.2S accuracy class shall be installed and maintained by SCCL in coordination with TGTRANSCO and TGDISCOs as per Central electricity authority (Installation and operation of meters) Regulations 2006 as amended from time to time (or) as notified by TGERC and check meter of 0.2S accuracy class shall be installed and maintained by TGDISCOs. Cost of the main meter, standby meter and charges for all types of testing and calibration will be borne by SCCL and cost and charges of those for check meter shall be borne by TGDISCOs.
- 5.2 The main and check meters shall be installed on outgoing feeders and the Standby meters on HV side of Generator Transformers and Station Auxiliary Transformers. SCCL shall install ABT meters at both ends of bus sectionaliser in line with CEA Metering (Installation and operation of meters) (Amendment) Regulation, 2019.
- 5.3 The Interface meters and the associated CT's and VTs/ CVTs/ IVTs/ EMVTs shall be tested for factory acceptance tests as per relevant IS/IEC and for accuracy at an NABL accredited laboratory in presence of representatives of TGTRANSCO and TGDISCOs for ensuring their healthiness and accuracy respectively.
- 5.4 The interface meters shall be tested at the time of installation at site for accuracy using standard reference meter of better accuracy class than the meter under test.
- 5.5 All the interface meters shall be sealed by SCCL and TGDISCOs, whenever seals have to be removed for any reason, advance notice shall be given to other party for witnessing the removal of seals and resealing. The breaking and resealing of the meters shall be recorded by the party, mentioning the date of removal and resealing, serial numbers of the broken and new seals and the reason for removal of seals.
- 5.6 **Half Yearly checks:** All the interface meters shall be checked for accuracy on half yearly basis by TGDISCO and shall be treated as working satisfactorily so long as the errors are within the limits prescribed for meters of the specific class. SCCL shall extend required coordination and attend for the check test.
- 5.7 **Yearly Test for Accuracy:** SCCL shall get the main and stand by interface meters tested at NABL accredited laboratory once in every year in the presence of representatives of both TGTRANSCO and TGDISCOs. TGDISCOs shall get the check interface meters tested at an NABL accredited laboratory once in every year in the presence of representatives of both TGTRANSCO and SCCL.
- 5.8 SCCL shall install AMR modules for the interface meters to enable online transmission of meters data to TGTRANSCO/TGDISCOs.
- 5.9 SCCL shall provide data acquisition systems (DAS) facility compatible with TGS LDC's supervisory control and data acquisition (SCADA) system in consultation with TGS LDC for transfer of real time data to SLDC as per IEGC 2023 / State Grid Code as amended.



- 5.10 Monthly meter readings of main, check and standby meters shall be jointly taken (and a joint acknowledgement thereof signed) by the authorised representatives of SCCL, TGTRANSCO, and TGDSCOMs at an agreed time as per this agreement on each metering date which shall be downloaded through MRI and shall be used to arrive the ex-bus energy sent out corresponding to scheduled generation for computation of Monthly Energy Charges, as per this agreement, till the implementation of intra-state DSM (Deviation Settlement Mechanism) Regulations in the state. After implementation of DSM Regulations, monthly energy charges shall be based on State Energy Account & Statement for Deviation account Settlement, issued by competent authority. The load survey data shall also be downloaded through MRI. Whenever difference between the readings of main meter and check meter for any month is more than the limit specified in CEA metering regulations 2006, as amended from time to time, corrective measures shall be taken as mentioned therein. Whenever difference between the readings of main meter and standby meters for any month is more than 1.2%, procedure prescribed as in case of main & check meters shall be followed.
- 5.11 Reading of the main meter shall form the basis of billing. In case of failure of main meter or if the error of main meter is beyond the permissible limits, billing for the month shall be done based on the readings of check meters and the main meter shall be replaced immediately. In case of failure of both main meter and check meter billing for the month shall be done based on the readings of standby meters and the main and check meters shall be replaced immediately.



Article: 6 Billing

6.1 All charges for supply of electricity under this agreement shall be billed by SCCL as determined from time to time by the TGERC and/ or any other competent authority and the same shall be paid by TGSPDCL and TGNPDCL in accordance with the following provisions:

a) SCCL shall present the bills based on the Monthly meter reading pursuant to the Article 5 of this agreement and the provisions of this article shall apply. If either Party fails to attend the joint meter reading at the agreed time, the readings provided by the party which conducts such reading shall be conclusive for the purposes of this agreement: Provided that the results of such reading be provided to the other party which shall be certified by an officer of the party conducting the meter reading.

b) Billing Centre of SCCL shall carry out billing and associated functions. SCCL would submit the bills to the officer to be nominated by TGDISCOMs.

c) The monthly bill for the Power supplied from the project shall include the charges for supply of electricity under this agreement, taxes, duties, cess etc including additional bills for the past period (s) on account of orders of TGERC/ Appellate tribunal for electricity/ other courts/ other competent authority (ies). If for certain reasons some of the charges which otherwise are in accordance with this agreement, cannot be included in the main monthly bills, such charges shall be billed as soon as possible through supplementary bill (s).

d) TGDISCOMs shall arrange payment of such monthly bill (s)/ supplementary bill (s) promptly through irrevocable letter of credit to the designated account of SCCL or through RTGS. The date of transfer of payment to SCCL account shall be considered as the date of payment for computation of rebate or late payment of surcharge in respect of such payment. The bill (s) of SCCL shall be paid in full subject to the condition that: -

- i. There is no apparent arithmetical error in the bill (s).
- ii. The bill (s) is / are claimed as per the allowed/ agreed tariff.
- iii. They are in accordance with joint meter readings or as per State monthly energy account issued by competent authority as per TGERC regulations applicable from time to time.

e) All payments made by TGDISCOMs shall be appropriated by SCCL for amounts due from TGDISCOMs in the following order of priority:

- i. Towards late payment surcharge, payable if any.
- ii. Towards interest on tariff differential if applicable.
- iii. Towards the statutory dues like tax, royalty etc in the current bill (s).
- iv. Towards earlier unpaid bill (s) if any.
- v. Towards current unpaid bill (s) if any

Provided that the balance after the above adjustments, if there be any, shall be treated as advance payment against future supply of energy.

f) In case TGDISCOM dispute any amount, even then, it shall pay 95% of the disputed amount forthwith and file a written objection with SCCL within 30 days of raising of bill, giving following particulars:



- i. Item disputed, with full details / data and reasons of dispute.
- ii. Amount disputed against each item.

Provided that non acceptance of tariffs determined/ approved by TGERC shall not be valid ground for dispute.

g) The amount of excess / shortfall with respect to the said 95% payment based on finally determined amount in line with Article 6 shall be paid / adjusted with the applicable interest of Bank Rate as defined in clause 2.10 of TGERC (Multi Year Tariff) Regulations, 2023 as amended from time to time from the date on which the amount in dispute is payable / refundable.

6.1.1 Monthly Bill:

On or before each billing date, SCCL shall submit to TGDISCOMs a monthly bill based on

- a) Meter reading (taken pursuant to article 5 – Metering) that has either been signed by both parties or certified by SCCL with respect to TGDISCOM refusal to sign within five days of the metering date or State Monthly Energy Account and
- b) The applicable tariff as approved by TGERC and or agreed by parties for this project covered under this agreement.

The presentation of physical copy of the Bill in Original at the office of the Authorised Person of the DISCOMs or presentation by sending the scanned copy of Original Bill from official email ID of the Authorised Signatory of the STPP/SCCL to official email ID of the Authorised Signatory of the TGDISCOMs shall be recognized as valid mode of presentation of Bill.

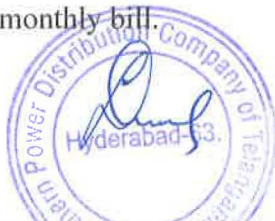
6.1.2 Each monthly bill for a billing month shall be payable by TGDISCOMs in accordance with this agreement on or before the due date of payment, which will be the date 60 days or shall be as per applicable TGERC regulation as amended from time to time from the date of billing to the designated officer of TGDISCOMs.

6.1.3 Supplementary Bills:

Any amount due to SCCL by TGSPDCL and TGNPDCL under this agreement other than the amounts set out in a monthly tariff bill and the bills shall be payable within sixty (60) days after presentation of supplementary bill(s) by SCCL to TGSPDCL and/or TGNPDCL. This will include, but not limited to the following:

- i. Claims for Income Tax;
- ii. Statutory duties, taxes, cess, levies, fee, royalty, etc.;
- iii. Monthly tariff adjustments;
- iv. Water charges, NALA charges, etc.;
- v. Any claims of central / state / local authorities / bodies, etc.;
- vi. Any other claim admissible under this Agreement;

Any Supplementary Bill which reflects an amount owed by SCCL to TGDISCOMs shall be reflected as a credit in the next monthly bill.



6.2 Whenever TGERC provides for compensation or any other commercial mechanism for operating the units at or above technical minimum but below normative plant availability factor, or in any other situation the same shall be applicable to 1x800 MW Plant of SCCL as per the applicable TGERC regulations.



Article 7: GENERATION TARIFF

7.1 Terms and Conditions

7.1.1 The Tariff for the electricity supplied from the STPP Stage-II project (1x800 MW) would be as determined by TGERC from time to time.

7.1.2 SCCL shall approach TGERC for determination of tariff before commercial Operation date of the unit. In case the tariff is not determined for any reason by TGERC prior to COD date of the unit, the parties agree that billing and payment shall be done based on interim tariff application filed/ approved by TGERC for the 1x800 MW STPP Stage-II project.

SCCL shall inform procurer(s) of such adhoc tariff and pending determination of tariff by TGERC, billing would be carried out based on such adhoc tariff on provisional basis subjected to adjustment as and when Tariff is determined by TGERC.

7.2 Capital Expenditure:

The capital expenditure of the unit shall be initially taken as Rs. 9595.99 crores projected in detailed project report as per Annexure-I and shall be updated by revised cost estimates approved by the SCCL board from time to time limited to actual capital expenditure recorded in SCCL's books of accounts and subjected to approval of TGERC.

7.3 Deemed Generation:

Stoppage of generation due to problems in power evacuation from generating station shall be treated as deemed generation for the purpose of computation of availability for payment of fixed charges.

In case of fuel shortage, the SCCL shall plan maximum generation during peak hours communicated by SLDC by utilizing available fuel.



Article 8: Taxes, Levies, Duties, Royalty, CESS Etc...

8.1 Levies, Taxes, Duties, Cess:

The generation tariff in Article 7 is exclusive of any statutory taxes & fees, levies, duties, cess, or any other kind of imposition (s) whatsoever imposed/charged by any government (Central/State) and / or any other local bodies/authorities on generation of electricity including auxiliary consumption or any other type of consumption including water, transmission, environment protection, sale or on supply of power/ energy and / or in respect of any of its installations associated with generating stations and / or on transmission systems.

8.2 The total amount of such levies/ taxes/ duties/ cess, payable by SCCL to the authorities concerned in any month on account of the above shall be borne and additionally paid by TGSPDCL and TGNPDCL to SCCL.

8.3 **Income Tax:** Income Tax applicable for the sale of power under this Agreement shall be governed by the applicable TGERC MYT Regulations and the parties agree to abide by and comply with such Regulations

Article 9: Payment Mechanism

9.1 Letter of Credit (LC)

(a) The bills shall be presented to the Designated Officer of TGDISCOMs for Payments. Payments by TGDISCOMs for the bills raised by SCCL shall be made within 60 days through Letter of Credit (LC).

(b) A revolving LC to be opened in favour of SCCL to cover one-month receivables, subject to review of value of bills each year on 1st April.

(c) LC shall be valid for the term of the PPA by Renewing/ Revalidating / Opening New LC in place of existing LC.

(d) LC charges in relation to opening, operation and maintenance shall be TGDISCOMs account.

9.2 Escrow Account

(a) In addition, TGDISCOMs shall open an Escrow account by entering Escrow Agreement with a Nationalised Bank (for the entire period of PPA) thirty (30) days prior to effective date, to cover one-month receivables valid for the tenure of the PPA as a back up to LC.

(b) TGDISCOMs shall cause all receipts of TGDISCOMs arising from sale of power (both LT & HT) to be deposited in Escrow account aggregating to an amount not less than LC amount.

(c) Such instruction shall be irrevocable during the term of this Agreement. TGDISCOMs shall not act in any manner as may negatively affect the inflow of revenues into this account



and shall take such steps as may be necessary to assure the flow of the specified level of revenues in such account during the term of this Agreement.

(d) In the event of TGDISCOMs failure to pay any sums due to SCCL on the due date of payment through LC or otherwise, when any sum is due to SCCL, or in case of non-renewal of LC, SCCL by notice in writing to the Bank holding the Escrow account, may require such bank not to honour any of cheques, hundies and requisition presented to it by or on behalf of TGDISCOMs or any other draws on the account until after the claim of SCCL is first discharged.

(e) This arrangement shall continue parallelly with LC for the entire period of this Agreement.

9.3 Rebate on payment through LC

Any rebate on the bills shall be as per the terms and condition subjected to applicable TGERC regulation as amended from time to time. Provided that no rebate shall be payable on the bills raised on account of taxes, duties, royalty / cess etc.

9.4 Delayed payment Charge

Delayed Payment Charges and its treatment shall be as per the provisions of TGERC regulation as amended from time to time.

Article 10: CHANGE IN LAW

In the event of promulgation of any new law, regulation or in the event of any change, amendment, modification or repeal of any law, regulation or tax (including without limitation, any withholding taxes, cess, duties, environmental taxes, sales taxes, property taxes, import fees or assessments) of any government authority after the date of effectiveness of this agreement, detrimentally or beneficially affects SCCL, then SCCL shall send a notice in writing to TGDISCOMs regarding such an event and both parties shall meet and endeavour to agree to an amendment to this agreement to pass on the impact of such an event to TGDISCOMs, Which shall be settled through supplementary invoice. If within 90 (ninety) days after such notification, the parties are unable to reach agreement on such amendment, or in the event that an agreement to amend has been reached but no amendment has been executed within 30 (thirty) days after reaching of such agreement to amend, either party shall have the right to approach TGERC.



Article 11: IMPLEMENTATION OF THE AGREEMENT

All discretions to be exercised and directions, approvals, consents, and notices to be given and actions to be taken under these provisions unless otherwise expressly provided herein, shall be exercised and given by the signatories to this agreement or by the authorised representative (s) that each party may nominate in this behalf and notify in writing to the other party by registered post with acknowledgement due. Any other nomination of authorized representative (s) shall be informed likewise in writing to / by TGSPDCL and TGNPDCL within one month of signing of the agreement. Notwithstanding any nomination, the chairman & managing director / SCCL or his authorised representatives at its registered office shall be authorised to act for and on behalf of SCCL.

Article 12: DURATION OF THE AGREEMENT

This Agreement shall be deemed to be in force from date of effectiveness of this Agreement and in operation for twenty five (25) years from the date of commercial operations (COD) of the project. This Agreement may be extended, renewed, amended or replaced by another Agreement, on or before the expiry of this Agreement, on such terms and for further period of time as the parties may mutually agree subject to prior consent of Telangana Electricity Regulatory Commission (TGERC).

Article 13: FORCE MAJEURE

No party shall be liable for any claim for any loss or damage whatsoever arising out of failure to carry out the terms of the agreement to the extent that such a failure is due to force majeure events such as war, rebellion, mutiny, civil commotion, riot, strike, lock-out, forces of nature, accident, act of God and any other reason beyond the control of concerned party. But any party claiming the benefit of this clause shall reasonably satisfy the other party of the existence of such an event and give written notice within a reasonable time to the other party to this effect. Generation / drawl of power shall be started as soon as practicable by the parties concerned after such eventuality has come to end or ceased to exist.

The generator is entitled to claim only fixed charges and cannot claim any consequent losses during force Majeure period.

Article 14: ARBITRATION

All differences or disputes between the parties arising out of or in connection with this agreement shall be endeavoured to be settled amicably through negotiation between the chief executives of the respective parties within 90 days, failing which shall be settled through arbitration as provided herein. The place of arbitration shall be at Hyderabad.

In the event of any such difference or disputes between the parties, any party may by a written notice of 30 days to the other party request Telangana Electricity Regulatory Commission (TGERC) to settle such disputes. The same shall be dealt as per the provisions of electricity act 2003.



Article 15: GENERAL

15.1 Agreement final and complete

This agreement contains the full and complete understanding between the parties and supersedes all prior arrangements and understanding whether written or oral appertaining to the subject matter of this agreement and may not be varied except by an instrument in writing signed by all the parties to this agreement. No representations or promises not expressly contained in this agreement have any effect of modifying this agreement.

15.2 Waiver

If any provision of this agreement shall be adjudged by a court to be unlawful void or unenforceable such provision shall to the extent required be severed from this agreement and rendered ineffective as far as possible without modifying the remaining provisions of this agreement and shall not in any way affect any other circumstances or the validity or enforcement of this agreement.

No failure or delay on the part of the parties to this agreement relating to the exercise of any right, power, privilege or remedy provided under this Agreement shall operate as a waiver of such right, power, privilege or remedy or as a waiver of any preceding or succeeding breach by the other party to this agreement nor shall any other or further exercise of any right, power, privilege or remedy preclude any other or further exercise of any other right, power, privilege or remedy provided in this agreement all of which are several and cumulative and are not exclusive of each other or of any other rights or remedies otherwise available to a party at law or in equity.

15.3 Circumstances not covered in this agreement

The parties acknowledge and accept that it has not been possible to envisage all the circumstances that may arise in the course of the dealing between the parties and therefore it has not been possible to provide for all such eventualities. In the course of the implementation of the agreement the parties may be faced with matters which have not been expressly dealt within this agreement.

In that event, the parties shall discuss and find an appropriate solution to such matters amicably and parties shall act on best endeavour basis keeping in view the interest of both the parties. If the parties are unable to arrive at a settlement, then the same shall be referred to TGERC.



Article 16: NOTICE

All notices required or referred under this Agreement shall be in writing and signed by the respective authorized signatories of the Parties mentioned herein above, unless otherwise notified. Each such notice shall be deemed to have been duly given to the other party if delivered or served by registered post/speed post or by any other mode with an acknowledgement in terms of Article 11. Provided further that the parties are not precluded from issuing a notice by a special messenger or any mode of information technology platform. In case usage of information technology platform, a simple post copy confirmation be sent by certified posting.

Article 17: ASSIGNMENT

- 17.1 SCCL acknowledges and accepts that TGDISCOMs shall (with the consent of SCCL) be entitled to assign all its rights, duties, obligations and responsibilities under this agreement to any other successor entities, either wholly or partly and to one or more of them and in such manner as may be agreed to between TGDISCOMs and the said successor entities with the approval of TGERC and after due service of written notice of the proposed assignment to SCCL. Upon such assignment taking place, the corresponding rights, obligations and interest of TGDISCOMs shall in connection with this agreement or incidental thereto devolve on the successor entities.
- 17.2 Provided that TGDISCOMs shall continue to be responsible for all obligations outstanding prior to the date of assignment, until these are fully discharged by the successor entities.
- 17.3 Provided that at a subsequent date, the successor entities refuses to accept any rights / obligations / liabilities as not devolving on them, these will automatically revert to TGDISCOMs, who shall discharge their obligations in respect of such rights, obligations and liabilities without any demur.
- 17.4 Provided further that, in the event of the successor assignees refuses to perform any or all obligations that have devolved on them pursuant any scheme of sale / transfer of any of the parties, then the subsisting parties to the agreement may bring such situation to the notice of the TGERC and TGERC will be required to pass any appropriate orders requiring compliance by any other authority including but not limited to government.
- 17.5 For the purpose of obtaining financing for the Project, SCCL may assign or create security over its rights and interests under or pursuant to this Agreement to any one or all the lenders of this Project.



IN WITNESS WHEREOF THE PARTIES HAVE SIGNED THIS AGREEMENT
ON THE DAY, MONTH AND YEAR FIRST WRITTEN ABOVE.

For and behalf of THE SINGARENI COLLIERIES COMPANY LIMITED	For and on behalf of TGDISCOMS
1.  (CH. CHIRANJEEVI) ED, STPP	1.  TGSPDCL CHIEF ENGINEER IPC & RAC TGSPDCL Corporate Office, 6-1-50, Mint Compound, Hyderabad-04.
In the presence of	2.  TGNPDCL K. VENKATARAMANA Chief Engineer IPC & RAC TGNPDCL WARANGAL.
1.  (GVN Gurus Prasad) GM, PPD, HYD	In the presence of
2.  (S.J. SRINIVASA RAO) AGM (GFM) PPD, HYD	1.  (K. SUNEETHA) SE/IPC/TAPPCC
	2.  (A. NARSIMULU) Superintendent TGSPDCL, Corporate 6-1-50, Mint Compound, Hyderabad - 500 004.



ANNEXURE –I

SINGARENI THERMAL POWER PROJECT STAGE – II (1x800 MW)		
DETAILS OF ESTIMATE PROJECT COST		
Sl. No	Description	Rs. Crores
1	Land, Civil construction works and Environment costs	1022.70
2	Plant & Equipment	7348.87
3	Pre-commissioning expenses	63.12
4	Project Management	166.10
5	Project cost excluding IDC (1 to 4)	8600.79
6	Interest during construction	995.20
7	Total Project cost including IDC (5 and 6)	9595.99
8	Project Cost /MW	11.99



ANNEXURE – II

Commissioning and Testing

1. Commissioning and Testing

1.1 Guidelines

The commissioning of the project will require demonstrating satisfactory conformance with regulatory requirements. An installed capacity test shall be carried out during the reliability run as defined in the “tests on completion” in the EPC contract entered into, or to be entered into by SCCL for the purposes of the project. SCCL shall give the TGDISCOMs at least fifteen (15) days prior written notice of the date on which the installed capacity test will commence. SCCL, TGDISCOMs shall designate representatives to witness and observe the test. The generating unit shall be operated within the manufacturer’s specified limits and in accordance with prudent utility practices for the duration of the test.

1.2 Test Conditions – General Considerations

The installed capacity test shall be designated and carried out in accordance with standard ASME PTC 6 – Turbo Generators.

- (i) The installed capacity test will be run under any and all ambient conditions (temperature, humidity etc) that may exist during the time of the installed capacity test, and no corrections in final generator gross output will be allowed as a result of prevailing ambient conditions.
- (ii) The fuel will be within the range of the fuel specification in the Coal Supply Agreement (CSA). In addition, the ability of the power station to meet rated capacity with fuel of the lowest quality permitted under the CSA will be demonstrated.
- (iii) Correction curves will be used if grid operation during the installed capacity test exceeds the grid technical limits.

1.3 Installed Capacity Test

It means the successful running of the Generating Unit thereof at MCR or Installed Capacity for continuous period of 72 hours of the Unit.

Provided that:

- 1.3.1. The short interruptions, for a cumulative duration of 4 hours, shall be permissible with a corresponding increase in the duration of the test. Cumulative Interruptions for more than 4 hours shall call for repeat of Trial Operation or Trial Run.
- 1.3.2. Partial loading may be allowed with the condition that average load during the duration of the Trial Run shall not be less than Maximum Continuous Rating or the Installed Capacity



or the Name Plate Rating excluding period of interruption and partial loading but including the corresponding extended period.

1.4 Test Results

- 1.4.1 Within five (5) Days after the conclusion of the Installed Capacity Test SCCL shall submit a written report to TGDISCOMs which shall contain:
- Details of the results of the tests including sufficient data to demonstrate that all requirements of the Installed Capacity Test have been met.
 - If Generating Unit has passed the Installed Capacity Test for the purposes of COD, the date and time for commencement of Commercial Operation for such Generating Unit for the purposes of this Agreement.
- 1.4.2 If TGDISCOMs dispute any or all of the results contained in the report provided by SCCL pursuant to paragraph 1.4.1 above, then TGDISCOMs shall initiate the Informal Dispute and Arbitration detailed in Article 14 of this Agreement.
- 1.4.3 Energy generated during testing and commissioning: At all times after the Scheduled Date of Synchronization of each Generating Unit, TGDISCOMs shall accept all electrical output produced by such Generating Unit during start-up, commissioning and testing performed pursuant to Article 4 of this Agreement.

1.5 First time charging (FTC)

- 1.5.1 As per Clause 40 of the CERC (IEGC) Regulations, 2023 and the CEA Technical Standards for Connectivity to the Grid, the generating unit is required to submit validated mathematical and dynamic simulation models to the concerned SLDC/RLDC prior to synchronization.
- 1.5.2 As per Clause 48(6) of the CEA (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022, installation of Phasor Measurement Units (PMUs) compliant with IS 60255-118-1:2018 is mandatory for grid-connected generating stations.
- 1.5.3 Further, as per the SRLDC FTC requirements, the validated simulation models and PMU compliance details are required to be furnished prior to charging/synchronization and completion of the FTC process.

