



Southern Power Distribution Company of Telangana Limited

#6-1-50, Corporate Office, Mint Compound, Hyderabad 500 063
website www.tgsouthernpower.org

From
Chief Engineer (IPC),
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.STPP(800MW)/D.No. 1928 /26,Dt: 26 .09.2026
Sir,

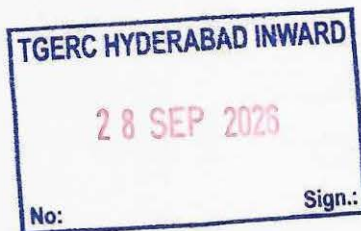
Sub:-TGSPDCL – IPC&RAC – Petition seeking consent for procurement of power from 1x800 MW Stage-II, Singareni Thermal Power Project for a period of 25 years – Submission of Petition – Reg.

TGSPDCL, on behalf of the TGDISCOMs, is filing the enclosed Petition seeking the consent of the Hon'ble Commission for procurement of power from 1x800 MW Stage-II, Singareni Thermal Power Project for a period of 25 years.

The Petition is herewith submitted in six (6) sets for consideration and appropriate orders of the Hon'ble Commission.

Further, as per Clause 4(g)(i) of the TGERC (Levy of Fees for Various Services Rendered by the Commission) Regulation No.2 of 2016, the prescribed petition filing fee of Rs.25,000/- (Rupees Twenty-Five Thousand only) is enclosed in the form of Cheque along with the Petition.

Encl: Petition in 6 Sets,
Cheque No: 613389



Yours faithfully,

L. Pandya

Chief Engineer (IPC&RAC)
Email_Id:scipctsspdcl@gmail.com
Ph: +91 8712468147

Copy to:

The Executive Director/Comml/TGPPCC/Vidyut Soudha/Hyderabad

**BEFORE THE HONOURABLE TELANGANA ELECTRICITY REGULATORY
COMMISSION**

AT IT'S OFFICE AT VIDYUT NIYANTRAN BHAVAN, SY. NO. 145-P, GTS COLONY,
KALYAN NAGAR, HYDERABAD-45

O.P.No. 31 of 2026

IN THE MATTER OF:

Filing of petition by the Distribution and Retail supply licensee the Southern Power Distribution Company of Telangana Limited (TGSPDCL) on behalf of TGDISCOMs (TGSPDCL & TGNPDCL) to accord consent/approval for procurement of power from 1x800 MW Stage-II, Singareni Thermal Power Project for a period of 25years.

IN THE MATTER OF:

- 1) Southern Power Distribution Company of Telangana Limited, Rep.by its Chairman & Managing Director,
TGSPDCL, Corporate Office, Mint Compound, Hyderabad.
- 2) Northern Power Distribution Company of Telangana Limited, Rep.by its Chairman & Managing Director,
TGNPDCL, VidyutBhavan, Nakkalagutta, Warangal.

..... Petitioners

**Petition filed on behalf of TGDISCOMs Under Section 86 (1) (b) of
Electricity Act 2003**

The applicant most respectfully submits:

- a) The present Petition is being filed by the Distribution Companies of Telangana i.e., TGDISCOMs (TGSPDCL & TGNPDCL) **Under Section 86 (1) (b) of Electricity Act 2003**(hereinafter referred as 'Act') seeking consentof the Hon'bleCommission for Procurement of power from 1x800 MW Stage-II, Singareni Thermal Power Project for a period of 25 years.


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Mint Compound, Hyd-500004.

Background to the filing of present petition:

- I. TGDISCOMs have filed a petition before Hon'ble TGERC on 16.01.2025 vide Letter No. CE(IPC)/DE(IPC)/ADE(EV)/F. STPP(800MW)/D.No.1544/24 seeking consent for procurement of 1 X 800 MW Stage – II Singareni Thermal Power Project for a period of 25 years.
- II. In the above petition, TGDISCOMs have submitted the data in respect of Telangana energy requirement, highlighting the details of energy availability and the deficit which may occur from the FY 2028-2029 onwards as per CEA and projections of Hon'ble TGERC. TGDISCOMs also referred to the report of the Central Electricity Authority (CEA) in respect of the capacity addition requirement in order to meet the increase in energy demand in the state on account of EV policy, Data center development, extension of metro corridors etc.
- III. Hon'ble TGERC has scrutinized the said petition as per the procedure contemplated under various regulations and found it in order thereby numbered as O. P. No. 30 of 2025. In accordance with the regulatory provisions, Hon'ble TGERC had fixed the public hearing on 28th April 25.
- IV. However, based on the discussion with the Government of Telangana, there was a need to reassess the 1 x 800 MW project considering coal linkage, location of the project etc. It was conveyed by TGDISCOMs that a revised proposal would be submitted to Hon'ble TGERC.
- V. In view of the above, Hon'ble TGERC in order dated 17th May 2025, had given the liberty to TGDISCOMS to file an appropriate fresh petition seeking consent to procure power from 1 x 800 MW Singareni Thermal Power Plant Stage -II as and when it deems fit.

In view of the above TGDISCOMs humbly submit the following points for the consideration of Hon'ble TGERC.


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Justification for purchase of power from the Project:

- I. It is to submit that CEA has published the Report on Resource Adequacy Plan (Generation) for the State of Telangana (2025-26 to 2035-36), Version 2.0, dated January 2026, considering the latest demand growth of Telangana, and has recommended addition of coal-based capacities to meet the State's base load demand reliably, along with Wind/ Hydro/ other RE based capacities.
- II. As per the said CEA Resource Adequacy Report, the year-wise Energy Requirement and Peak Demand projected for the State of Telangana are as under:

Year	Energy Requirement (MU)	Peak Demand (MW)
FY 2026-27	108,125	19,953
FY 2027-28	116,497	21,240
FY 2028-29	125,099	22,539
FY 2029-30	133,444	23,761
FY 2030-31	141,376	24,882
FY 2031-32	148,870	25,902
FY 2032-33	156,694	26,955
FY 2033-34	163,925	27,884
FY 2034-35	170,661	28,708
FY 2035-36	177,219	29,812

- III. As per the assessment of CEA, there is requirement of thermal capacity of 13,984 MW by FY 2031-32 for reliably meeting the base demand in addition to RE capacity additions.
- IV. As against the above thermal capacity requirement, the current thermal capacity of TGDISCOMs stands at 13,098 MW. Further, it is submitted that, over and above the growth in demand, some of the existing long-term PPAs of the State are also scheduled to expire during the study period, necessitating replacement capacity. About 500 MW of

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contracted capacity from KTPS Stage-V is scheduled to expire in FY 2029-30, followed by another 500 MW from KTHP Unit-I in FY 2035-36. This would lead to a total capacity loss of 1,000 MW. This would result in shortfall of thermal capacity by ~ 1,386 MW by FY 2031-32 as against the CEA requirement.

- V. In addition, the State of Telangana has been witnessing robust economic growth due to the progressive policies and enabling socio-economic environment. This has resulted in increase in base and peak demand growth of electricity.
- VI. Due to policy enablers, major IT players have announced plans for setting up Data centers in the State and have also commenced the project activities. It may be noted that this would add substantially to round-the-clock power demand.
- VII. It is submitted that, considering only the proposed addition of the 1x800 MW SCCL Stage-II Thermal Project to the State's presently contracted and already-committed capacity, the resultant Energy Demand-Supply position would be as under:

Year	Energy Requirement (MU)	Energy Availability without the Project (MU)	Energy Availability with the proposed 800 MW Project (MU)	Deficit (MU)
FY 2029-30	133,444	118,998	124,538	8,906
FY 2030-31	141,376	119,014	124,554	16,822
FY 2031-32	148,870	119,098	124,638	24,232
FY 2032-33	156,694	119,186	124,726	31,968
FY 2033-34	163,925	119,278	124,818	39,107
FY 2034-35	170,661	119,240	124,780	45,881
FY 2035-36	177,219	115,589	121,129	56,090

- VIII. The corresponding Peak Demand-Supply position, considering only the proposed 1x800 MW Project, would be as under:


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Year	Peak Demand (MW)	Peak Availability without the Project (MW)	Peak Availability with the proposed 800 MW Project (MW)	Deficit (MW)
FY 2029-30	23,761	17,180	17,812	5,949
FY 2030-31	24,882	17,179	17,811	7,071
FY 2031-32	25,902	17,196	17,828	8,074
FY 2032-33	26,955	17,214	17,846	9,109
FY 2033-34	27,884	17,233	17,865	10,019
FY 2034-35	28,708	17,230	17,862	10,846
FY 2035-36	29,812	16,778	17,410	12,402

- IX. It may be noted that the above tables consider only the incremental contribution of the proposed 1x800 MW SCCL Stage-II Project (computed at 85% plant availability, over and above the State's presently contracted and already-committed capacity). Even after considering this Project, a residual energy and peak deficit would remain, which TGDISCOMs propose to address through the other capacity additions, under separate proceedings before the Hon'ble Commission.
- X. In light of the above points, TGDISCOMs humbly submit that the proposed PPA with 1 x 800 MW, Stage II Singareni Plant would enable TGDISCOMs in meeting growing power requirements in the State in an economic and reliable manner.
- XI. It is respectfully submitted that the tariff for supply of power from the said Project be determined by the Hon'ble Commission under Section 62 of the Electricity Act, 2003. Accordingly, SCCL will, in due course, file an appropriate petition before the Hon'ble Commission for determination and approval of the tariff.


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 IPC&RAC TGSPDCL
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PRAYER:

Hon'ble Commission may be pleased to:

- Accord consent to procurement of power from Singareni Thermal Power Project (1x800 MW) Stage-II for a period of 25 years.
- Pass such other order or orders, as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.


Applicant No.1 & 2

CHIEF ENGINEER

IPC&RAC TGSPDCL

Corporate Office, 6-1-50,
Minister's Road, Hyderabad-500044.

1. Southern Power Distribution Company of Telangana Ltd.,
Hyderabad.
2. Northern Power Distribution Company of Telangana Ltd.,
Warangal.

Place: Hyderabad.

Date: 26.09.2025.

CHIEF ENGINEER
IPC&RAC TGSPDCL
Corporate Office, 6-1-50,
Minister's Road, Hyderabad-500044.

**BEFORE THE HONOURABLE TELANGANA ELECTRICITY REGULATORY
COMMISSION**

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- 1) Southern Power Distribution Company of Telangana Limited, Rep. by its Chairman & Managing Director, TGSPDCL, Corporate Office, Mint Compound, Hyderabad.
- 2) Northern Power Distribution Company of Telangana Limited, Rep. by its Chairman & Managing Director, TGNPDCL, Vidyut Bhavan, Nakkalagunta, Warangal.

..... Petitioners

AFFIDAVIT

I, L.Pandya, S/o. L.Lokya, aged 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, I am competent and duly authorized by the Petitioners 1 to 2 to affirm, swear, execute and file this Petition.

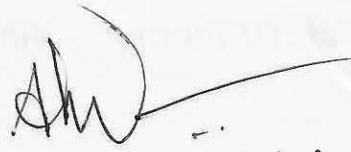

CHIEF ENGINEER
IPC&RAC TGSPDCL
Corporate Office, 6-1-50,
Mint Compound, Hyd-500004.

2. I have read and understood the contents of the accompanying Affidavit drafted pursuant to my instructions. The statements made in the accompanying Affidavit 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.

VERIFICATION

The above named Deponent solemnly affirm at Hyderabad on 26th 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.

Sworn & signed before me


SE/IPC&RAC

DEPONENT


CHIEF ENGINEER
IPC&RAC TGSPDCL
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Mint Compound, Hyd-500004.

DEPONENT


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