Before the MAHARASHTRA ELECTRICITY REGULATORY COMMISSION World Trade Centre, Centre No.1, 13th Floor, Cuffe Parade, Mumbai 400005 Tel. 022 22163964/65/69 Fax 22163976 Email: mercindia@merc.gov.in Website: www.merc.gov.in

Case No. 195 of 2023

Case of the Tata Power Company Ltd – Distribution seeking adoption of tariff discovered for procurement of 225 MW grid connected Wind- Solar Hybrid capacity on long term basis plus additional 150 MW under Greenshoe Option through Competitive Bidding Process (Followed by E-Reverse Auction) to meet the future demand and Renewable Purchase Obligations.

| The Tata Power Company Ltd – Distribution (TPC-D) | Petitioner |
|---|-----------------|
| Juniper Green Energy Private Limited (JGEPL) | Respondent No.1 |
| Tata Power Renewable Energy Limited (TPREL) | Respondent No.2 |
| | |

<u>Coram</u> Sanjay Kumar, Chairperson Anand M. Limaye, Member Surendra J. Biyani, Member

Appearance

For the Petitioner For Respondent No.1 For Respondent No.2 : Adv Shri Venkatesh: Shri Shailesh Shekhar: Shri Viddyesh Raje and Shri Gaurav Lodha

<u>ORDER</u>

Date: 28 February 2024

 The Tata Power Company Ltd – Distribution (TPC-D) has filed the present Petition on 06 October 2023 under Section 63 of Electricity Act, 2003 (EA, 2003) seeking adoption of tariff discovered for procurement of 225 MW grid connected Wind- Solar Hybrid capacity on long

Final Order in Case No. 195 of 2023

term basis (25 years) plus additional 150 MW under Greenshoe Option through Competitive Bidding Process (Followed by E-Reverse Auction) to meet the future demand and Renewable Purchase Obligations (RPO).

2. **TPC-D's major prayers are as follows:**

- a) To admit the Petition as per the provisions under Section 63 of the Electricity Act, 2003;
- b) To accord approval for adoption of tariff discovered in the competitive bidding process for 75 MW from JGEPL at Rs 3.27/kWh
- *c)* To accord approval for adoption of tariff discovered in the competitive bidding process for 150 MW from TPREL at Rs 3.28 /kWh;
- d) To accord approval for purchase of power for a period of 25 years and subsequent signing of PPA, with successful bidders for total quantum of 225 MW;
- e) To accord approval for additional quantum of 150 MW under Greenshoe Option from TPREL and adoption of tariff at Rs 3.27 /kWh
- *f) To accord approval to make this power eligible for meeting the RPO requirement of the Petitioner;*

3. **TPC-D in its Case has stated as follows:**

- 3.1. The Commission in its Order dated 28 November 2022 in Case No. 129 of 2022 had approved TPC-D's proposal for initialization of the competitive bidding process for procurement of 225 MW wind-solar hybrid power to meet its future demand and RPO.
- 3.2. Accordingly, on 26 June 2023 TPC-D floated a Bid document on web portal set-up by ISN-ETS 'Bharat-Electronic Tender and also published the bid on Tata power website for purchase of RE power.
- 3.3. TPC-D carried out 2 Stage bidding process, it clarified the queries raised by the potential bidders.
- 3.4. TPC-D opened the Technical Bid on 11 August 2023, TPC-D noted that three (3) bidders qualified techno commercially and were eligible for opening the financial bid. The details of three (3) qualified bidders are as under:

| No. | Name of the Applicant | Capacity Offered (Green Shoe Cap Offered) | Location | Substation Details |
|-----|---|--|---|---|
| 1 | Tata Power Renewable Energy Limited (TPREL) | 225 MW (225 MW) | Solar – Chakarwadi, Maharashtra Wind – village-Vewali, Ghatnandre, Maharashtra | Solar- Manjarsumba, MSETCL S/s Wind: Naldurg, Buldhana- MSETCL S/s |
| 2 | Avaada Energy Private Limited | 100 MW (100 MW) | District-Latur, Osmanabad- Maharashtra | 220kV Narangwadi MSETCL S/s |
| 3 | Juniper Green Energy Private Limited | 75 MW (0 MW) | Wind- Bhoom- Osmanabad, Solar- Chapalgaon-Solapur Maharashtra | Wind-132kV Bhoom, Solar-220kV Kumbhari MSETCL S/s |

3.5. On 5 September 2023 TPC-D opened the Financial Bids of the above-mentioned bidders. On the same day i.e., 5 September 2023 TPC-D had done E reverse Auction. The rates discovered in the E-Reverse Auction are as under:

| Sr. | Bidder | Initial H | Bid | E-R | everse Auction | |
|-----|--------|------------------|-------------------|------------------|-------------------|------|
| No. | Name | Capacity (MW) | Rate (INR/kWh) | Capacity (MW) | Rate (INR/kWh) | Rank |
| 1. | JGEPL | 75 | 3.79 | 75 | 3.27 | L 1 |
| 2. | TPREL | 225 | 3.59 | 150 | 3.28 | L 2 |
| 3 | AEPL | 100 | 3.85 | 100 | 3.58 | L 3 |

3.6. TPC-D compared the bids received with recently discovered Hybrid projects which were expected to be commissioned in 24 months post signing of the PPA. The rates comparison of Hybrid projects is as below:

| Details | CESC | TPDDL | CESC | TPDDL | Tata Power-D |
|---------|--------------------------|--------|--------|-------------------|--------------|
| | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid Bid |
| | In case Plan Maharash | | | is within the ate | |

| Details | CESC Hybrid | TPDDL Hybrid | CESC Hybrid | TPDDL Hybrid | Tata Power-D Hybrid Bid |
|---|-----------------|-----------------|-----------------|-----------------|---------------------------------------|
| Date of E-Reverse | 10-May-23 | 30-Nov-22 | 10-May-23 | 30-Nov-22 | 05-Sept-23 |
| Auction | | | | | |
| Bid Capacity | 150 | 255 | 150 | 255 | 225 |
| Capacity Awarded | 150 | 255 | 150 | 255 | 225 (E- Reverse Auction result) |
| Winning Tariff | 3.07 | 3.00 | 3.07 | 3.00 | |
| Inter State Trans. Losses | 0.11 | 0.11 | NA | NA | |
| Inter State Trans. Charges | 0.45 | 0.45 | NA | NA | |
| Impact of higher Cost in Maharashtra | NA | NA | 0.10 | 0.10 | |
| Change in CUF due to variation in the Solar radiation 28% to 26% | NA | NA | 0.07 | 0.18 | |
| Reduction in Wind CUF by 2% (absolute) | NA | NA | 0.13 | 0.13 | |
| Tariff at State Periphery | INR 3.63/kWh | INR 3.56/kWh | INR 3.37/kWh | INR 3.30/kWh | INR 3.27/3.28/kWh |

- 3.7. TPC-D also noted that tariff discovered in this bidding process was less than the approved long term Power Purchase cost of TPC-D. Also, the power from hybrid project will help TPC-D to reduce overall power purchase cost and meet its RPO.
- 3.8. Accordingly, TPC-D issued LOA to the final awardees with a condition that signing of PPA would be subject to approval of the Commission.

Details of final Bid Awarded

| Sr.No | Bidder Name | Capacity (MW) | Rate (INR/kWh) |
|-------|----------------------------------|------------------|----------------|
| 1 | Juniper Green Energy Private Ltd | 75 | 3.27 |
| 2 | Tata Power Renewable Energy Ltd | 150 | 3.28 |

4. Procurement of additional capacity under Greenshoe option from Wind-Solar Hybrid power through competitive bidding: -

- 4.1. The Commission published the Draft MERC (Renewable Purchase Obligation, its Compliance and Implementation of Renewable Energy Certificate Framework) (First Amendment) Regulations, 2023, which sets out RE targets from 29.91% to 43.33% from FY 2024-25 to FY 2029-30.
- 4.2. The Commission's draft for RPO obligation is in line with the MoP notification for RPO. Hence, considering that if the same % RPO as mentioned in the draft as notified by the Commission, the RPO requirement of TPC-D will also be increasing significantly in the future. The estimated sales, existing RE tie-ups, RE requirement in future and proposed purchase is tabulated as follows:

| Sr. No | Power Project/ Agency | Capacity of Power Station / Agency- MW (unit wise) | Name of Contracted Power station | Capacity Contracted Arranged -MW | Annual Mus |
|---------|---------------------------------------|--|--------------------------------------|--|------------|
| 1 | Tata Power Renewable Energy Limited | 25 MW | Solar Plant at Palaswadi | 25 | 42 |
| 2 | Tata Power - Solar | 3 MWp | Solar Plant at Mulshi | 3 | 4 |
| 3 | Tata Power - Solar | 60.84 KWp | Rooftop Solar PV based Generation | 0 | 0 |
| 4 | Tata Power Renewable Energy Limited | 150 MW | Chayyan, Rajasthan | 150 | 342 |
| 5 | Tata Power Green Energy Limited | 225MW | Hybrid | 225 | 690 |
| 6 | Proposed Hybrid | 225MW | Hybrid | 225 | 591 |
| 7 | Proposed Hybrid with Greenshoe option | 150MW | Hybrid | 150 | 394 |
| 8 | Exisitng Hydro | 447 MW | Hydro | 218 | 707 |
| Total C | ontracted Generation Capacity (MW) | | | 859.56 | 2769 |

4.3. Considering the future requirement based on the power purchase plan and RPO requirement as per the draft RPO Regulations issued by the Commission the Renewable Power requirement works out as provided in the Table below.

| Particulars | | | FY26 | FY27 | FY28 | FY29 | FY30 |
|---------------------------------|-----|-----------|--------|--------|--------|--------|--------|
| Direct Sale | MUs | а | 4893 | 5235 | 5549 | 5882 | 6235 |
| EHV Sales | MUs | b | 789 | 797 | 805 | 813 | 821 |
| Total Sale Excluding EHV Sales | MUs | c=a-b | 4104 | 4438 | 4744 | 5069 | 5414 |
| D>L | % | d | 1% | 1% | 1% | 1% | 1% |
| T<>D Requirement | MUs | e=c/(1-d) | 4146 | 4484 | 4794 | 5122 | 5470 |
| Changeover Sale | MUs | f | 1550 | 1550 | 1519 | 1489 | 1459 |
| EHV Sales | MUs | g | 789 | 797 | 805 | 813 | 821 |
| Total T<>D Requirement | MUs | h=e+f+g | 6486 | 6832 | 7118 | 7424 | 7751 |
| T.L | % | i | 3.18% | 3.18% | 3.18% | 3.18% | 3.18% |
| INSTS Requirement | MUs | j=h/(1-i) | 6699 | 7056 | 7352 | 7668 | 8005 |
| Total RPO Requirement | % | k=l+m | 33.01% | 35.95% | 38.81% | 41.36% | 43.33% |
| RPO Requirement excluding Hydro | % | I | 31.53% | 34.15% | 36.66% | 38.85% | 40.51% |
| RPO Requirement for Hydro | % | m | 1.48% | 1.80% | 2.15% | 2.51% | 2.82% |
| Generation required from other | MUs | n | 2112 | 2410 | 2695 | 2979 | 3243 |
| than Hydro | | | | | | | |
| Generation from Present tie ups | MUs | о | 1783 | 1783 | 1783 | 1783 | 1783 |
| with exisitng Hydro | | | | | | | |
| Energy from 225 MW Hybrid | MUs | р | | 591 | 591 | 591 | 591 |
| Project | | | | | | | |
| Proposed tie Up under Greenshoe | MUs | q | | 394 | 394 | 394 | 394 |
| Option 150 MW | | | | | | | |
| Total Other Re | | r=o+p+q | 1783 | 2769 | 2769 | 2769 | 2769 |
| Balance Requirement | MUs | s=n-r | 329 | -359 | -74 | 210 | 474 |
| cumulative Shortfall | | t | 329 | -31 | -104 | 106 | 580 |

- 4.4. Based on the revised RPO targets and TPC-D's demand supply scenario, TPC-D will require additional 150MW to meet its RPO targets for FY 2026-27 onwards.
- 4.5. Consequently, by a corrigendum TPC-D added Greenshoe Option in the bid document for procuring additional capacity to meet the revised RPO targets.
- 4.6. TPC-D requested JGEPL and TRPEL to provide additional capacity under Green Shoe option. JGEPL retained its stand of no capacity under greenshoe option, however TREPL offered an additional 150 MW capacity at Rs 3.27/kWh
- 4.7. TPC-D has also requested the Commission to allow additional procurement of 150 MW at Rs 3.27/kWh from TPREL and permission for signing of PPA for a period of 25 years at the lowest discovered rate of Rs 3.27/kWh under Greenshoe Option with successful bidder i.e. TPREL.

| Bidder Name | Capacity (MW) | Rate (INR/kWh) |
|---------------------------------|------------------|-------------------|
| Tata Power Renewable Energy Ltd | 150 | 3.27 |

Details of quantum and cost under proposed Greenshoe option

4.8. Along with Greenshoe Option TPC-D is seeking approval for adoption of Tariff and signing of long term PPA for 375 MW (i.e., 225+150) for meeting its RPO at the following rates.

| Bidder Name | Capacity (MW) | Rate (INR/kWh) |
|--|------------------|-------------------|
| Juniper Green Energy Private Ltd | 75 | 3.27 |
| Tata Power Renewable Energy Ltd | 150 | 3.28 |
| Tata Power Renewable Energy Ltd under Green shoe option | 150 | 3.27 |
| Total | 375MW | |

- 5. JGEPL vide its letter dated 30.10.2023 has provided No Objection for adoption of Tariff Petition filed by TPC-D for procurement 75 MW.
- 6. At the E-hearing held on 19 January 2023, Representative of TPC-D re-iterated the rationale for adoption of Tariff for procurement of RE Hybrid Power. In reply to Commission's query relating to location projects, TPC-D stated that JGEPL's 75MW Solar project is proposed to be commissioned in Village Bhoom Osmanbad, and Wind Project in Chapalgaon -Solapur Maharashtra and TREPL's (150MW) Solar is proposed to be commissioned in Chakarwadi, Maharashtra and Wind Project in Vewali Ghatnandre, Maharashtra. Respondents JGEPL and TREPL consented for adoption of Tariff.

Commission's Analysis and Rulings

- Present Petition has been filed by TPC-D for adoption of Tariff of Rs. 3.27 P.U. and Rs 3.28 P.U. for procurement of 75 MW and 150 MW respectively and additional 150MW at Rs. 3.27 P.U. under greenshoe option for Wind-Solar Hybrid Power discovered through competitive bidding under Section 63 of the EA, 2003.
- 8. The Commission notes that TPC-D in Case No.129 of 2022 seeking approval for the Bidding Documents for long term procurement (25 years) of 225 MW capacity from grid connected Wind-Solar Hybrid Power Projects through competitive bidding process projected that it would require about 225 MW of Renewable Energy to meet its future demand and fulfill its RPO Targets from FY 2024-25 onwards.
- Accordingly, the Commission in that Order dated 28 November 2022 considering the demand supply requirement had approved the bidding documents for procurement of 225 MW capacity from grid connected Wind-Solar Hybrid Power Projects through competitive bidding process.

- 10. In the tariff adoption process under Section 63 of the EA, 2003, the Commission has to ensure the following:
 - a. Whether Competitive bidding process is accordance with the Guidelines notified under Section 63 of the EA, 2003
 - b. Whether tariff discover through competitive bidding is in accordance with market condition.
- 11. In subsequent paragraphs, the Commission has scrutinized above two aspects with reference to the present Petition filed by MSEDCL for tariff adoption.

12. Whether Competitive bidding process is accordance with the Guidelines notified under Section 63 of the EA, 2003

- 12.1. The Commission notes that TPC-D has prepared the tender documents based on MNRE's National Wind Solar hybrid policy dated 14 May 2018 and MNRE Guidelines dated 14 October 2020 for Tariff Based Competitive Bidding Process for procurement of power from Grid Connected Wind Solar Hybrid Projects.
- 12.2. TPC-D floated the bid for procurement of 225 MW Wind-Solar Hybrid RE Power on Bharat Portal on 26 June 2023. In response, 3 bids of cumulative capacity of 325 MW were received.
- 12.3. TPC-D constituted Bid Evaluation Committee to evaluate the bids received on the ISN-ETS Portal. TPC-D followed the 2 Stage bidding process, it clarified the queries raised by the potential bidders.
- 12.4. All bids were found technically qualified and accordingly financial bid was opened and e-Reverse Auction (e-RA) process was conducted on 5 September 2023. Post e-RA process, tariff of Rs. 3..27 P.U., Rs 3.28 P.U and Rs 3.58 P.U. for 75 MW,150 MW and 100 MW respectively was discovered and two Bidders i.e. JGEPL (75MW) and TREPL (150 MW) have become successful bidders.
- 12.5. The Commission notes that TPC-D has conducted transparent process of bidding which is in accordance with the guidelines notified by the Government of India. Hence, first mandatory condition for adoption of tariff has been met.

13. Whether tariff discover through competitive bidding is in accordance with market condition.

- 13.1. TPC-D and successful bidders have stated that tariff discovered under the present bidding process i.e. Rs. 3.27 P.U. and Rs 3.28 P.U. and additional 150MW at Rs 3.28 P.U. under green shoe option is reflective of market conditions and hence requested the Commission to adopt the same.
- 13.2. The Commission notes that NTPC has recently floated a bid for 1500 MW hybrid, in which price discovered was Rs 3.35/kWh to Rs 3.36/kWh. Details of the bids are reproduced below:

| | Entity | | NT | PC HYBRID 1500 | MW (BOO-8) | | |
|--------------|---|--|----------------------------------|--|--|------------------------------|---|
| | | | | | | | |
| | Description | | | | | | |
| | Selection of Hybrid Power Generato (Tranche-I) | rs for Setting up | of 1500 MW IST | S-connected Wir | nd-Solar Hybrid P | ower Projects | anywhere in India |
| | Quantity | | 11 | 04.00 MW | | | |
| | Starting-Price | | 3.5 | 52 Indian Rupee | | | |
| | Reserve-Price | | 3.5 | 52 Indian Rupee | | | |
| | | | | | | | |
| | Acceptable percentage difference be Value and other Bidder(s) Bid Value | tween Rank-1 B for being eligible | idder's Bid No e for Award No | t Applicable | | | |
| 1 | Acceptable percentage difference be Value and other Bidder(s) Bid Value Bidder's Name | for being eligible | Idder's Bid No e for Award No | 575) | Date/Time of Bidding | Bidder's Quantity | % Differenc with Rank-1 Bid Value |
| 1 | Value and other Bidder(s) Bid Value | for being eligible | e for Award ^{NO} | 575) | | | with Rank-1 |
| s# 1 | Value and other Bidder(s) Bid Value Bidder's Name SOLALITE POWER PRIVATE | for being eligible | Loaded Value | Currency | Bidding 27-Dec-2023 | Quantity | with Rank-1 Bid Value |
| s# 1 | Value and other Bidder(s) Bid Value Bidder's Name SOLALITE POWER PRIVATE LIMITED | for being eligible Quoted Value 3.35 | Loaded Value | Currency Indian Rupee | Bidding 27-Dec-2023 16:27:30 RTZ 27-Dec-2023 | Quantity 300.00 | with Rank-1 Bid Value 0% |
| s# 1 2 | Value and other Bidder(s) Bid Value Bidder's Name SOLALITE POWER PRIVATE LIMITED Sprng Energy Private Limited ACME Cleantech Solutions | Quoted Value 3.35 3.35 | Loaded Value 3.35 3.35 | Currency Indian Rupee Indian Rupee | Bidding 27-Dec-2023 16:27:30 RT2 27-Dec-2023 16:27:54 RT2 27-Dec-2023 | Quantity 300.00 250.00 | with Rank-1 Bid Value 0% |

- 13.3. The Commission notes that price discovered by TPC-D for long term Hybrid project (Rs 3.27 P.U.) is lower than that recently discovered Tariff by NTPC for 1500 MW Hybrid project. The Commission also notes that the proposed tariffs is lower than the approved Long-term Power Purchase cost of TPC-D, indicating potential cost savings.
- 13.4. Hence, the Commission is of the opinion that tariff discovered by TPC-D for RE Hybrid project under present Petition is reflective of market conditions.
- 14. As both mandatory conditions are met, TPC-D's discovered tariff for RE Hybrid project is eligible for adoption under Section 63 of the Electricity Act, 2003.

- 15. As regard to the Procurement of additional capacity under Greenshoe option, the Commission notes the following:
- 15.1. On 26 June, 2023 TPC-D floated a tender for procurement Wind Solar Hybrid power of 225MW on long term basis (25 Years) on ISNTS portal. Subsequently, the Commission on 5 August 2023 published the Draft Maharashtra Electricity Regulatory Commission (Renewable Purchase Obligation, its Compliance and Implementation of Renewable Energy Certificate Framework) (First Amendment) Regulations, 2023 inviting suggestions and objections by 25 August, 2023.
- 15.2. The Commission in these draft Regulations has elaborated the reasons for incorporating the changes related to provisions of RPO in order to align the MERC (Renewable Purchase Obligation, its Compliance and Implementation of Renewable Energy Certificate Framework) Regulations, 2019 with the Ministry of Power (MoP) Order on RPO and Energy Storage Obligation Trajectory till 2029-30' issued on 22nd July 2022 and Corrigendum issued on 19th September 2022.
- 15.3. In draft Regulations, MERC has proposed revision in its RPO Targets, relevant extract of the draft Regulation is reproduced below:

"Introduction of Regulation 7.5 (A) after Regulation 7.5 of the Principal Regulations: "7.5(A) Every Obligated Entity shall procure electricity generated from eligible RE sources to the extent of the percentages, out of its total procurement of electricity from all sources in a year, set out in the following Table:—

| Year | Quantum of purchase (in %) from Renewable Energy sources (in terms of energy equivalent in kWh) | | | |
|---------|--|-------|-----------|------------|
| | Wind RPO | HPO | Other RPO | Total RPO |
| _ | <i>(a)</i> | (b) | (c) | <i>(d)</i> |
| 2024-25 | 2.46% | 1.08% | 26.37% | 29.91% |
| 2025-26 | 3.36% | 1.48% | 28.17% | 33.01% |
| 2026-27 | 4.29% | 1.80% | 29.86% | 35.95% |
| 2027-28 | 5.23% | 2.15% | 31.43% | 38.81% |
| 2028-29 | 6.16% | 2.51% | 32.69% | 41.36% |
| 2029-30 | 6.94% | 2.82% | 33.57% | 43.33% |

- 15.4. Considering the revised targets, TPC-D issued corrigendum to the ongoing bidding process and requested the bidders to offer additional power under greenshoe option.
- 15.5. The Commission notes that JGEPL was the lowest bidder (L1) with 75 MW of capacity offered but no capacity offered under Greenshoe option. TPREL was the second lowest bidder (L2) and 150 MW capacity was allocated to them under bucket filling. Further, TPREL is willing to offer additional capacity under Greenshoe option.
- 15.6. Tata Power-D sought Greenshoe option as per the bid conditions from JGEPL and TPREL through letters dated 11 September 2023. While JGEPL retained their stand of no capacity under greenshoe option through their response dated 11th September, 2023, TPREL was willing to offer additional 150 MW capacity as per the limit specified in the Bid conditions under Greenshoe option at L1 rate of Rs. 3.27 P.U. and confirmed the same through email dated 18 September 2023.
- 15.7. The Commission notes that TPC-D has conducted transparent bidding process and followed steps for procuring additional 150MW under greenshoe option on transparent basis. Further with increasing RPO target, additional power procurement is justifiable. Hence, the Commission approves procurement of additional 150MW at L1 rate of Rs 3.27 P.U. on long term basis (25 years) from TPREL.
- 16. The Commission notes that the proposed tariffs is lower than the approved Long-term Power Purchase cost of TPC-D, indicating potential cost savings. Additionally, the Hybrid project commissioned under the proposed bid will help meet the Wind and Solar Renewable Purchase Obligation (RPO) requirement of TPC-D. Therefore, the proposed tariffs from JGEPL and TPREL demonstrate competitiveness and potential cost-effectiveness for TPC-D. TPC-D shall sign PPA with JGEPL and TRPEL and submit copy of the PPA to the Commission for record purpose.
- 17. Hence the following Order:

<u>ORDER</u>

- 1. The Case No. 195 of 2023 is allowed.
- 2. The Commission accords its approval for adoption of Tariff of Rs. 3..27 P.U. and Rs 3.28 P.U. for procurement of 75 MW and 150 MW respectively, from JGEPL and

TREPL for Wind-Solar Hybrid Power discovered through competitive bidding under Section 63 of the EA, 2003.

- **3.** The Commission also accords approval for adoption of Tariff of Rs 3.27 P.U. for procurement of additional 150 MW from TPREL under greenshoe option.
- 4. The Commission directs TPC-D to sign the PPA with JGEPL and TRPEL and submit copy of the PPA to the Commission for record purpose.

Sd/-(Surendra J. Biyani) Member Sd/-(Anand M. Limaye) Member Sd/-(Sanjay Kumar) Chairperson

(Dr. Rajendra G. Ambekar) Secretary

