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List of abbreviations

| Abbreviation | Full Form |
|---------------------|--|
| A&G | Administrative and General |
| ACoS | Average Cost of Supply |
| Act | The Electricity Act, 2003 |
| APR | Annual Performance Review |
| ARR | Aggregate Revenue Requirement |
| ATE | Appellate Tribunal of Electricity |
| BPL | Below Poverty Line |
| BBMB | Bhakra Beas Management Board |
| CAGR | Compound Annualized Growth rate |
| Capex | Capital Expenditure |
| CEA | Central Electricity Authority |
| CERC | Central Electricity Regulatory Commission |
| CGRF | Consumer Grievance Redressal Forum |
| CGS | Central Generating Stations |
| COD | Commercial Operation Date |
| Cr | Crores |
| CREST | Chandigarh Renewable Energy and Science & Technology |
| CAG | Comptroller and Auditor General of India |
| CUF | Capacity Utilization Factor |
| CPI | Consumer Price Index |
| Discom | Distribution Company |
| DST | Daylight Savings Time |
| EWEDC | Electricity Wing of Engineering Department, Chandigarh |
| DSM | Deviation Settlement Mechanism |
| EHT | Extra High Tension |
| ERP | Enterprise Resource Planning |
| FPPCA | Fuel and Power Purchase Cost Adjustment |
| FY | Financial Year |
| GFA | Gross Fixed Assets |
| GeM | Government e Marketplace |
| GPF | General Provident Fund |
| G-TAM | Green- Term ahead market |
| HT | High Tension |
| HPO | Hydro Power Obligation |
| IEX | Indian Energy Exchange Limited |
| IPP | Independent Power Producer |
| ISTS | Inter State Transmission System |
| JERC | Joint Electricity Regulatory Commission for the state of Goa and Union Territories |
| LT | Low Tension |
| MU | Million Units |
| MYT | Multi Year Tariff |
| MNRE | Ministry of New and Renewable Energy |
| MUNPL | Meja Urja Nigam Private Limited |
| NFA | Net Fixed Assets |
| NSGM | National Smart Grid Mission |
| NIC | National Informatics Centre |
| NOC | No Objection Certificate |
| NHPC | National Hydro Power Corporation |
| NPCL | Noida Power Company Limited |
| NTI | Non-Tariff Income |
| NTPC | National Thermal Power Corporation |
| O&M | Operation and Maintenance |
| PCS | Provincial Civil Service |
| PEPSU | Patiala and East Punjab States Union |

| | |
|---------------------|--|
| PGCIL | Power Grid Corporation of India Limited |
| PGI | Post Graduate Institute |
| PLF | Plant Load Factor |
| PLR | Prime Lending Rate |
| POSOCO | Power System Operation Corporation Limited |
| PPA | Power Purchase Agreement |
| PSEB | Punjab State Electricity Board |
| PSPCL | Punjab State Power Corporation Limited |
| R&M | Repair and Maintenance |
| REC | Renewable Energy Certificate |
| RLDC | Regional Load Despatch Centre |
| RoE | Return on Equity |
| RPO | Renewable Purchase Obligation |
| SBI MCLR | SBI Marginal Cost Lending Rate |
| SBI PLR | SBI Prime Lending Rate |
| SCADA | Supervisory control and data acquisition |
| SECI | Solar Energy Corporation of India |
| SERC | State Electricity Regulatory Commission |
| SJVNL | Satluj Jal Vidyut Nigam Limited |
| SLDC | State Load Despatch Centre |
| SOP | Standard of Performance |
| T&D Loss | Transmission & Distribution Loss |
| THDC | Tehri Hydro Development Corporation |
| TOD | Time of Day |
| UI | Unscheduled Interchange |
| UT | Union Territory |
| UT ED | Union Territory Electricity Department |
| VCoS | Voltage-wise Cost of Supply |
| WPI | Wholesale Price Index |

Before the
Joint Electricity Regulatory Commission
For the State of Goa and Union Territories, Gurugram

QUORUM

Ms. Jyoti Prasad, Member

Petition No. 80/2022

In the matter of

Approval of True-up of FY 2020-21, Annual Performance Review of FY 2021-22 and Approval of Aggregate Revenue Requirements (ARR) for 3rd MYT Control Period from FY 2022-23 to FY 2024-25 and Determination of Retail Tariff for FY 2022-23.

And in the matter of

Electricity Wing of Engineering Department, Chandigarh (EWEDC).....**Petitioner**

ORDER

Dated: 11th July 2022

- 1) This Order is passed in respect of the Petition filed by the Electricity Wing of Engineering Department, Chandigarh (EWEDC) (herein after referred to as “The Petitioner” or “EWEDC” or “The Licensee”) for Approval of True-up of the FY 2020-21, Annual Performance Review for FY 2021-22 and Aggregate Revenue Requirement (ARR) for 3rd MYT Control Period and determination of Retail Tariff for the FY 2022-23 before the Joint Electricity Regulatory Commission (herein after referred to as “The Commission” or “JERC”).
- 2) The Commission scrutinised the said Petition and generally found it in order. The Commission admitted the Petition on 8th April 2022. The Commission thereafter requisitioned further information/clarifications on the data gaps observed to take a prudent view of the said Petition. The Commission also held a Technical Validation Session to determine sufficiency of data and the veracity of the information submitted. The Public Hearing was held on 13th May 2022, and all the Stakeholders/Electricity Consumers present in the Public Hearing were heard. Further, suggestions/ comments/ views and objections were invited from the Stakeholders and Electricity Consumers.
- 3) The Commission based on the Petitioner’s submission, relevant JERC MYT Regulations, facts of the matter, rules and provisions of the Electricity Act, 2003 and after proper due diligence and prudence check, has approved the Aggregate Revenue Requirement (ARR) for 3rd MYT Control Period and determination of Retail Tariff for the FY 2022-23.
- 4) A Summary has been provided as follows:
 - (a) The Commission has decided not to take up the True-Up for FY 2020-21 due to non-availability of Audited Accounts.
 - (b) The following table provides ARR, Revenue and Standalone Gap/ (Surplus) at existing tariff as submitted by the Petitioner and approved by the Commission in APR for the FY 2021-22:

Table 1: Standalone Revenue Gap/ (Surplus) at existing tariff for the FY 2021-22 (INR Cr.)

| S. No. | Particulars | Petitioner's Submission | Approved by Commission |
|--------|--|-------------------------|------------------------|
| 1 | Net Revenue Requirement | 824.85 | 775.60 |
| 2 | Revenue from Retail Sales at Existing Tariff | 685.30 | 784.13 |
| | Net Revenue Gap/ (Surplus) | 139.55 | (8.53) |

(c) The following table provides ARR, Revenue and Standalone Gap/ (Surplus) at existing tariff as submitted by the Petitioner and approved by the Commission for the FY 2022-23:

Table 2: Standalone Revenue Gap/ (Surplus) at existing tariff for the FY 2022-23 (INR Cr.)

| S. No. | Particulars | Petitioner's Submission | Approved by Commission |
|--------|--|-------------------------|------------------------|
| 1 | Net Revenue Requirement | 890.77 | 793.81 |
| 2 | Revenue from Retail Sales at Existing Tariff | 835.29 | 796.44 |
| | Net Revenue Gap/ (Surplus) | 55.48 | (2.63) |

(d) Accordingly, the following table provides the cumulative revenue gap/ surplus at existing tariff by the end of FY 2022-23:

Table 3: Cumulative Revenue Gap/ (Surplus) approved by Commission (In INR Cr)

| S. No. | Particulars | Formulae | FY 2020-21 | FY 2021-22 | FY 2022-23 |
|--------|-------------------------------------|--------------|-----------------|-----------------|-----------------|
| a | Opening Gap /(Surplus) | | (151.62) | (225.43) | (252.34) |
| b | Add: Gap/(Surplus) | | (58.01) | (8.53) | (2.63) |
| c | Closing Gap /(Surplus) | (c=a+b) | (209.63) | (233.97) | (254.97) |
| d | Average Gap/ (Surplus) | (d=(a+c)/2) | (180.63) | (229.70) | (253.65) |
| e | Interest Rate on carrying cost (%) | | 8.75% | 8.00% | 8.00% |
| f | Carrying Cost | (f=d*e) | (15.80) | (18.38) | (20.29) |
| g | Final Closing Gap/ (Surplus) | (c+f) | (225.43) | (252.34) | (275.26) |

(e) The following table provides ARR, Revenue and Standalone Gap/ (Surplus) at approved tariff as approved by the Commission for the FY 2022-23:

Table 4: Standalone Revenue Gap/ (Surplus) at proposed/approved tariff for the FY 2022-23 (INR Cr.)

| S. No. | Particulars | Petitioner's Submission | Approved by Commission |
|--------|--|-------------------------|------------------------|
| 1 | Net Revenue Requirement | 890.77 | 793.81 |
| 2 | Revenue from Retail Sales at Approved Tariff | 835.29 | 795.34 |
| | Net Revenue Gap/ (Surplus) | 55.48 | (1.53) |

(f) Accordingly, the following table provides the cumulative revenue gap/ surplus at approved tariff by the end of FY 2022-23:

Table 5: Cumulative Revenue Gap/ (Surplus) approved by Commission (In INR Cr)

| S. No. | Particulars | Formulae | FY 2020-21 | FY 2021-22 | FY 2022-23 |
|--------|-------------------------------------|--------------|-----------------|-----------------|-----------------|
| a | Opening Gap /(Surplus) | | (151.62) | (225.43) | (252.34) |
| b | Add: Gap/(Surplus) | | (58.01) | (8.53) | (1.53) |
| c | Closing Gap /(Surplus) | (c=a+b) | (209.63) | (233.97) | (253.87) |
| d | Average Gap/ (Surplus) | (d=(a+c)/2) | (180.63) | (229.70) | (253.11) |
| e | Interest Rate on carrying cost (%) | | 8.75% | 8.00% | 8.00% |
| f | Carrying Cost | (f=d*e) | (15.80) | (18.38) | (20.25) |
| g | Final Closing Gap/ (Surplus) | (c+f) | (225.43) | (252.34) | (274.12) |

- (g) The Commission observed that the Petitioner had a standalone revenue surplus in each year from FY 2016-17 to FY 2019-20. Further, it is observed that the projected standalone surplus for FY 2022-23 and cumulative revenue surplus till FY 2022-23 at existing tariff is expected to be INR 2.63 Cr and INR 275.26 Cr respectively. Accordingly, the Commission has rationalised the tariff for FY 2022-23.
- (h) In view of the same, the Commission approves rationalisation in the retail tariff for existing categories. Even after the changes, the projected standalone revenue surplus at the end of FY 2022-23 is expected to be INR 1.53 Cr and net reduction of tariff is to the tune of around 1%.
- (i) The Commission has approved the Average Billing Rate (ABR) of INR 5.18/kWh against the approved Average Cost of Supply (ACoS) of INR 5.17/kWh.
- 5) This Order shall come into force with effect from 1st July 2022 and shall, unless amended or revoked, continue to be in force till further orders of the Commission.
- 6) The licensee shall publish the Tariff Schedule and salient features of Tariff as determined by the Commission in this Order within one week of receipt of the Order in three daily newspapers in the respective local languages of the region, besides English, having wide circulation in their respective areas of supply and also upload the Tariff Order on its website.
- 7) Ordered accordingly, the attached documents giving detailed reasons, grounds and conditions are an Integral part of this Order.

Sd/-

(Jyoti Prasad)

Member

Place: Gurugram

Date: 11th July 2022

Certified Copy



(Rakesh Kumar)
Secretary, JERC