

**CHHATTISGARH STATE ELECTRICITY REGULATORY COMMISSION
RAIPUR**



Chhattisgarh State Power Distribution Co. Ltd.	P. No. 66/2017(T)
Chhattisgarh State Power Transmission Co. Ltd	P. No. 67/2017(T)
Chhattisgarh State Load Despatch Centre	P. No. 68/2017(T)
Chhattisgarh State Power Generation Co. Ltd.	P. No. 69/2017(T)

**Present: Narayan Singh, Chairman
 Arun Kumar Sharma, Member**

In the matter of –

1. Chhattisgarh State Power Distribution Company Ltd. (CSPDCL) Petition for provisional true up for FY 2016-17 and determination of Tariff for FY 2018-19;
2. Chhattisgarh State Power Transmission Company Ltd. (CSPTCL) Petition for provisional true up for FY 2016-17;
3. Chhattisgarh State Load Despatch Centre (CSLDC) Petition for provisional true up for FY 2016-17;
4. Chhattisgarh State Power Generation Company Ltd. (CSPGCL) Petition for provisional true up for FY 2016-17.

ORDER
(Passed on March 26, 2018)

1. As per provisions of the Electricity Act, 2003 (hereinafter referred as 'the Act') and the Tariff Policy, the Commission has notified the Chhattisgarh State Electricity Regulatory Commission (Terms and Conditions for determination of tariff according to Multi-Year Tariff principles and Methodology and Procedure for determination of Expected revenue from Tariff and Charges) Regulations, 2015 (hereinafter referred as 'CSERC MYT Regulations, 2015') for determination of tariff for the Generating Company, Licensees, and Chhattisgarh State Load Despatch Centre (CSLDC).
2. This Order is passed in respect of the Petitions filed by the (i) Chhattisgarh State Power Distribution Company Ltd. (CSPDCL) for approval of provisional true up for FY 2016-17, and determination of tariff for FY 2018-19, (ii) Chhattisgarh State Power Transmission Company Ltd. (CSPTCL) for approval of provisional true up for FY 2016-17, (iii) Chhattisgarh State Load Dispatch Centre (CSLDC) for approval of provisional true up for FY 2016-17, and (iv) Chhattisgarh State Power Generation Company Ltd. (CSPGCL) for approval of provisional true up for FY 2016-17.
3. This Order is passed under the provisions of Section 32(3), Section 45, and Section 62 read with Section 86(1) of the Act. This combined Order is passed by the Commission on the four separate Petitions filed by CSPDCL, CSPTCL, CSLDC and CSPGCL, after having considered all the information and documents filed along with the said Petitions, the information submitted to the Commission after Technical Validation, and after having heard the applicant Companies, the consumers, their representatives and other stakeholders in the Public Hearing held by the Commission.
4. The Petitions were made available on the website of the Commission as well as the Petitioners. The Petitions were also available at the offices of the Petitioners. A public notice along with the gist of the Petitions was also published in the newspapers. Suggestions/objections were invited as per the procedure laid down in the Regulations. Further, the Commission conducted hearings at Raipur on the Petitions on March 6, 2018, March 7, 2018 and March 8, 2018. The Commission also convened a meeting with Members of the State Advisory Committee on January 19, 2018 for seeking their valuable suggestions and comments. Taking into account all the

suggestions/objections and after performing necessary due diligence on each of the issues, the Commission has finalised its views.

5. The Commission has undertaken the provisional true up for FY 2016-17 for CSPDCL, CSPTCL, CSLDC, and CSPGCL, in accordance with the provisions of the CSERC MYT Regulations, 2015 and based on the Provisional Accounts submitted by the Utilities. The final True-up for FY 2016-17 shall be undertaken after filing of True-up Petitions by Utilities based on audited Annual Accounts for FY 2016-17, subject to prudence check.
6. In the Multi-Year Tariff (MYT) Order passed on March 31, 2016, the Commission had approved the ARR and Tariff for the Control Period from FY 2016-17 to FY 2020-21 for CSPGCL, CSPTCL, CSLDC and CSPDCL, in accordance with the provisions of the CSERC MYT Regulations, 2015. Further, the Commission passed the Tariff Order for FY 2017-18 for CSPDCL on March 31, 2017. For CSPDCL, the total power purchase cost has been revised for FY 2018-19, based on the revised sales projections and energy requirement. Also, Non-Tariff Income for CSPDCL for FY 2018-19 has been revised based on provisional income earned in FY 2016-17.
7. The Revenue Gap/(Surplus) of CSPGCL, CSPTCL and CSLDC arising out of provisional True-up for FY 2016-17, along with corresponding carrying/holding cost, have been considered while computing the cumulative Revenue Gap/(Surplus) to be allowed for CSPDCL for FY 2018-19.
8. After applying the holding cost on the Revenue Surplus of CSPTCL for FY 2016-17 arising after provisional True-up, the total Revenue Surplus up to FY 2018-19 has been approved as Rs. 29.98 Crore. After applying the holding cost on Revenue Surplus of CSPGCL for FY 2016-17 arising after provisional true-up, the total Revenue Surplus up to FY 2018-19 has been approved as Rs. 279.52 Crore. After applying the holding cost on Revenue Surplus of CSLDC for FY 2016-17 arising after provisional true-up, the total Revenue Surplus up to FY 2018-19 has been approved as Rs. 1.26 Crore.
9. After applying the carrying cost on Revenue Gap of CSPDCL for FY 2016-17 arising after provisional true-up, the total Revenue Gap up to FY 2018-19 has been approved as Rs. 2357.60 Crore. The combined Revenue Gap/Surplus of CSPDCL, CSPTCL,

CSPGCL, and CSLDC for FY 2016-17 along with carrying/holding cost has been considered in the ARR of CSPDCL for FY 2018-19.

10. For CSPGCL, the ARR for FY 2018-19 was approved in the MYT Order dated March 31, 2016. The Commission in Tariff Order for FY 2017-18 dated March 31, 2017 has revised the Energy Charge Rate for CSPGCL's Generating Stations for FY 2017-18. The same energy charge rates are proposed to be continued for FY 2018-19. The Annual Fixed Cost (AFC) and Energy Charge Rate (ECR) for CSPGCL stations for FY 2018-19 have been approved by the Commission as under:

Thermal Power Stations

Sl.	Particulars	Units	FY 2018-19				
			KTPS	HTPS	DSPM	KWTPP	Marwa
1	Annual Fixed Cost	Rs. Crore	297.12	534.73	491.27	701.94	1871.72*
2	Energy Charge Rate (ex-bus power plant basis)	Rs/kWh	1.927	1.487	1.545	1.264	1.20*
3	Contribution to P&G	Rs. Crore	55.17	57.11	9.38	9.24	20.86

*AFC and ECR for Marwa TPP is Provisional

Hydro Power Station (Hasdeo Bango)

Sl. No.	Particulars	Units	FY 2018-19
1	Approved Annual Fixed Cost	Rs. Crore	25.97
2	Approved Net Generation	MU	271.26
3	Approved Tariff	Rs./kWh	0.957
4	Contribution to P&G	Rs. Crore	3.81

11. For CSPTCL, the Commission had determined the ARR of Rs. 993.46 Crore for FY 2018-19 in the MYT Order dated March 31, 2016. The Transmission Charge for FY 2018-19 shall be as under:

Sl.	Particulars	Units	FY 2018-19
1	ARR for CSPTCL	Rs. Crore	993.46
2	Less: Past year cumulative revenue surplus	Rs. Crore	29.98
3	Net Approved ARR	Rs. Crore	963.48
4	Monthly Transmission Charges for Medium-term and Long-term Open Access Consumers	Rs. Crore/month	80.29
5	Short-term Open Access Charges	Rs/kWh	0.3492

Further, Transmission Losses of 3.22% for the energy scheduled for transmission at the point or points of injection shall be recoverable from Open Access customers.

12. For CSLDC, the Commission had determined the ARR of Rs. 14.79 Crore for FY 2018-19 in the MYT Order dated March 31, 2016. System Operation Charges are approved as Rs. 11.83 Crore and Intra-State Market Operation Charges as Rs. 2.96 Crore for FY 2018-19.
13. CSPDCL has filed revised ARR for FY 2018-19 of Rs. 11,422.33 Crore. The Commission after prudence check and due scrutiny has approved the ARR at Rs. 11,386.14 Crore.
14. The State Government subsidy has not been taken into account while approving the ARR of CSPDCL for FY 2018-19.
15. CSPDCL, in its Petition, has sought approval for cumulative Revenue Gap of Rs. 2,584.89 Crore for FY 2018-19. The Commission after prudence check and scrutiny has arrived at a cumulative Revenue Gap of Rs. 2,046.83 Crore for FY 2018-19 after adjusting the cumulative Revenue Gap/(Surplus) of CSPDCL, CSPGCL, CSPTCL, and CSLDC. Based on the above, the Commission has approved the revised Tariff Schedule.
16. The Commission has made the following changes in this Order as compared to the Tariff and Tariff categories approved in the previous Tariff Order:
 - a) The tariff for most of the consumer categories has been reduced in order to adjust the Revenue Surplus arising after considering the cumulative Revenue Gap/(Surplus).
 - b) The tariffs for all consumer categories have been approved in such a manner that the cross-subsidies are reduced gradually, and the tariffs for most of the consumer categories is within the band of $\pm 20\%$ of Average Cost of Supply, as stipulated in the Tariff Policy notified by the Government of India.
 - c) A new sub-category has been created under LV 4 – LV Agriculture Allied Activities named as *LV-4.1 (A): up to 25 HP*. Similarly, a new sub-category under LV 5 – LV Industry has also been created and named as *LV 5.2.3- LV Other Industries (Above 100 HP up to 150 HP)*.

- d) In order to incentivise consumption during non-peak hours and also to increase the consumption of surplus power available in the State, Time of Day Tariff (TOD) has been revised. For consumers covered in TOD tariff, the Energy Charges in the Peak Period shall be billed at 120% of normal rate of Energy Charge instead of existing level of 115%. Similarly, during Non-Peak Period, Energy Charges shall be billed at 75% of normal rate of Energy Charge instead of existing level of 90%.
- e) For HV-4 Steel Industries, the limit of Load Factor for 33 kV and 11 kV supply sub-categories has been increased to 25% from the existing level of 15%, for exclusive Rolling Mills consumers.
- f) A discount of 5% on monthly electricity bill (Fixed Charges + Energy Charges) has been given to Dispensaries, Clinics and Hospitals other than Government Hospitals.
- g) To promote cashless transactions, all banking charges/online payment charges for payment through net banking or debit/credit cards, have been waived off for consumers. Such charges shall be borne by CSPDCL.
- h) For ready reference, the Tariff Schedule applicable in reference to this Order is appended herewith as **Schedule**.
17. The Order will be applicable from 1st April, 2018 and will remain in force till March 31, 2019 or till the issue of next Tariff Order, whichever is later.
18. The Commission directs the Companies to take appropriate steps to implement the Tariff Order.

Sd/-
(ARUN KUMAR SHARMA)
MEMBER

Sd/-
(NARAYAN SINGH)
CHAIRMAN