

**A. Background for Suo-motu ARR/Tariff Determination for DCPD and RCPD**

1. The Hon'ble Appellate Tribunal for Electricity (APTEL) passed its Judgment dated 06.05.2022 in Appeal No. 72 of 2016 and 100 of 2016 filed by Jindal Steel and Power Ltd. (JSPL), setting aside certain Orders of the Commission, and directing the Commission to pass fresh and reasoned orders within 4 months on the following aspects:
  - a. *“determine the available surplus capacity and its pattern;*
  - b. *carry out technical analysis for supply of surplus power for the distribution business from the Raigarh CPP and Dongamahua CPP;*
  - c. *allow JSPL to procure required quantum of electricity through competitive bidding for long-term;*
  - d. *determine the tariff for the Distribution Licensee i.e. JSPL from the FY 2011-12, on the basis of already available data and data further furnished by JSPL or otherwise gathered suo moto by the Commission.”*
2. Accordingly, the Commission directed JSPL to submit the relevant data for examination of surplus power in respect of Donga Mahua Captive Power Plant (DCPP) and Raigarh Captive Power Plant (RCPD) for the period from FY 2011-12 to FY 2020-21. JSPL has submitted the relevant data and the Commission is in the process of determining whether there is surplus energy available from RCPD and/or DCPP for each of the years from FY 2011-12 to FY 2020-21.
3. In case surplus quantum is arrived at from RCPD and/or DCPP for any of the years under consideration, the generation cost/ARR for RCPD and DCPP will have to be determined, for consideration towards the power purchase cost of JSPL-D.
4. Hence, vide its letter dated 16.06.2022, the Commission directed JSPL to file the Truing up Petitions with all supporting data for Donga Mahua Captive Power Plant (DCPP) and Raigarh Captive Power Plant (RCPD) for the period from FY 2011-12 to FY 2020-21, in accordance with the Judgment of the Hon'ble APTEL dated 06.05.2022. The Commission also directed JSPL to file the Petitions for determination of Tariff for DCPP and RCPD for the MYT Control Period from FY 2022-23 to FY 2024-25.
5. JSPL did not submit the requisite Petitions and data.
6. In order to comply with the aforesaid Hon'ble APTEL Judgment, the Commission decided to take suo-motu initiative to determine the generation cost of DCPP, and registered a suo-motu Petition No. 60 of 2022 for determination of generation cost of DCPP from FY 2022-23 to FY 2024-25 along with true-up from FY 2011-12 to FY 2020-21. Similarly, the suo-

motu Petition No. 61 of 2022 for determination of generation cost of RCPP from FY 2022-23 to FY 2024-25 along with true-up from FY 2011-12 to FY 2020-21.

7. During the Hearing held on 24.08.2022, JSPL maintained that that they do not have surplus power in RCPP as entire power is used for captive requirement, therefore, there is nothing to submit for determination of generating cost from RCPP for FY 2022-23 to 2024-25 and also for truing up of previous years. JSPL maintained that determination of generating cost is not necessary for RCPP.
8. During the Hearing held on 06.09.2022, JSPL submitted that it has already submitted all the available information to the Commission in Petition No. 46 of 2022. JSPL added that the Commission may proceed for tariff determination based on the information available with it.
9. JSPL has submitted the Petitions for the Financial Years from FY 2011-12 to FY 2015-16 in Case No. 47 of 2015. In this petition data is available till FY 2015-16.
10. Accordingly, the Commission hereby proceeds to suo-motu determine the ARR/Generation Tariff of DCCP for the period from FY 2016-17 to FY 2020-21 and of RCPP for the period from FY 2011-12 to FY 2020-21, in accordance with the applicable CSERC MYT Regulations and available data, and based on appropriate assumptions wherever necessary.

**B. Methodology adopted by the Commission for estimating the expenses of Donga Mahua Captive Power Plant (DCPP) for the Financial Years from 2016-17 to 2020-21**

11. JSPL has submitted the Petitions for the Financial Years from FY 2011-12 to FY 2015-16 in Case No. 47 of 2015.
12. The Commission is in the process of undertaking prudence check of the expenses claimed by JSPL for DCPP for the period from FY 2011-12 to FY 2015-16.
13. JSPL has not filed any Petition for True-up for DCPP for the period from FY 2016-17 to FY 2020-21.
14. In the Petition filed by JSPL-D for true-up of ARR for FY 2016-17, JSPL-D has provided its assumptions for computing the tariff of DCPP, as it has considered entire power purchase from DCPP for FY 2016-17. Though this is strictly not a Petition filed by the Generator, i.e., DCPP, for the purpose of this suo-motu Petition, the Commission has relied on the values for FY 2016-17 as submitted by JSPL-D, wherever appropriate.
15. The Commission has proposed the closing values of FY 2016-17 as submitted by JSPL and as explained above, as the opening values for FY 2017-18 for the purpose of this Suo-motu Petition for DCPP for the period from FY 2016-17 to FY 2020-21.
- 16. The assumptions, principles, and values shall be subject to modification to the extent of modification done by the Commission after true-up for the period from FY 2011-12 to FY 2015-16 and the view taken by the Commission on JSPL's submissions for DCPP for FY 2016-17, based on prudence check in accordance with the applicable CSERC Tariff Regulations, and any additional data that may become available to the Commission during the regulatory proceedings.**
- 17. The Commission proposes following methodologies and principles for estimating the expenses for DCPP for the period from FY 2016-17 to FY 2020-21:**
  - I. The GFA for FY 2016-17 has been submitted by JSPL-D as Rs. 2148.65 Crore. JSPL has not submitted any supporting data for this claim of GFA of Rs. 2148.65 Crore, which translates to capital cost of Rs. 3.98 Crore per MW. For the period from FY 2017-18 to FY 2020-21, the Commission has proposed the GFA to remain at the same level, i.e., Rs. 2148.65 Crore.
  - II. The Depreciation for FY 2016-17 has been proposed as Rs. 110.34 Crore, as submitted by JSPL-D. The average depreciation rate of 5.10% from FY 2013-14 to FY 2016-17 as

proposed by JSPL has been used to estimate the depreciation for FY 2017-18 to FY 2020-21, which works out to Rs. 109.58 Crore.

- III. The opening loan for FY 2016-17 has been proposed equal to the closing loan for FY 2015-16, while the loan addition for each year has been proposed as 70% of the addition to GFA for the respective year. The loan repayment for each year has been proposed equal to the depreciation for the respective year, in accordance with the CSERC MYT Regulations, 2015. The interest rate for the respective year has been proposed same as that considered in the true-up for JSPL-T for the respective years and as submitted by JSPL-T, since the same interest rate is based on interest rates for JSPL as a whole.
- IV. The opening equity for FY 2016-17 has been proposed equal to the closing equity for FY 2015-16, while the equity addition for each year has been proposed as 30% of the addition to GFA for the respective year. The rate of Return on Equity has been proposed as 15.5% in accordance with the CSERC MYT Regulations, 2015. The rate of Return on Equity has not been grossed up with Income Tax rate, since, there is no documentary evidence that DCPD has paid Income Tax, and for the applicable rate of Income Tax, if any.
- V. The Installed Capacity of DCPD has been proposed as 540 MW (135 MW x 4 Units). The date of Commercial Operation (COD) of the 4 Units has been proposed as submitted by JSPL, as under:
  - a. Unit 1: 04.09.2010
  - b. Unit 2: 14.11.2010
  - c. Unit 3: 01.01.2012
  - d. Unit 4: 18.01.2012
- VI. The normative Operation & Maintenance (O&M) expenses for FY 2016-17 have been proposed as Rs. 32.88 lakh/MW as claimed by JSPL. The O&M norms for FY 2017-18 to FY 2018-19 have been derived by escalating the O&M norm for FY 2016-17 by the applicable Consumer Price Index (CPI) and Wholesale Price Index (WPI) in the ratio of 60:40, in accordance with the CSERC MYT Regulations, 2015.
- VII. The Interest on Working Capital (IoWC) has been estimated in accordance with the CSERC MYT Regulations, 2015. In the absence of data about Repair & Maintenance (R&M) expenses, Maintenance Spares @40% of R&M expenses have been estimated by considering R&M expenses as 20% of normative O&M expenses.
- VIII. JSPL has not considered any Non-Tariff Income (NTI) for any of the years. However, some amount of NTI is inevitable while generating electricity. Hence, the NTI for the period from FY 2016-17 to FY 2020-21 has been estimated as 0.4% of the revenue, based on the pattern

observed in case of the State-owned Generation Company, i.e., Chhattisgarh State Power Generation Company Ltd. (CPSGCL), based on its audited accounts.

- IX. The actual generation from DCPD for the period from FY 2016-17 to FY 2020-21 has been proposed based on the data submitted by JSPL for computation of surplus from captive Units.
- X. The Normative Plant Availability Factor (NPAF) for the period from FY 2011-12 to FY 2015-16 are proposed as submitted by DCPD in its Petition. The NPAF for FY 2016-17 is proposed as submitted by JSPL-D in its Petition, and the same NPAF is proposed for the period from FY 2017-18 to FY 2020-21.
- XI. The Plant Availability Factor (PAF) for the period from FY 2016-17 to FY 2020-21 has been proposed equal to the computed Plant Load Factor (PLF) for the respective year, based on the generation data submitted by JSPL, which is also the approach adopted by DCPD in its Petition for the period from FY 2011-12 to FY 2015-16.
- XII. The normative Auxiliary Consumption for FY 2016-17 has been proposed as 11.50% as claimed by JSPL. The same Auxiliary Consumption norms have been proposed for FY 2017-18 to FY 2020-21.
- XIII. The Station Heat Rate has been considered as 2450 kcal/kWh in accordance with the CSERC MYT Regulations, 2015.
- XIV. The normative Secondary Oil Consumption for FY 2016-17 have been proposed as 2 ml/kWh as claimed by JSPL. The same Secondary Oil Consumption norms have been proposed for FY 2017-18 to FY 2020-21.
- XV. The Gross Calorific Value (GCV) of Coal and Secondary Oil for the period from FY 2016-17 to FY 2020-21 have been proposed based on the average GCV claimed by DCPD for the period from FY 2011-12 to FY 2015-16. JSPL has not submitted any supporting data for this claim of actual GCV.
- XVI. The price of coal for the period from FY 2016-17 to FY 2020-21 have been proposed based on the average actual coal price of CSPGCL for the same period in terms of Rs/kcal, so that the GCV of coal does not affect the coal cost. The price of Secondary Oil for the period from FY 2016-17 to FY 2020-21 has been proposed based on the average actual price as claimed by DCPD for the period from FY 2011-12 to FY 2015-16. JSPL has not submitted any supporting data for this claim of actual price of Secondary Oil.
- XVII. The summary of the input values estimated by the Commission for DCPD for the period from FY 2016-17 to FY 2020-21 is shown in the Table below:

Sl.	Particulars	Units	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
	<b>Capex Related</b>						
1	GFA	Rs. Cr.	2148.65	2148.65	2148.65	2148.65	2148.65
2	Depreciation	Rs. Cr.	110.34	109.58	109.58	109.58	109.58
3	Opening Loan	Rs. Cr.	959.88	871.29	761.71	652.13	542.55
4	Loan Addition	Rs. Cr.	21.76	0.00	0.00	0.00	0.00
5	Loan Repayment	Rs. Cr.	110.34	109.58	109.58	109.58	109.58
6	Closing Loan	Rs. Cr.	871.29	761.71	652.13	542.55	432.97
7	Interest Rate	%	10.42%	10.42%	10.25%	10.69%	10.30%
8	Opening Equity	Rs. Cr.	635.94	645.27	645.27	645.27	645.27
9	Equity Addition	Rs. Cr.	9.33	0.00	0.00	0.00	0.00
10	Closing Equity	Rs. Cr.	645.27	645.27	645.27	645.27	645.27
11	Rate of Return	%	15.50%	15.50%	15.50%	15.50%	15.50%
	<b>O&amp;M Expenses &amp; IoWC</b>						
12	Installed Capacity	MW	540	540	540	540	540
13	O&M Expense Norm	Rs. Lakh/MW	32.88	34.34	35.63	37.03	38.56
14	Rate of Interest on Working Capital	%	12.80%	12.60%	12.20%	12.55%	11.65%
	<b>Operational Parameters</b>						
15	NAPAF	%	80%	80%	80%	80%	80%
16	PAF	%	59%	56%	38%	43%	41%
17	PLF	%	59%	56%	38%	43%	41%
18	Gross Generation	MU	2803.75	2626.56	1810.99	2018.56	1942.62
19	Auxiliary Consumption	%	11.50%	11.50%	11.50%	11.50%	11.50%
20	Normative SHR	kcal/kWh	2450	2450	2450	2450	2450

Sl.	Particulars	Units	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
21	Normative Secondary Oil Consumption	ml/kWh	2.00	2.00	2.00	2.00	2.00
	<b>Fuel Cost</b>						
22	GCV of Coal	kcal/kg	2137.12	2137.12	2137.12	2137.12	2137.12
23	GCV of Oil	kcal/ml	10.00	10.00	10.00	10.00	10.00
24	Coal Rate (in terms of Heat Value)	Rs/kcal	0.0006	0.0005	0.0006	0.0006	0.0006
25	Price of Coal	Rs/MT	1282	1111	1218	1197	1218
26	Price of Oil	Rs/kL	72000.00	72000.00	72000.00	72000.00	72000.00

**XVIII. The Commission proposes to extend the same approach for estimating the expenses for DCPD for the period from FY 2022-23 to FY 2024-25, in accordance with the applicable CSERC MYT Regulations, 2021.**

**C. Methodology adopted by the Commission for estimating the expenses of Raigarh Captive Power Plant (RCPP) for the Financial Years from 2011-12 to 2020-21**

- I. JSPL has not submitted the Petitions for True-up for RCPP for the period from FY 2011-12 to FY 2020-21.
- II. For RCPP, JSPL has only submitted the Unit-wise Installed Capacity, COD, and Generation for the period from FY 2011-12 to FY 2020-21.
- III. In the absence of any data for RCPP, the Commission has estimated the values for the purpose of determining the Generation Tariff, based on certain assumptions and principles, as explained below.
- IV. **These assumptions, principles, and values shall be subject to modification, based on prudence check in accordance with the applicable CSERC Tariff Regulations and any additional data that may become available to the Commission during the regulatory proceedings.**
- V. **The Commission proposes to adopt the following methodologies and principles for estimating the expenses for RCPP for the period from FY 2011-12 to FY 2020-21:**
- VI. The various Units of RCPP have achieved COD during the period from 1999 to 2006. The Commission has proposed the average Capital Cost for RCPP as Rs. 3 Crore/MW. It may be noted that JSPL has submitted the Capital Cost of DCCP as Rs. 3.98 Crore/MW for Units achieving COD during the period from 2010 to 2012, though no documentary evidence has been submitted by JSPL in support of the same. The GFA for RCPP is thus, estimated as Rs. 852 Crore for each Year from FY 2011-12 to FY 2020-21.
- VII. The depreciation rates applicable were 3.6% till FY 2009-10 and 5.28% thereafter. Further, the applicable CSERC MYT Regulations specify that these depreciation rates shall be applicable for the first 12 years, and the balance depreciation shall be spread over the remaining Useful Life of the asset. The Commission has accordingly estimated the Unit-wise depreciation already accounted for till the close of FY 2010-11, and spread the balance depreciation after 12 years, over the remaining Useful Life of the respective asset, in accordance with the CSERC MYT Regulations.
- VIII. The opening loan for FY 2011-12 has been estimated after reducing the accumulated depreciation till the end of FY 2010-11, as computed above. No loan addition has been proposed for the years under consideration, as no increase in Installed Capacity and addition to GFA has been estimated. The loan repayment for each year has been proposed

equal to the depreciation for the respective year, in accordance with the applicable CSERC MYT Regulations. The interest rate for the period from FY 2011-12 to FY 2015-16 have been proposed as submitted by JSPL for DCPD and for the remaining years, have been proposed same as that considered in the true-up for JSPL-T for the respective years and as submitted by JSPL-T, since the same interest rate is based on interest rates for JSPL as a whole.

- IX. The opening equity for FY 2011-12 has been proposed equal to 30% of the GFA of Rs. 852 Crore. No equity addition has been proposed for the years under consideration, as no increase in Installed Capacity and addition to GFA has been estimated. The rate of Return on Equity has been proposed as 15.5% in accordance with the applicable CSERC MYT Regulations. The rate of Return on Equity has not been grossed up with Income Tax rate, since, there is no documentary evidence that RCPD has paid Income Tax, and for the applicable rate of Income Tax, if any.
- X. The Installed Capacity of RCPD has been submitted by JSPL as 284 MW (25 x 6 + 24 x 1 + 55 x 2). The date of Commercial Operation (COD) of the 9 Units as submitted by JSPL are as under:
  - a. Unit 1 (25 MW): 29.10.1999
  - b. Unit 2 (24 MW): 15.10.2003
  - c. Unit 3 (55 MW): 03.11.2001
  - d. Unit 4 (55 MW): 16.04.2004
  - e. Unit 5 (25 MW): 01.11.2004
  - f. Unit 6 (25 MW): 15.07.2005
  - g. Unit 7 (25 MW): 09.10.2006
  - h. Unit 8 (25 MW): 09.10.2006
  - i. Unit 9 (25 MW): 09.10.2006
- XI. During the Technical Validation Session (TVS) held on 26.07.2022, JSPL informed that the 2 Units of 55 MW capacity are Waste Heat Recovery (WHR) Units.
- XII. The normative Operation & Maintenance (O&M) expenses for each year has been proposed as submitted by JSPL for DCPD for FY 2011-12 to FY 2016-17. The O&M norms for FY 2017-18 to FY 2018-19 have been derived by escalating the O&M norm for FY 2016-17 by the applicable Consumer Price Index (CPI) and Wholesale Price Index (WPI) in the ratio of 60:40, in accordance with the CSERC MYT Regulations, 2015.
- XIII. The Interest on Working Capital (IoWC) has been estimated in accordance with the applicable CSERC MYT Regulations. In the absence of data about Repair & Maintenance

(R&M) expenses, Maintenance Spares @40% of R&M expenses have been estimated by considering R&M expenses as 20% of normative O&M expenses for the period from FY 2016-17 to FY 2020-21.

- XIV. Some amount of NTI is inevitable while generating electricity. Hence, the NTI for the period from FY 2011-12 to FY 2020-21 has been estimated as 0.4% of the revenue, based on the pattern observed in case of the State-owned Generation Company, i.e., Chhattisgarh State Power Generation Company Ltd. (CPSGCL), based on its audited accounts.
- XV. The actual generation from RCPP, including the actual generation from the 110 MW (55 x 2) WHR Units, for the period from FY 2011-12 to FY 2020-21 has been proposed based on the data submitted by JSPL for computation of surplus from captive Units. These WHR Units use the waste heat generated by the generation from the other Turbo-Generator (TG) Units to generate electricity, and hence, there is no fuel cost involved in generation from these 2 Units of 55 MW each. Accordingly, the fuel cost of generation has been proposed only for the balance 174 MW (284 – 110).
- XVI. The Normative Plant Availability Factor (NAPAF) for the period from FY 2011-12 to FY 205-16 are proposed at the same level as submitted by DCPD in its Petition. The NAPAF for FY 2016-17 is proposed as submitted for DCPD by JSPL-D in its Petition, and the same NAPAF is proposed for the period from FY 2017-18 to FY 2020-21.
- XVII. The Plant Availability Factor (PAF) for the period from FY 2011-12 to FY 2020-21 has been proposed equal to the computed Plant Load Factor (PLF) for the respective year, based on the generation data submitted by JSPL.
- XVIII. The normative Auxiliary Consumption for the period from FY 2011-12 to FY 2015-16 and from FY 2016-17 to FY 2021-21 have been proposed as claimed by JSPL for DCPD.
- XIX. The Station Heat Rate has been considered as 2300 kcal/kWh as computed by JSPL for DCPD for the period from FY 2011-12 to FY 2015-16 and 2450 kcal/kWh in accordance with the CSERC MYT Regulations, 2015.
- XX. The normative Secondary Oil Consumption for the period from FY 2011-12 to FY 2015-16 and from FY 2016-17 to FY 2021-21 have been proposed as claimed by JSPL for DCPD.
- XXI. The GCV of Coal and Secondary Oil for the period from FY 2011-12 to FY 2015-16 have been proposed based on the average GCV claimed by DCPD for the period from FY 2011-12 to FY 2015-16. For the period from FY 2016-17 to FY 2020-21, the GCV of Coal and Secondary Oil have been proposed based on the average GCV claimed by DCPD for the period from FY 2011-12 to FY 2015-16 though JSPL has not submitted any supporting data for this claim of actual GCV.

- XXII. The price of coal for the period from FY 2011-12 to FY 2015-16 have been proposed based on the coal price claimed by DCPD for the same period. For the period from FY 2016-17 to FY 2020-21, the price of coal has been considered based on the average actual coal price of CSPGCL for the same period in terms of Rs/kcal, so that the GCV of coal does not affect the coal cost. The price of Secondary Oil for the period from FY 2011-12 to FY 2020-21 has been proposed as estimated for DCPD for the same period.
- XXIII. The summary of the input values estimated by the Commission for RCPD for the period from FY 2011-1 to FY 2020-21 is shown in the Table below:

Sl.	Particulars	Units	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
	<b>Capex Related</b>											
1	GFA	Rs. Cr.	852.00	852.00	852.00	852.00	852.00	852.00	852.00	852.00	852.00	852.00
2	Depreciation	Rs. Cr.	43.63	43.63	40.22	40.22	38.54	33.77	32.42	28.35	28.35	28.35
3	Opening Loan	Rs. Cr.	352.37	308.74	265.11	224.90	184.68	146.14	112.36	79.95	51.60	23.26
4	Loan Addition	Rs. Cr.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Loan Repayment	Rs. Cr.	43.63	43.63	40.22	40.22	38.54	33.77	32.42	28.35	28.35	23.26
6	Closing Loan	Rs. Cr.	308.74	265.11	224.90	184.68	146.14	112.36	79.95	51.60	23.26	0.00
7	Interest Rate	%	11.00%	11.55%	11.79%	11.88%	11.88%	10.42%	10.42%	10.25%	10.69%	10.30%
8	Opening Equity	Rs. Cr.	255.6	255.6	255.60	255.60	255.60	255.60	255.60	255.60	255.60	255.60
9	Equity Addition	Rs. Cr.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Closing Equity	Rs. Cr.	255.6	255.60	255.60	255.60	255.60	255.60	255.60	255.60	255.60	255.60
11	Rate of Return	%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
	<b>O&amp;M Expenses &amp; IoWC</b>											
12	Installed Capacity	MW	284	284	284	284	284	284	284	284	284	284
13	O&M Expense Norm	Rs. Lakh/MW	20.34	21.51	28.73	30.12	32.53	32.88	34.34	35.63	37.03	38.56

Sl.	Particulars	Units	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
14	Rate of Interest on Working Capital	%	14.75%	14.45%	14.75%	14.75%	14.05%	12.80%	12.60%	12.20%	12.55%	11.65%
<b>Operational Parameters</b>												
15	NAPAF	%	75%	75%	75%	80%	80%	80%	80%	80%	80%	80%
16	PAF	%	86%	86%	76%	88%	66%	58%	57%	57%	52%	53%
17	PLF	%	86%	86%	76%	88%	66%	58%	57%	57%	52%	53%
18	Gross Generation	MU	2132.52	2137.48	1887.74	2187.06	1642.23	1438.3	1418.12	1421.74	1302.71	1315.38
19	Auxiliary Consumption	%	10.00%	10.00%	10.00%	10.00%	10.00%	11.50%	11.50%	11.50%	11.50%	11.50%
20	Normative SHR	kcal/kWh	2300	2300	2300	2300	2300	2450	2450	2450	2450	2450
21	Normative Secondary Oil Consumption	ml/kWh	1.50	1.50	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00
<b>Fuel Cost</b>												
22	GCV of Coal	kcal/kg	2152.50	2033.42	1992.32	2253.69	2253.69	2137.12	2137.12	2137.12	2137.12	2137.12
23	GCV of Oil	kcal/ml	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Sl.	Particulars	Units	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
24	Coal Rate (in terms of Heat Value)	Rs/kcal	0.0003	0.0003	0.0004	0.0004	0.0004	0.0006	0.0005	0.0006	0.0006	0.0006
25	Price of Coal	Rs/MT	660	710	820	860	939	1282	1111	1218	1197	1218
26	Price of Oil	Rs/kL	60000	80000	80000	70000	70000	72000.00	72000.00	72000.00	72000.00	72000.00

**XXIV. The Commission proposes to extend the same approach for estimating the expenses for RCPP for the period from FY 2022-23 to FY 2024-25, in accordance with the applicable CSERC MYT Regulations, 2021.**

#### **D. Information to Stakeholders**

**Interested stakeholders may make their submissions with detailed rationale and supporting documentation, wherever applicable, on the methodologies and principles proposed by the Commission for estimating the expenses for DCPD for the period from FY 2016-17 to FY 2020-21, within 21 days of publication of this Notice, by email or in hard copy...**