

**Pro-forma for furnishing Actual annual performance/operational data for the Hydro Electric generating stations for the 5-year period from 2017-18 to 2021-22**

	Particulars	Units	2017-18	2018-19	2019-20	2020-21	2021-22	
1	Name of Company		North Eastern Electric Power Corporation Limited (NEEPCO LTD.)					
2	Name of Station		Panyor Lower Hydro Power Station (PLHPS) earlier Ranganadi HPS					
3	Installed Capacity and Configuration	(MW)	405 MW (3 X 135 MW) Run-off-River Hydro Power Station					
3.1	Date of Commercial Operation - Unit Wise	Unit # 1	12-Feb-2002					
		Unit # 2	12-Feb-2002					
		Unit # 3	12-Apr-2002					
3.2	Effective COD (405 MW)		<b>12-Apr-2002 (405 MW)</b>					
4	Station Location	Under ground or Surface	Surface					
	Stage							
5	Type of Excitation System		Static Excitation System					
6	Live Storage Capacity	(Million Cubic)	5.70	5.70	3.28	3.28	3.28	
7	Rated Head	Metres	304					
8	Head at Full Reservoir Level (FRL)	Metres	322					
9	Head at Minimum Draw down Level (MDDL)	Metres	290					
10	MW Capability at FRL	MW	405					
11	MW Capability at MDDL	MW	330					
12	<b>Cost of spares :</b>							
12.1	Cost of spares capitalized in books of accounts	(Rs. Lakhs)	316.02	579.75	0.00	65.14	0.00	
12.2	Cost of spares included in the capital cost for the purpose of tariff	(Rs. Lakhs)	44.82169	524.57 {395.06 utilised in FY 2019-20}}		11.18 (will be taken up in the truing up petition)	0	
	<b>Period</b>							
13	<b>Generation :</b>							
13.1	Actual Gross Generation at Generator Terminals	(MU)	1416.72	1051.83	1289.42	1399.26	1154.28	
13.2	Actual Net Generation Ex-bus including free power	(MU)	1408.63	1047.49	1278.35	1391.57	1145.01	
13.3	Scheduled generation Ex-bus including free power	(MU)	1392.91	1031.94	1272.23	1382.60	1142.01	
14	Actual Auxiliary Energy Consumption excluding colony consumption	(MU)	4.14	3.50	4.02	3.50	3.83	
15	Actual Energy supplied to Colony from the station	(MU)	3.82	3.68	4.22	4.21	3.64	
16	Average Declared Capacity (DC) during the year	(MW)	375.6	330.8	339.7	382.9	384.0	
	Actual Declared Capacity	MU	1388.74715	1032.843053	1278.025625	1385.10281	1142.875425	
	Deemed Declared Capacity							
	Actual energy supplied to beneficiaries	MU	1392.91	1022.77	1256.05	1382.60	1142.01	
	Actual energy supplied in DSM	MU	15.7180	15.5513	6.1198	8.9693	2.9927	
	Actual energy supplied in exchange	MU		9.16978	16.181065			
17	<b>Weighted Average duration of outages ( Unit-wise details)</b>							
17.1	Scheduled outages	Unit # 1	(Days)	12.0	50.4	46.60	8.3	9.2
		Unit # 2	(Days)	8.9	50.4	54.10	13.3	8.2
		Unit # 3	(Days)	41.6	57.3	68.30	8.3	0.0
17.2	Forced outages	Unit # 1	(Days)	5.5	11.6	4.40	0.2	8.5
		Unit # 2	(Days)	7.4	11.1	0.23	0.4	0.0
		Unit # 3	(Days)	7.6	12.1	0.36	15.9	1.2
	Within the control of generator							
	Beyond the control of generator							
	Shortfall in energy claimed / allowed	MU	92.9730	457.8560	220.2700	110.4340	139.4470	
18	Cost of spares actually consumed	(Rs. Lakhs)						
19	Average stock of spares	(Rs. Lakhs)						

Month wise Design Energy (Existing)

Annexure-III contd. SH 2/3

Month	Period	Design Energy as approved by CEA (MU)	Month	Period	Design Energy as approved by CEA (MU)
April	1-10	41.83	October	1-10	35.87
	11-20	41.83		11-20	35.87
	21-30	41.83		21-31	39.45
May	1-10	38.75	November	1-10	27.03
	11-20	38.75		11-20	27.03
	21-31	42.62		21-30	27.03
June	1-10	40.72	December	1-10	28.46
	11-20	40.72		11-20	28.46
	21-30	40.72		21-31	31.30
July	1-10	79.81	January	1-10	25.49
	11-20	79.81		11-20	25.49
	21-31	87.79		21-31	28.04
August	1-10	72.57	February	1-10	24.56
	11-20	72.57		11-20	24.56
	21-31	79.83		21-28	19.65
September	1-10	52.10	March	1-10	27.39
	11-20	52.10		11-20	27.39
	21-30	52.10		21-31	30.13
			Total		<b>1509.66</b>

Storage Hydro plants shall also furnish actual monthly average peaking generation in MW achieved during the period 2017-18 to 2021-22 against the monthly average peaking capability approved by CEA as per following format:

Month	Expected Avg. of daily 3-hour peaking capacity as approved by CEA	Actual monthly average of daily 3-hour peaking (MW) for the period 2017-18 to 2021-22
April	NA	290.4
May	NA	396.8
June	NA	392.9
July	NA	397.3
August	NA	400.8
September	NA	400.0
October	NA	394.1
November	NA	387.5
December	NA	383.2
January	NA	349.5
February	NA	219.9
March	NA	261.8

- 1 List of beneficiaries/customers along with allocation by GoI including (allocation of unallocated share) / capacity as contracted should also be furnished separately for each generating station.
- 2 Declared Capacity should be as per Regulation CERC Tariff Regulations including month wise information may be furnished.
- 3 Any relevant point or a specific fact having bearing on performance or operating parameters may also be highlighted or brought to the notice of the Commission.

**Month wise Design Energy (Post Design Energy Modification) from 2021-22**

Month	Period	Design Energy as approved by CEA (MU)		Month	Period	Design Energy as approved by CEA (MU)	
April	1-10		83.80	October	1-10		89.99
	11-20				11-20		
	21-30				21-31		
May	1-10		90.44	November	1-10		65.90
	11-20				11-20		
	21-31				21-30		
June	1-10		231.56	December	1-10		66.86
	11-20				11-20		
	21-30				21-31		
July	1-10		190.02	January	1-10		61.85
	11-20				11-20		
	21-31				21-31		
August	1-10		108.39	February	1-10		47.43
	11-20				11-20		
	21-31				21-28		
September	1-10		193.28	March	1-10		64.21
	11-20				11-20		
	21-30				21-31		
				<b>Total</b>			<b>1293.73</b>

**Annexure –IV**

**PLANT AVAILABILITY/SCHEDULED PLANT LOAD FACTOR ACHIEVED**

Generating company: North Eastern Electric Power Corporation Limited (NEEPCO LTD.)

Name of Generating station: Panyor Lower Hydro Power Station (PLHPS)

Installed Capacity (MW) : 405

Normative Annual Plant Availability Factor (%) approved by Commission : 85% up-to 2018-19 and 88% from 2019-20

**Plant Availability Factor Achieved (%)**

Month	2017-18	2018-19	2019-20	2020-21	2021-22	Reasons for shortfall in PAF achieved vis-a-vis NAPAF
April	67.34	99.42	4.49	100.01	93.27	MIV Disc Seal problem/replacement from 09/02/2019 to 28/04/2019. APM, labyrinth replacement & Capital Maintenance of Turbine from 10/02/2020 to 19/03/2020
May	95.86	99.44	99.65	99.42	100.11	
June	99.04	89.55	100.09	100.68	99.14	
July	98.52	98.96	101.38	101.09	100.03	
August	100.45	100.08	99.14	100.23	100.05	
September	100.15	100.11	99.25	100.12	99.26	
October	99.44	100.01	100.01	92.63	98.88	
November	100.01	93.32	98.92	91.30	99.84	
December	90.53	100.01	100.01	100.01	87.91	
January	89.47	86.10	89.47	91.58	83.38	
February	84.55	18.51	44.97	74.48	94.94	
March	97.55	0.00	75.68	92.85	92.63	
Annual	93.67	82.50	84.73	95.51	95.77	

**Plant Load Factor Achieved (%)**

Month	2017-18	2018-19	2019-20	2020-21	2021-22	Reasons for shortfall in PLF achieved vis-a-vis Target PLF
April	NA	NA	NA	NA	NA	
May	NA	NA	NA	NA	NA	
June	NA	NA	NA	NA	NA	
July	NA	NA	NA	NA	NA	

August	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA
January	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA
Annual	NA	NA	NA	NA	NA

**Details of operation & Maintenance expenses (to be filled by each Hydro generating station)**

Name of Generation Company:

Name of the hydro-electric station:

PANYOR LOWER HYDRO POWER STATION 405 MW

Rs. Lakh

(A)	Break up of O&M expenses	2017-18	2018-19	2019-20	2020-21	2021-22
1.	Consumption of stores & spares	836.37	465.24	673.51	230.70	530.39
2.	Repair and Maintenance	1161.84	1272.60	1539.94	1412.27	1563.60
2.1	For Dam , Intake, WCS, De- silting chamber					
2.2	For Power House and all other works					
	<b>Sub-Total (Repair and Maintenance)</b>	1998.22	1737.84	2213.45	1642.97	2093.99
3.	Insurance	169.77	164.82	214.05	628.07	697.17
4.	Security	420.50	509.50	488.49	482.26	443.63
5.	<b>Administrative expenses</b>					
5.1	Rent	0.00	0.00	0.00	0.00	0.00
5.2	Electricity charges	0.00	0.00	0.00	0.00	0.00
5.3	Traveling & conveyance	37.48	37.26	30.28	10.18	12.24
5.4	Telephone, Postage etc., Communication	4.05	2.79	1.68	1.25	1.49
5.5	Advertisement	5.32	7.37	4.16	2.22	7.75
5.6	Donations	0.00	0.00	0.00	0.00	0.00
5.7	Entertainment	1.17	0.49	0.00	1.26	0.16
	<b>Sub-total (Admn expenses)</b>	48.02	47.90	36.12	14.90	21.64
6	<b>Employee cost</b>					
6.1	Salaries,wages & allowances	3426.91	3745.38	3728.71	3576.80	3490.66
6.2	Staff welfare expenses	17.62	7.85	20.46	5.85	12.64
6.3	Productivity linked incentive	0.00	13.22	0.00	0.00	79.77
6.4	Expenditure on VRS	0.00	0.00	0.00	0.00	0.00
6.5	Ex-gratia	0.00	0.00	0.00	0.00	0.00
6.6	Performance related pay (PRP)	0.00	379.09	0.00	0.00	0.00
6.7	VII Pay Arrears Paid Pertaining to period prior to 2017-18	0.00	0.00	0.00	0.00	0.00
	<b>Sub-total (Employee cost)</b>	3444.54	4145.54	3749.17	3582.64	3583.07
7.	Loss of stores	0.00	0.00	0.00	0.00	0.00
8.	Provisions	0.00	0.00	0.00	0.00	0.00
9.	Allocation of Corporate office expenses					
10	Other expenses (Specify items)	1471.32	1966.46	2294.73	1850.92	1697.93
11	<b>Total (1 to 10)</b>	<b>7552.36</b>	<b>8572.06</b>	<b>8996.00</b>	<b>8201.76</b>	<b>8537.43</b>
12	Revenue/Recoveries, if any	2.44	13.00	51.53	4.71	4.92
13	Net expenses	7549.92	8559.05	8944.48	8197.05	8532.51
14	Capital spares consumed <b>not included in (A) (I) above and not claimed /allowed by Commission for capitalisation (Capital spares consumed and not claimed /allowed by Commission for Capitalisation)</b>	791.55	335.74	278.45	219.52	530.39
15	Number of employees:					
15.1	Executives					
15.2	Non- Executives					
15.3	Corporate Office					
16	Man-MW ratio (Man/MW)					
16.1	Number of employees deployed in O&M					
16.2	Executives					
16.3	Non Executives					
Note:	Year-wise audited actual O&M expenses submitted for the period 2017-18 to 2021-22 should be clearly indicating the following					
	(i) Explanation / Justification for year to year variation of more than (±) 10% in any head of O&M expenses					
	(ii) Details of expenditure under the head "Others".					
	(iii) Details of the amount indicated under the head "Revenues/Recoveries"					
	(iv) Details of arrears and prior period adjustments included in the data for the period 2017-18 to 2021-22, if any, pertaining to period prior to the year 2017-18 should be mentioned separately in the following format:					
Sl. No.	Year during the period 2017-22 in which arrear/ prior period adjustments have been made	Year to which this arrear and prior period adjustment pertains	Amount of arrear/ prior period adjustment (Rs. in lakh)			
	(v) Separately furnish the details of abnormal expenses, if any.					
	(vi) Future provisions pertaining to period beyond 2021-22 made in the employee cost or any other head during 2017-18 to 2021-22 towards wage revision/arrears or for any other reason shall be provided separately.					

## Details of actual O&amp;M expenses (Common for Hydro /Thermal Generating Station)

In Lakh

Sl. No.	Item	Unit	2017-18	2018-19	2019-20	2020-21	2021-22
1	Consumption of stores & spares		836.37	465.24	673.51	230.70	530.39
2	Repair & Maintenance		1161.84	1272.60	1539.94	1412.27	1563.60
3	Insurance		169.77	164.82	214.05	628.07	697.17
4	Security						
4.1	CISF		216.77	199.61	213.13	202.64	213.93
4.2	Other than CISF		203.73	309.89	275.35	279.62	229.70
5	Water Charges		0.00	0.00	0.00	0.00	0.00
6	Administrative Expenses						
6.1	Rent		0.00	0.00	0.00	0.00	0.00
6.2	Electricity charges		0.00	0.00	0.00	0.00	0.00
6.3	Travelling & Conveyance		37.48	37.26	30.28	10.18	12.24
6.4	Communication Expenses		4.05	2.79	1.68	1.25	1.49
6.5	Advertising		5.32	7.37	4.16	2.22	7.75
6.6	Foundation Laying & Inauguration		0.00	0.00		0.00	0.00
6.7	Donation		0.00	0.00		0.00	0.00
6.8	Entertainment		1.17	0.49	0.00	1.26	0.16
6.9	Filing fee		17.82	17.82	17.82	3.30	17.82
	<b>Subtotal (Administrative Expenses)</b>		<b>65.84</b>	<b>65.72</b>	<b>53.94</b>	<b>18.20</b>	<b>39.46</b>
7	Employee Cost						
7.1.1	Salaries, Wages & Allowances		3426.91	3745.38	3728.71	3576.80	3490.66
7.1.1.1	Salaries, Wages & Allowances (including loco pilots and man power associated with stone and metal picking charges and water pumping)		0.00	0.00	0.00	0.00	0.00
7.1.1.2	Salaries, Wages & Allowances (Excluding loco pilots and man power associated with stone and metal picking charges and water pumping)		0.00	0.00	0.00	0.00	0.00
7.1.1.3	Loco pilots		0.00	0.00	0.00	0.00	0.00
7.1.1.4	Stone and metal picking		0.00	0.00	0.00	0.00	0.00
7.1.1.5	Water pumping		0.00	0.00	0.00	0.00	0.00
7.1.2	Pension		211.67	213.53	213.53	221.23	226.82
7.1.3	Gratuity		0.00	177.72	121.53	137.84	0.00
7.1.4	Provident Fund		322.89	345.92	345.92	343.67	345.38
7.1.5	Leave Encashment		2.33	250.47	414.42	223.19	345.38
7.2	Staff welfare expenses		17.62	7.85	20.46	5.85	12.64
7.2.1	Medical expenses on superannuated employees		0.00	0.00		0.00	0.00
7.2.2	Medical expenses on regular employees & others		119.91	144.78	116.72	84.74	83.35
7.2.3	Uniform/Livries & safety equipment		2.07	0.66	3.10	2.11	0.50
7.2.4	Canteen expenses		0.00	0.00	0.00		0.00
7.2.5	Other staff welfare expenses		3.14	11.05	6.43	26.02	3.61
	<b>Subtotal (Staff welfare Expenses)</b>		<b>4106.55</b>	<b>4897.36</b>	<b>4970.83</b>	<b>4621.44</b>	<b>4508.34</b>
7.3	Productivity linked Incentive		0.00	13.22			79.77
7.4	Expenditure on VRS		0.00	0.00			0.00
7.5	Ex-gratia		0.00	0.00			0.00
7.6	Performance Related Pay (PRP)		0.00	379.09			0.00
	<b>Sub Total (Employee Cost)</b>		<b>4106.55</b>	<b>5289.67</b>	<b>4970.83</b>	<b>4621.44</b>	<b>4588.11</b>
8	Loss of Store		0.00	0.00	0.00	0.00	0.00
9	Provisions		0.00	0.00	0.00	0.00	0.00
10	Prior Period Expenses		0.00	0.00	0.00	0.00	0.00
11	Corporate Office expenses allocation		0.00	0.00	0.00	0.00	0.00
12	Others		0.00	0.00	0.00	0.00	0.00
12.1	Rates & Taxes		0.55	1.24	0.47	1.31	1.06
12.2	Water cess		0.00	0.00		0.00	0.00
12.3	Training & recruitment expenses		6.48	0.90	0.79	0.00	5.40
12.4	Tender Expenses		0.00	0.00		0.00	1.18
12.5	Guest house expenses		22.09	31.16	26.68	30.02	41.59
12.6	Education expenses		125.00	160.00	105.00	195.00	243.50

12.7	Community Development Expenses		0.00		0.00			0.00
12.7.1	CSR activities		67.91	18.57	66.60	52.60		40.95
12.8	Ash utilisation expenses		0.00	0.00		0.00		0.00
12.9	Books & Periodicals		0.04	0.00		0.00		0.00
12.1	Professional Charges		12.63	4.74	24.35	2.85		7.00
12.11	Legal expenses			1.52		0.58		0.00
12.12	EDP Hire & other charges		44.76	23.68	47.07	51.48		48.58
12.13	Printing & Stationery		5.52	5.18	6.11	3.91		5.89
12.14	RLDC Fee & Charges		173.26	232.13	468.90	193.99		250.09
12.15	Brokerage & Commission		0.00	0.00		0.00		0.00
12.16	Bank charges		0.26	0.30	0.26	0.27		0.04
12.17	Claims/advances written off		0.00	0.00	0.00	0.00		0.00
12.18	Hiring of vehicle		234.96	287.08	278.42	217.05		184.16
12.19	Payment to auditors		0.09	0.23	0.08	0.19		0.46
12.2	Misc. Expenses		45.84	20.29	13.09	34.90		64.24
	(Break-up Of Misc.)					0.00		0.00
12.20.1	Horticulture		0.00	0.00	0.00	0.00		0.00
12.20.2	Transport- Vehicle Running exp.		29.44	0.00	0.00	10.86		88.64
12.20.3	Hire charges & Operating Exp -Construction equipment		0.00	0.00	0.00	0.00		0.00
12.20.4	Tree Plantation exp.		0.00	0.00	0.00	0.00		0.00
12.20.5	R&D expenses		0.00	0.00	0.00	0.00		15.20
12.20.6	Other Vehicles		0.00	0.00	0.00	0.00		0.00
12.20.7	Consumption-HSD/LDO-(Ind/Imp)-DG Set		0.00	0.00	0.00	0.00		0.00
12.20.8	Exp/ Inc from Inv Diff		0.00	0.00	0.00	0.00		0.00
12.20.9	Loss on sale of Investments		0.00	0.00	0.00	0.00		0.00
12.20.10	Operating exp of diesel generating sets		0.00	0.00	0.00	0.00		0.00
12.20.11	Furnishing Expenses		0.00	0.00	0.20	0.00		0.00
12.20.12	Subscription to Trade and Other Association		0.00	0.00	0.00	0.00		0.00
12.20.13	Hire Charges - Helicopter/Aircraft		0.00	0.00	0.00	0.00		0.00
12.20.14	Visa & Entry Permit Charges - Overseas		0.00	0.00	0.00	0.00		0.00
12.20.15	FX Monitoring Terminal Expenses		0.00	0.00	0.00	0.00		0.00
12.20.16	Works/Conf.(Excl train R&D CENPEEP)Earlier Non FBT		0.00	0.00	0.00	0.00		0.00
12.20.17	Workshop/Conf. Exp (train R&D CENPEEP) Earlier FBT		0.00	0.00	0.00	0.00		0.00
12.20.18	Hire charges - Office equipment		0.00	0.00	0.00	0.00		0.00
12.20.19	Payment for health club etc		0.00	0.00	0.00	0.00		0.00
12.20.20	Gifts liable for Fringe Benefit Tax		0.00	0.00	0.00	0.00		0.00
12.20.21	Festival expenses liable Earlier (FBT)		0.00	0.00	0.00	0.00		0.00
12.20.22	Miscellaneous Expenses		22.64	17.48	17.22	13.82		22.48
12.20.23	Rounding Off Difference		0.00	0.00	0.00	0.00		0.00
12.20.24	Regional Power Committee Expenses		0.00	0.00	0.00	0.00		0.00
12.20.25	Misc Exp. trf to CSR and IEDC		0.00	0.00	0.00	0.00		0.00
12.20.26	Specify other sub head, if any.		0.00	0.00	0.00	0.00		0.00
	Sub Total (Others)		791.48	804.51	1055.25	808.82		1020.45
13	(Total 1 to 12)		7552.36	8572.06	8996.00	8201.76		8882.81
14	Revenue / Recoveries		2.44	13.00	51.53	4.71		4.92
15	Net Expenses		7549.92	8559.05	8944.48	8197.05		8877.89
	Total O&M Cost		7549.92	8559.05	8944.48	8197.05		8877.89



## Annexure-XIX

<b>Name of Utility:</b>	North Eastern Electric Power Corporation Limited (NEEPCO LTD.)
<b>Name of Generating Station:</b>	Panyor Lower Hydro Power Station (PLHPS) earlier Ranganadi HPS
<b>Station Configuration:</b>	(3 X 135 MW) Run-off-River Hydro Power Station
<b>Capacity (MW):</b>	405
<b>COD: (Effective)</b>	12-Apr-2022 (405 MW)

	Unit	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Plant Availability Factor (PAF)	%	96.40	97.05	78.51	97.60	97.62	94.89	90.42	94.35	95.14	93.34	86.13	96.34	93.02	93.67	82.50	84.73	95.51	95.77
Plant Load Factors (PLF)	%	46.26	39.74	27.00	43.29	44.19	28.89	39.68	27.55	34.95	27.65	31.27	37.58	35.21	39.93	29.65	36.24	39.44	32.54
Scheduled Energy (DC)	MU	1784.8000	1401.5400	940.1400	1500.3300	1526.3827	1010.3269	1381.1874	934.5521	1225.8031	965.7539	1100.1062	1314.1205	1242.2991	1388.7472	1032.8431	1278.0256	1385.1028	1142.8754
Scheduled Generation	MU	1630.1600	1396.9800	937.7800	1512.6600	1567.6160	1016.6260	1399.0546	970.0904	1226.8069	969.8871	1097.8550	1314.1205	1217.6705	1392.9116	1031.9355	1272.2303	1382.6019	1142.0148
Actual Generation (Gross)	MU	1641.108	1410.000	958.000	1540.163	1567.725	1024.886	1407.942	979.985	1239.913	980.912	1109.512	1336.798	1249.083	1416.717	1051.834	1289.420	1399.256	1154.283
Actual Generation (ex-bus)	MU	1646.2700	1408.7600	943.4900	1524.6600	1557.9347	1015.8392	1393.9923	969.1890	1229.2570	970.2840	1102.1937	1324.0162	1239.7474	1408.6295	1047.4868	1278.3500	1391.5712	1145.0074
Actual energy supplied to beneficiaries	MU	1630.1600	1396.9800	937.7800	1512.6600	1567.6160	1016.6260	1399.0546	970.0904	1226.8069	969.8871	1097.8550	1314.1205	1217.6705	1392.9116	1022.7657	1256.0492	1382.6019	1142.0148
Quantum of coal consumption	MT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Value of coal	Rs. Lakh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Coal Consumption	kg/kWh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gross Calorific Value of Coal	(Kcal/ Kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heat Contribution of Coal	(Kcal/ kWh)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cost Of Specific Coal Consumption – Finally admitted by CERC (Ex-Bus)	(Rs./kWh)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Quantum of Oil Consumption	(KL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Value of Oil	(Rs. lakh)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gross calorific value of oil	(kcal/lit)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Oil Consumption	(ml/kWh)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cost Of Specific Oil Consumption – Finally admitted by CERC	(Rs./kWh)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heat Contribution of Oil	(Kcal/ kWh)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Station Heat Rate	(Kcal/ kWh)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Auxiliary Energy Consumption	MU	7.2670	4.4190		7.7920	6.9550	0.2530		4.0250	4.4220	4.0920	4.1120	4.2870	4.0870	4.1350	3.4990	4.0160	3.4960	3.8330
	(%)	0.44	0.31	0.00	0.51	0.44	0.02	0.00	0.41	0.36	0.42	0.37	0.32	0.33	0.29	0.33	0.31	0.25	0.33
Debt at the end of the year	(Rs. Crore)	550.8106	443.5657	366.4016	290.4698	244.7477	154.3701	64.5473	65.313										
Equity - Average	(Rs. Crore)	727.1873	727.4177	727.4177	727.4177	727.4177	728.3632	728.5519	729.145	729.6705	730.4103	732.6703	734.319	734.4359	734.3369	735.8877	737.6572	737.9561	738.4201
Working Capital – finally admitted by CERC	(Rs. Crore)	61.4562	60.3985	60.0094	59.9971	55.9997	64.1836	65.0398	65.3138	66.6726	69.7271	67.8841	61.5905	67.3469	66.3833	66.765	63.9693	66.1345	68.2931
Capital cost – finally admitted by CERC	(Rs. Crore)	1455.45	1455.45	1455.45	1455.45	1455.45	1458.7062	1459.7551	1462.66	1463.2584	1467.5923	1478.3247	1478.584	1479.1041	1477.9236	1489.4431	1495.3219	1498.8809	1501.5979
Capacity Charges/ Annual Fixed Cost (AFC)		262.862	250.3607	241.5515	234.6224	203.4081	307.3748	308.0661	305.01	308.1936	321.2672	308.8416	264.5379	292.0998	278.8784	273.234	290.7311	296.5867	302.6636
(a) Return on equity – post tax (admitted by CERC upto 2009) and Pre Tax post 2009																			
Absolute value	(Rs. Crore)	101.8062	101.8385	101.8385	101.8385	101.8385	136.0146	141.0331	141.29	143.66	152.4805	151.5895	163.5328	185.3129	166.8413	154.7719	147.5715	147.7287	147.8322
Rate	(%)	14	14	14	14	14	18.67%	19.36%	19.38%	19.69%	20.88%	20.69%	22.27%	25.23%	22.72%	21.03%	11.51%	11.51%	11.51%
(b) interest on Loan																			
Absolute value	(Rs. Crore)	59.3108	45.8682	36.1488	28.2309	22.4541	17.4548	9.8138	3.0037	0	0	0	0	0	0	0	0	0	0
Rate – Weighted Average Rate	(%)	9.82%	9.23%	8.93%	8.61%	8.44%	8.75%	8.97%	9.31%										
(c) Depreciation (finally allowed by CERC)																			
Absolute value	(Rs. Crore)	34.756	34.7744	34.7744	34.7744	34.7744	90.5239	90.557	90.6668	90.7599	90.8923	77.757	17.6868	17.7083	17.7741	18.4802	14.4924	14.6934	14.8959
AAD																			
Rate	(%)	2.39	2.39	2.39	2.39	2.39	6.21%	6.21%	6.21%	6.20%	6.20%	5.28%							
(d) Interest on working Capital																			
Absolute value	(Rs. Crore)	6.2993	6.1908	6.151	6.1497	5.74	7.8625	7.9674	8.0009	8.1674	8.5416	9.1644	8.3147	9.0918	8.9618	9.0133	7.7083	7.4401	7.1708
Rate	(%)	10.25	10.25	10.25	10.25	10.25	12.25	12.25	12.25	12.25	12.25	13.5	13.5	13.5	13.5	13.5	12.05%	11.25%	10.50%
(e) Operation and maintenance cost (finally admitted by CERC)																			
Absolute value	(Rs. Crore)	22.75	23.66	24.61	25.6	26.62	55.5191	58.6948	62.0521	65.6015	69.3539	70.3308	75.0036	79.9868	85.3012	90.9686	120.9588	126.7244	132.7647
Rate	(%)																		
(f) Compensation Allowances																			
(g) Special Allowance																			
(h) Supplementary Tariff - Emission Control																			
Absolute value	(Rs. Crore)																		
Rate	(%)																		
(i) Ash Utilisation Expenses	(Rs. Crore)																		
AFC	(Rs./ kWh)	1.67	2.03	2.92	1.78	1.51	3.46	2.53	3.71	2.86	3.78	3.19	2.29	2.67	2.28	3.01	2.59	2.43	3.01

Energy Charge	(Rs./kWh)						1.169	1.171	1.16	1.172	1.221	1.165	0.969	0.883	1.013	1.082	1.209	1.321	1.442
Supplemental Energy Charges - Emission Control	(Rs./kWh)																		
Total tariff	(Rs. kWh)						3.077	2.499	3.142	2.768	3.273	2.781	2.219	2.329	2.257	2.493	2.222	2.447	2.621
Revenue realisation before tax	(Rs. Crore)																		
Revenue realisation after tax	(Rs. Crore)																		
Profit/ loss	(Rs. Crore)																		
DSM Generation	(MU)						22.037	17.614	21.344	15.929	17.582	26.428	34.53	21.16	19.67	18.03	19.806	9.31	
DSM Rate	(Rs/kWh)																		
Revenue from DSM	(Rs. Crore)						7.128	6.652	5.800	2.204	4.768	4.054	3.818	4.6	4.911	2.891	4.1	2.305	
Compensation received for operation below NAPAF																			
Part load Compensation received from beneficiariaes																			
Amount received from SCED	(Rs Crore)																		

Generating Companies are required to submit data for all generating stations  
This is a general format. Plants of different fuel users have to fill the cells as applicable to them.  
Tariff for the Hydro may be understood as composite tariff.  
The data provided for the corresponding years need to mention as Actual or provisional.  
Data for each Unit and Stage is required to be submitted in additional sheets as per the format