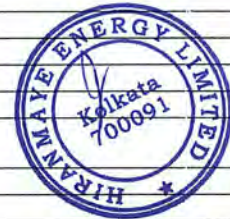


APPLICATION FOR TARIFF DETERMINATION FOR UNIT NOS. 1 & 2
FOR THE YEARS 2023-24,2024-25 & 2025-26

HIRANMAYE ENERGY LIMITED
(FORMERLY KNOWN AS INDIA POWER CORPORATION(HALDIA) LIMITED)

FORMS AND ANNEXURES
VOLUME-I

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Form 1.1 : Availability of Plant (Plant Availability Factor) - Annually

(in %)

Station	Previous Year			Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3
	2018-19	2019-20	2020-21				
	Actuals	Actuals	Actuals				
Hiranmaye Energy Limited	3.35%	1.30%	24.65%	Estimated	Projected	Projected	Projected
			61.69%	85.00%	85.00%	85.00%	85.00%

Note :

- i) For any Plant, Plant Availability Factor shall be considered for stabilised operation only i.e. without taking into account the in-firm power generation or generation during stabilisation period.
- ii) Reasons for variations over the years are to be given in a note
- iii) Availability Calculated excluding outage due to unavailability of coal

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Form 1.1(a) : Availability of Unit (Unitwise Availability Factor) - Annually (stationwise)

(in %)

Unit	Previous Year				Base Year	Ensu-ing Year 1	Ensu-ing Year 2	Ensu-ing Year 3
	2018-19	2019-20	2020-21	2021-22				
	Actuals	Actuals	Actuals	Actuals				
Unit 1	6.70%	2.61%	32.09%	69.09%	Estimated 85.00%	Projected 85.00%	Projected 85.00%	Projected 85.00%
Unit 2	0.00%	0.00%	17.20%	54.30%	85.00%	85.00%	85.00%	85.00%

Note :

- i) For any Plant, Plant Availability Factor shall be considered for stabilised operation only i.e. without taking into account the in-firm power generation or generation during stabilisation period.
- ii) Reasons for variations over the years are to be given in a note

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Form 1.2 : Plant Load Factor - Annually

Station	Previous Year				Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3
	2018-19	2019-20	2020-21	2021-22				
	Actuals	Actuals	Actuals	Actuals				
Hiranmaye Energy Limited	3.07%	1.24%	16.51%	42.26%	Estimated	Projected	Projected	Projected
				80.00%	80.00%	80.00%	80.00%	80.00%

(in %)

Note :

- i) For any Plant, PLF shall be considered for stabilised operation only i.e. without taking into account the in-firm power generation or generation during stabilisation period.
- ii) Reasons for variations over the years are to be given in a note

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Form 1.2(a) : Unitwise Plant Load Factor - Annually (Stationwise)

Name of the Station: Hiranmaye Energy Limited

Unit	Previous Year			Base Year	Ensu-ing Year 1	Ensu-ing Year 2	Ensu-ing Year 3
	2018-19	2019-20	2020-21				
	Actuals	Actuals	Actuals				
Unit 1	6.14%	2.48%	28.39%	85.00%	85.00%	85.00%	85.00%
Unit 2	0.00%	0.00%	4.63%	85.00%	85.00%	85.00%	85.00%
				Estimated	Projected	Projected	Projected
				2022-23	2023-24	2024-25	2025-26
				48.24%	85.00%	85.00%	85.00%
				36.28%	85.00%	85.00%	85.00%

(in %)

Note:

In 2018-19 and 2019-20, plant was in operation for 27 and 14 days, respectively



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Form 1.3: Gross Energy available at Generators Terminal for Stabilised Commercial Operation (Stationwise)

Name of the Station : Consolidated for 2 units of Hiranmaye Energy Limited

Capacity (MW) : 300 MW

MU

Season/Time of the day	Previous Year				Base Year	Ensu-ing Year 1	Ensu-ing Year 2	Ensu-ing Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1. Summer (March to June)								
Normal	0.00	14.97	0.00	132.16	342.21	342.21	342.21	342.21
Peak	0.00	8.17	0.00	72.08	186.66	186.66	186.66	186.66
Off-peak	0.00	9.53	0.00	84.10	217.77	217.77	217.77	217.77
Total Summer:	0.00	32.67	0.00	288.34	746.64	746.64	746.64	746.64
2. Monsoon (July to October)								
Normal	0.00	0.00	44.82	121.59	345.02	345.02	345.02	345.02
Peak	0.00	0.00	24.45	66.32	188.19	188.19	188.19	188.19
Off-peak	0.00	0.00	28.52	77.37	219.56	219.56	219.56	219.56
Total Monsoon:	0.00	0.00	97.78	265.28	752.76	752.76	752.76	752.76
3. Winter (November to February)								
Normal	36.99	0.00	123.61	212.29	336.60	336.60	336.60	336.60
Peak	20.18	0.00	67.42	115.79	183.60	183.60	183.60	183.60
Off-peak	23.54	0.00	78.66	135.09	214.20	214.20	214.20	214.20
Total Winter:	80.71	0.00	269.69	463.18	734.40	734.40	734.40	734.40
Grand Total :	80.71	32.67	367.47	1016.79	2233.80	2233.80	2233.80	2233.80

Name of the Unit : Hiranmaye Energy Limited (Unit 1)

Capacity (MW): 1 x 150 MW

MU

Season/Time of the day	Previous Year				Base Year	Ensu-ing Year 1	Ensu-ing Year 2	Ensu-ing Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1. Summer (March to June)								
Normal	0.00	14.97	0.00	87.77	171.11	171.11	171.11	171.11
Peak	0.00	8.17	0.00	47.88	93.33	93.33	93.33	93.33
Off-peak	0.00	9.53	0.00	55.85	108.89	108.89	108.89	108.89
Total Summer:	0.00	32.67	0.00	191.50	373.32	373.32	373.32	373.32
2. Monsoon (July to October)								
Normal	0.00	0.00	44.82	73.15	172.51	172.51	172.51	172.51
Peak	0.00	0.00	24.45	39.90	94.10	94.10	94.10	94.10
Off-peak	0.00	0.00	28.52	46.55	109.78	109.78	109.78	109.78
Total Monsoon:	0.00	0.00	97.78	159.61	376.38	376.38	376.38	376.38
3. Winter (November to February)								
Normal	36.99	0.00	105.01	122.19	168.30	168.30	168.30	168.30
Peak	20.18	0.00	57.28	66.65	91.80	91.80	91.80	91.80
Off-peak	23.54	0.00	66.83	77.76	107.10	107.10	107.10	107.10
Total Winter:	80.71	0.00	229.12	266.60	367.20	367.20	367.20	367.20
Grand Total :	80.71	32.67	326.90	617.71	1116.90	1116.90	1116.90	1116.90

Name of the Unit : Hiranmaye Energy Limited (Unit 2)

Capacity (MW): 1 x 150 MW

MU

Season/Time of the day	Previous Year				Base Year	Ensu-ing Year 1	Ensu-ing Year 2	Ensu-ing Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1. Summer (March to June)								
Normal	0.00	0.00	0.00	44.38	171.11	171.11	171.11	171.11
Peak	0.00	0.00	0.00	24.21	93.33	93.33	93.33	93.33
Off-peak	0.00	0.00	0.00	28.24	108.89	108.89	108.89	108.89
Total Summer:	0.00	0.00	0.00	96.84	373.32	373.32	373.32	373.32
2. Monsoon (July to October)								
Normal	0.00	0.00	0.00	48.43	172.51	172.51	172.51	172.51
Peak	0.00	0.00	0.00	26.42	94.10	94.10	94.10	94.10
Off-peak	0.00	0.00	0.00	30.82	109.78	109.78	109.78	109.78
Total Monsoon:	0.00	0.00	0.00	105.67	376.38	376.38	376.38	376.38
3. Winter (November to February)								
Normal	0.00	0.00	18.60	90.10	168.30	168.30	168.30	168.30
Peak	0.00	0.00	10.14	49.14	91.80	91.80	91.80	91.80
Off-peak	0.00	0.00	11.83	57.34	107.10	107.10	107.10	107.10
Total Winter:	0.00	0.00	40.58	196.58	367.20	367.20	367.20	367.20
Grand Total :	0.00	0.00	40.58	399.09	1116.90	1116.90	1116.90	1116.90



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Form 1.4(a) : Auxiliary Consumption for stabilised Commercial Operation (Stationwise)

Name of the Station : Hiranmaye Energy Limited (Unit #1 & 2)
 Capacity (MW) : 300 MW

Season	Previous Year						Base Year	Ensu Year 1	Ensu Year 2	Ensu Year 3		
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24					2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals								
1.Summer	2.28	4.88	0.40	31.67	78.40	78.40	78.40	78.40	78.40			
2.Monsoon	2.28	0.63	11.93	29.43	79.04	79.04	79.04	79.04	79.04			
3.Winter	10.39	0.37	28.99	43.85	77.11	77.11	77.11	77.11	77.11			
Grand Total :	14.94	5.89	41.32	104.95	234.55	234.55	234.55	234.55	234.55			

MU

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Form 1.4(b) Transformation Losses for Hydro Power stations including Pumped Storage Project (Stationwise)

Name of the Station: NOT APPLICABLE

Capacity (MW):

Season	Previous Years				Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1. Summer	Not Applicable							
2. Monsoon								
3. Winter								
Grand Total:	-	-	-	-	-	-	-	-

Form 1.4(c) Pumping Energy for Pumped Storage Project

Name of the Station: NOT APPLICABLE

Capacity (MW):

Season	Previous Years				Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1. Summer	Not Applicable							
Normal								
Peak								
Off-peak								
Total Summer:								
2. Monsoon								
Normal								
Peak								
Off-peak								
Total Monsoon:								
3. Winter								
Normal								
Peak								
Off-peak								
Total Winter:								
Grand Total:								

Note:

1. Pumping Energy for each unit of Generation as per design is to be provided with supporting documents.
2. Pumping Energy shall be measured at bus bar of the generating station.



Form 1.5 : Net Energy Sent Out for Stabilised Commercial Operation (Stationwise)

Name of the Station : Consolidated for 2 Units of Hiranmaye Energy Limited

Capacity (MW) : 300 MW

MU

Season/Time of the day	Previous Year				Base Year	Ensuig Year 1	Ensuig Year 2	Ensuig Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1. Summer (March to June)								
Normal	0.00	13.42	0.00	118.45	306.28	306.28	306.28	306.28
Peak	0.00	7.32	0.00	64.61	167.06	167.06	167.06	167.06
Off-peak	0.00	8.54	0.00	75.38	194.90	194.90	194.90	194.90
Total Summer:	0.00	29.29	0.00	258.43	668.24	668.24	668.24	668.24
2. Monsoon (July to October)								
Normal	0.00	0.00	40.03	109.08	308.79	308.79	308.79	308.79
Peak	0.00	0.00	21.83	59.50	168.43	168.43	168.43	168.43
Off-peak	0.00	0.00	25.47	69.41	196.50	196.50	196.50	196.50
Total Monsoon:	0.00	0.00	87.33	237.99	673.72	673.72	673.72	673.72
3. Winter (November to February)								
Normal	33.34	0.00	110.94	192.73	301.26	301.26	301.26	301.26
Peak	18.19	0.00	60.51	105.12	164.32	164.32	164.32	164.32
Off-peak	21.22	0.00	70.60	122.65	191.71	191.71	191.71	191.71
Total Winter:	72.75	0.00	242.05	420.50	657.29	657.29	657.29	657.29
Grand Total :	72.75	29.29	329.39	916.93	1999.25	1999.25	1999.25	1999.25

Name of the Station: Hiranmaye Energy Limited (Unit-1)

Capacity (MW): 150 MW

MU

Season/Time of the day	Previous Year				Base Year	Ensuig Year 1	Ensuig Year 2	Ensuig Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1. Summer (March to June)								
Normal	0.00	13.42	0.00	78.65	153.14	153.14	153.14	153.14
Peak	0.00	7.32	0.00	42.90	83.53	83.53	83.53	83.53
Off-peak	0.00	8.54	0.00	50.05	97.45	97.45	97.45	97.45
Total Summer:	0.00	29.29	0.00	171.61	334.12	334.12	334.12	334.12
2. Monsoon (July to October)								
Normal	0.00	0.00	40.03	65.54	154.39	154.39	154.39	154.39
Peak	0.00	0.00	21.83	35.75	84.22	84.22	84.22	84.22
Off-peak	0.00	0.00	25.47	41.71	98.25	98.25	98.25	98.25
Total Monsoon:	0.00	0.00	87.33	143.01	336.86	336.86	336.86	336.86
3. Winter (November to February)								
Normal	33.34	0.00	94.42	110.87	150.63	150.63	150.63	150.63
Peak	18.19	0.00	51.50	60.47	82.16	82.16	82.16	82.16
Off-peak	21.22	0.00	60.09	70.55	95.85	95.85	95.85	95.85
Total Winter:	72.75	0.00	206.01	241.89	328.64	328.64	328.64	328.64
Grand Total :	72.75	29.29	293.34	556.50	999.63	999.63	999.63	999.63

Name of the Station: Hiranmaye Energy Limited (Unit-2)

Capacity (MW): 150 MW

MU

Season/Time of the day	Previous Year				Base Year	Ensuig Year 1	Ensuig Year 2	Ensuig Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1. Summer (March to June)								
Normal	0.00	0.00	0.00	39.79	153.14	153.14	153.14	153.14
Peak	0.00	0.00	0.00	21.71	83.53	83.53	83.53	83.53
Off-peak	0.00	0.00	0.00	25.32	97.45	97.45	97.45	97.45
Total Summer:	0.00	0.00	0.00	86.83	334.12	334.12	334.12	334.12
2. Monsoon (July to October)								
Normal	0.00	0.00	0.00	43.54	154.39	154.39	154.39	154.39
Peak	0.00	0.00	0.00	23.75	84.22	84.22	84.22	84.22
Off-peak	0.00	0.00	0.00	27.70	98.25	98.25	98.25	98.25
Total Monsoon:	0.00	0.00	0.00	94.99	336.86	336.86	336.86	336.86
3. Winter (November to February)								
Normal	0.00	0.00	16.52	81.86	150.63	150.63	150.63	150.63
Peak	0.00	0.00	9.01	44.65	82.16	82.16	82.16	82.16
Off-peak	0.00	0.00	10.51	52.09	95.85	95.85	95.85	95.85
Total Winter:	0.00	0.00	36.05	178.61	328.64	328.64	328.64	328.64
Grand Total :	0.00	0.00	36.05	360.42	999.63	999.63	999.63	999.63



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Form 1.6(a) Energy Purchase (Sourcewise)

Name of the Source:

MUs

Season/ Time of the day	Previous Years				Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1. Summer								
Normal	NOT APPLICABLE							
Peak								
Off-peak								
Total Summer:								
2. Monsoon								
Normal								
Peak								
Off-peak								
Total Monsoon:								
3. Winter								
Normal								
Peak								
Off-peak								
Total Winter:								
Grand Total:								
Less Grid Loss, if any								
Net Purchase								

Form 1.6(b): Monthwise Non-drawal of power from different sources of purchase due to low demand inspite of having availabilities at purchaser side

Name of the Source:

MUs

Month	Previous Years				Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3							
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26							
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected							
April															
May	NOT APPLICABLE														
June															
July															
August															
September															
October															
November															
December															
January															
February															
March															
TOTAL															



Form 1.7 T&D %

Particulars	Unit	Derivation	Previous Year				Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3
			2018-19	2019-20	2020-21	2021-22				
			Actuals	Actuals	Actuals	Actuals				
Gross Generation	MU	A				2022-23	2023-24	2024-25	2025-26	
Auxiliary Consumption	MU	B1				Estimated	Projected	Projected	Projected	
Transformation Loss (Form 1.4(b))	MU	B2								
Units delivered to the system from generation (including infirm power, if any) (Form 1.5)	MU	C=A-B1-B2								
Quantum of Infirm Power (included in Gross Generation)	MU									
Energy Purchased (Form 1.6)	MU	D								
Energy Received for Wheeling (Form 1.9(a))	MU	E								
Overall Gross Energy in system	MU	F=C+D+E								
Units sold to persons other than licensees or any consumers (Form 1.9(b))	MU	G1								
Additional Units allowed by Commission for Sales to persons other than licensees or any consumers	MU	G2								
Units sold/ used for pumping energy of Pumped Storage Project at Bus bar (Form 1.4 (c))	MU	G3								
Additional Units allowed by Commission against Pumping Energy for pumping loss	MU	G4								
Units sold to other licensees (Form 1.9 (c))	MU	G5								
Additional Units allowed by Commission for Sales to other licensees (Actual for past, Normative for future)	MU	G6								
Net UI (Actual drawal)	MU	G7								
Total energy goes out of the system	MU	G=G1+G3+G4+G5 +G6+G7								
Net energy in system	MU	H=F-G								
Units sold to consumers	MU	I								
Units wheeled (Form 1.9 (d))	MU	J								
Additional units allowed for wheeling	MU	K								
Units utilized in own premises including construction power	MU	L								
Overall Utilization	MU	M=SUM(I:L)								
Unutilized Units	MU	N=H-M								
System Loss	%	O=N*100/H								
Norms as per Regulatory Commission	MU									
Total Sales	MU									
Additional units allowed to accommodate loss	MU									

NOT Applicable



Note: Actual Generation means units actually generated irrespective of schedules. Purchase and sales to persons other than licensees or any consumers shall not include the energy under UI mechanism.

Form 1.8 Aggregate Technical & Commercial Loss

Particulars	Derivation	Previous Year				Base Year	Ensuig Year 1	Ensuig Year 2	Ensuig Year 3
		2018-19 Actuals	2019-20 Actuals	2020-21 Actuals	2021-22 Actuals				
Units supplied to system (Item H of 1.7)	A				2022-23 Estimated	2023-24 Projected	2024-25 Projected	2025-26 Projected	
Units utilised (Billed) (Item M of 1.7)	B								
Unutilised Units (Item N of Form 1.7)	C = A - B								
T&D Loss % [Item O of Form 1.7]	D = C x 100/ A								
Realized units in corresponding period	E								
AT&C Loss in Units	F = A - E								
AT & C Loss %	G = (F/A) x 100								
Not Applicable									

(AT & C Loss is based on Realised unit sold to Consumer other than Licensee)

Note: Reasons for shortfall in Collection Efficiency and actions taken for improvement of the same is to be furnished



Form 1.9 Energy Balance

Particulars	Derivation	Previous Year			Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3
		2018-19	2019-20	2020-21				
		Actuals	Actuals	Actuals				
A: ENERGY INPUT								
Gross Generation								
Auxiliary Consumption								
Transformation Loss (Form 1.4(b))								
Units delivered to the system from generation (including infirm power, if any) (Form 1.5)								
Energy Purchased (Form 1.6)								
Energy Received for Wheeling (Form 1.9(a))								
Overall Gross Energy in system								
Units sold to persons other than licensees or any consumers (Form 1.9(b))								
Additional Units allowed by Commission for Sales to persons other than licensees or any consumers								
Units sold/ used for pumping energy of Pumped Storage Project at Bus bar (Form 1.4 (c))								
Additional Units allowed by Commission against Pumping Energy for pumping loss								
Units sold to other licensees (Form 1.9 (c))								
Additional Units allowed by Commission for Sales to other licensees								
Net UI (Actual drawal)								
Total energy goes out of the system								
Energy Input for own system								
B: ENERGY UTILIZATION								
Units sold to consumers								
Units wheeled (Form 1.9 (d))								
Additional units allowed for wheeling								
Units utilized in own premises including construction power								
Unutilized Units								
Total Energy								

Not Applicable



Note: Actual Generation means units actually generated irrespective of schedules.

Form 1.9(a) Energy received for wheeling

MU

Particulars	Previous Year				Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
NOT APPLICABLE								

Form 1.9(b) Energy sold to persons other than licensee or any consumers

Season/ Time of the day	Previous Year				Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1. Summer	NOT APPLICABLE							
Normal								
Peak								
Off-peak								
Total Summer:								
2. Monsoon								
Normal								
Peak								
Off-peak								
Total Monsoon:								
3. Winter								
Normal								
Peak								
Off-peak								
Total Winter:								
Grand Total:								

1. Energy are to be measured at Power Station Bus for Generating Company and for Distribution Licensees from pool energy inclusive of T&D Loss.
2. Energy sold to any person other than licensee or any consumer shall be shown separately for each such person.

Form 1.9(c) Energy sold to other licensees

Season/ Time of the day	Previous Year				Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1. Summer	NOT APPLICABLE							
Normal								
Peak								
Off-peak								
Total Summer:								
2. Monsoon								
Normal								
Peak								
Off-peak								
Total Monsoon:								
3. Winter								
Normal								
Peak								
Off-peak								
Total Winter:								
Grand Total:								



Form 1.9(d) Energy wheeled at delivery point

Particulars	Previous Year				Base Year	Ensuing Year 1	Ensuing Year 2	Ensuing Year 3
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
NOT APPLICABLE								

Form 1.10 (a): Quantum of Purchase of Power and Rate thereof (Sourcewise vis-à-vis Stationwise)
[a] Source: 1

Particulars	Unit	Derivation	Previous Year				Base Year		Ensuing Year	
			2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
			Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
Details of Import Drawal										
A. Infirm	MU		Not Applicable							
B. Firm										
B1: Summer:										
Normal	MU									
Peak	MU									
Off-peak	MU									
Total Firm in Summer: (B1)										
B2: Monsoon:										
Normal	MU									
Peak	MU									
Off-peak	MU									
Total Firm in Monsoon: (B2)										
B3: Winter:										
Normal	MU									
Peak	MU									
Off-peak	MU									
Total Firm in Winter: (B3)										
Total Firm: (B)	MU									
Chargeable Units	MU									

Particulars	Unit	Derivation	Previous Year				Base Year		Ensuing Year	
			2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
			Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
Applicable Rates										
A. Infirm	Paise/Unit	C	NOT APPLICABLE							
B. Firm										
Fixed Charges	Rs./KVA/month	D1								
Energy Charges:	Paise/Unit	D2								
B1: Summer:										
Normal	Paise/Unit	E								
Peak	Paise/Unit	F								
Off-peak	Paise/Unit	G								
B2: Monsoon:										
Normal	Paise/Unit	H								
Peak	Paise/Unit	I								
Off-peak	Paise/Unit	J								
B3: Winter:										
Normal	Paise/Unit	K								
Peak	Paise/Unit	L								
Off-peak	Paise/Unit	M								
C. Fuel and Power Purchase Cost Adjustment :	Paise/Unit	N								
(i) April to September										
(ii) October to March										
Note:										

- [1] Source of energy purchased, purchase rate, quantum of energy purchased, escalation / rebate adjustment clause in the purchase rate, if any, may be given along with all the relevant details. Whether there is any dispute on purchase rate and if yes, the details thereof may be submitted.
 [2] Whether any power purchase agreements (PPA), if required, have been entered into which will be in force during the period for which the tariff has been proposed. Copies of such PPAs are to be enclosed.
 [3] Whether the competent authority has approved the purchase rates as per the Act and if not, details thereof.
 [4] Whether any procurement is made from co-generation / renewable sources of energy, if yes, details thereof may be submitted.

Form 1.10(b) : Power Purchase Cost Analysis (Sourcewise vis-à-vis Stationwise)

Particulars	Unit	Derivation from Form 1.10(a)	Previous Year				Base Year		Ensuing Year	
			2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
			Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
Details of Power Purchase Cost										
A. Infirm	Rs. Lakhs		NOT APPLICABLE							
B. Firm										
Fixed Charges	Rs. Lakhs									
Energy Charges:										
B1: Summer:										
Normal	Rs. Lakhs									
Peak	Rs. Lakhs									
Off-peak	Rs. Lakhs									
Total Firm in Summer: (B1)	Rs. Lakhs									
B2: Monsoon:										
Normal	Rs. Lakhs									
Peak	Rs. Lakhs									
Off-peak	Rs. Lakhs									
Total Firm in Monsoon: (B2)	Rs. Lakhs									
B3: Winter:										
Normal	Rs. Lakhs									
Peak	Rs. Lakhs									
Off-peak	Rs. Lakhs									
Total Firm in Winter: (B3)	Rs. Lakhs									
Total Firm : Energy Charges	Rs. Lakhs									
Total Firm : Fixed Energy Charges	Rs. Lakhs									
Total Charges : Firm + Infirm	Rs. Lakhs									
Fuel and Power Purchase Cost Adjustment	Rs. Lakhs									
(i) April to September										
(ii) October to March										
Transmission charges	Rs. Lakhs									
SLDC Charges	Rs. Lakhs									
Others - Delayed Payment Surcharge	Rs. Lakhs									
Less : Incentive/Rebate for timely payment (*)	Rs. Lakhs									
Overall cost	Rs. Lakhs									

*Rate of Energy Charge in Paise/Unit shall be calculated on annual basis considering both variable and fixed cost and quantum of energy

- [1] Source of energy purchased, purchase rate, quantum of energy purchased, escalation / rebate adjustment clause in the purchase rate, if any, may be given along with all the relevant details. Whether there is any dispute on purchase rate and if yes, the details thereof may be submitted.
 [2] Whether any power purchase agreements (PPA), if required, have been entered into which will be in force during the period for which the tariff has been proposed. Copies of such PPAs are to be enclosed.
 [3] Whether the competent authority has approved the purchase rates as per the Act and if not, details thereof.
 [4] Whether any procurement is made from co-generation / renewable sources of energy, if yes, details thereof may be submitted.



Form 1.11 : COST OF FUEL (Stationwise)

Sl.	STATION	DERIVATION	UNIT	Previous Year						Base Year		Ensuing Year					
				2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		2025-26	
				Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected	Projected	Projected	Projected	Projected
1.	Gross Generation	1	MU	80.71	32.67	367.47	1016.79	2233.80	2233.80	2233.80	2233.80	2233.80	2233.80	2233.80	2233.80		
2.	Auxiliary consumption	2	MU	14.94	5.89	41.32	104.95	234.55	234.55	234.55	234.55	234.55	234.55	234.55	234.55		
3.	Sent-out Energy	3=1-2	MU	65.77	26.78	326.15	911.84	1999.25	1999.25	1999.25	1999.25	1999.25	1999.25	1999.25	1999.25		
4.	Station Heat Rate	4	KCal/KWh	2458.00	2609.00	2522.00	2561.00	2477.15	2477.15	2477.15	2477.15	2477.15	2477.15	2477.15	2477.15		
5.	Total Heat Required	5=1x4	GCal	198395	85233	926769	2604007	5533458	5533458	5533458	5533458	5533458	5533458	5533458	5533458		
6.	Specific Oil Consumption	6	ml/kWh	3.12	3.27	1.39	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
7.	Oil Consumption	7=6x1	KL	252	107	511	773	2233.80	2233.80	2233.80	2233.80	2233.80	2233.80	2233.80	2233.80		
8.	Heat Value of Oil	8	kCal/Litre	10,558	10,558	10,413	10,749	10,726	10,726	10,756	10,756	10,756	10,756	10,756	10,756		
9.	Heat from Oil	9=7x8	GCal	2659	1128	5319	8306	23960	23960	24026	24026	24026	24026	24026	24026		
10.	Heat from Coal	10=5-9	GCal	195736	84106	921451	2595700	5509498	5509498	5509431	5509431	5509431	5509431	5509431	5509431		
11.	Heat Value of Coal (less) 120 kCal/kg	11	kCal/Kg	3645	3633	3147	3056	3194	3194	3313	3313	3313	3313	3313	3313		
12.	Coal Consumption	12=10/11	Tonne	53700	23150	292835	849307	1725177	1725177	1662990	1662990	1662990	1662990	1662990	1662990		
13.	Coal requirement (considering transit loss)	13	Tonne	54133	23337	295196	856157	1739090	1739090	1676401	1676401	1676401	1676401	1676401	1676401		
14.	Average Price of Oil	14	Rs./KL	43798	43798	44919	57607	86563	86563	79489	79489	79489	79489	79489	79489		
15.	Average Price of Coal	15	Rs./Tonne	6506	6696	4346	4,099	4482	4482	4496	4496	4519	4519	4544	4544		
16.	Cost of Oil	16=7x14	Rs. Lakhs	110	47	229	445	1934	1934	1776	1776	1776	1776	1776	1776		
17.	Cost of Coal	17=13x15	Rs. Lakhs	3522	1563	12830	35090	77950	77950	75365	75365	75760	75760	76179	76179		
18.	Total Fuel Cost	18=16+17	Rs. Lakhs	3632	1609	13059.21	35535.07	79883.71	79883.71	77140.34	77140.34	77535.38	77535.38	77954.98	77954.98		

Notes:

- Where any Norm has been specified by the Commission for any parameter, calculation is to be based on such parameters only
- Main sources of fuel supply and break up of fuel prices (Gradewise) to be submitted as per specified format.
- The normative values of various parameters like station heat rate and secondary fuel consumption etc. adopted, if any, may also be submitted.
- Cost of Fuel in aggregate for all the stations are to be submitted in a separate sheet



Form 1.12: Expenditure - -Generation of Electricity(Station wise)

Ref	Particulars	Previous Year				Base Year	Ensuing Year					
		2018-19	2019-20	2020-21	2021-22		2022-23	2023-24	2024-25	2025-26		
		Actuals	Actuals	Actuals	Actuals		Estimated	Projected	Projected	Projected		
	Cost of Energy from own Generation - all stations Excludes expense shown under any other head											
1	Fuel Cost	3631.93	1609.49	13059.21	35535.07	79883.71	77140.34	77535.38	77954.98			
i	Coal	3521.64	1562.70	12829.77	35089.91	77950.07	75364.73	75759.76	76179.36			
ii	Oil	110.30	46.79	229.44	445.17	1933.64	1775.62	1775.62	1775.62			
2	Employee Costs{ Form 1.17 (h)& (i)}	1673.28	1312.88	4044.30	4258.80	4485.00	4932.90	5220.45	5528.25			
	(i) Own Employees	1673.28	1253.96	3993.18	4218.00	4450.20	4896.05	5181.43	5486.93			
	(ii)Contractual Employees in regular establishment		58.92	51.12	40.80	34.80	36.85	39.02	41.32			
3	Operation & Maintenance - Expenses	2722.68	2826.15	3051.29	3167.91	3291.14	3383.64	3510.85	3644.12			
4	Demurrage for Transportation of Fuel											
5	Water Charges	1171.40	1171.40	1171.40	1171.40	1383.89	1453.03	1525.68	1601.97			
6	Statutory Charges(Licensee fees, filing fees, municipal tax etc)	0.00	10.00	10.00	0.00	0.00	10.00	0.00	0.00			
7	Depreciation	9555.53	9555.53	9555.53	9555.53	9555.53	14195.32	14421.80	15009.24			
8	Intangible Asset written off	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
9	Expenses due to Penalty, Fines etc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
10	Interest on Capital loan [from 1.20 (b)]	23976.08	22715.71	21455.33	20194.96	18934.59	18491.01	16342.88	17528.73			
11	Interest on working Capital loan [from 1.17(b)]	1033.72	987.67	1239.65	1748.34	2823.42	2792.36	3183.70	3239.78			
12	Income Tax	2968.42	2968.42	2968.42	2968.42	2968.42	3011.74	3061.28	3116.97			
13	Other Finance Charge [Form 1.17 (c)]	244.50	20.12	0.36	24.65	256.00	259.00	259.00	259.00			
14	Foreign Exchange rate variation on loan repayments [Form 1.17(d)]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
15	Others (specify) :Rates & Taxes	290.45	290.45	154.48	165.45	177.20	188.38	200.27	212.91			
16	Others (specify) :Return on Equity	11793.49	11793.49	11793.49	11793.49	11793.49	11965.59	12162.40	12383.68			
	Overall (1.12)	60734.77	56574.18	72547.76	94842.82	140037.39	142756.20	142644.14	146007.88			

Note:

1. Under Employee Cost, cost of own and contracted manpower in regular establishments are to be shown separately.



Form 1.13 : Expenditure - Transmission of Energy

Ref.	Particulars	Previous Year		Base Year		Ensuing Year		
		2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
		Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
	Expenses on Transmission of Energy							
	Excludes Expenses shown under any other head							
(i)	Consumption of stores & spares							
(ii)	Repairs & Maintenance (excluding salaries etc. & stores)							
	Buildings							
	Transmission & Distribution							
	Assets							
	Others							
(iii)	Employee Costs ²							
	Salaries & Wages							
	Bonus							
	Contribution to Funds							
	Welfare Expenses							
(iv)	Depreciation							
(v)	Travelling Expenses							
(vi)	Vehicle Maintenance							
(vii)	Telephone Expenses							
(viii)	Security Charges							
(ix)	Other Management & Administrative Expenses							
(x)	Expenses due to Penalty, Fines etc.							
(xi)	Others (Specify)							
	Overall (1.13) Transmission							

NOT APPLICABLE

Note:

- Expenses specifically attributable to transmission activities and chargeable to Revenue Account are to be shown above and others are considered under centrally maintained expenses
- Under Employee Cost, cost of own and contracted manpower in regular establishments are to be shown separately.



Form 1.14 : Average System Demand for Transmission Systems

Season/ Time of the day	Previous Year			Base Year		Ensuing Year	
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected
1. Summer							
2. Monsoon							
3. Winter							
Grand Total:							

NOT APPLICABLE

Note :

1. Average System Demand means average of the daily peak for the concerned period.



Form 1.15 : Expenditure - Distribution of Electricity

Annexure-I

Ref.	Particulars	Previous Years					Base Year		Ensuing Year			Rs. Lakhs
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26			
		Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected			
1	Employee Costs{ Form 1.17 (h)& (i)}											
	(i) Own Employees											
	(ii) Contractual Employees in regular establishment											
2	Operation & Maintenance - Expenses											
	(i) Repairs & Maintenance (including consumables)											
	(ii) Administrative & General expenses											
	(iii) OPEX related expense											
3	Statutory Charges(Licensee fees, filing fees, municipal tax ,etc)											
4	Depreciation {Form B}											
5	Intangible Asset written off											
6	Expenses due to Penalty, Fines etc.											
7	Interest on Capital loan {from 1.20 (b)}											
8	Interest on working Capital loan {from 1.17(b)}											
9	Income Tax											
10	Other Finance Charge {Form 1.17 (c)}											
11	Foreign Exchange rate variation on loan repayments {Form 1.17(d)}											
12	Others (specify)											
	Overall (1.15)	-	-	-	-	-	-	-	-	-	-	

NOT APPLICABLE



Note 1.:Basis of estimation for each element for base year and ensuing years is to be specified under note.

2 Fixed charges of distribution business are to be shared between distribution {Form 1.15 } and sale {Form 1.16 } and the basis shall be specified.Form 1.15 shall cover netw

Form 1.16 : Expenditure - Sale of Energy

Ref	Particulars	Previous Year				Base Year	Ensuing Year			Basis for estimation for ensuing year	
		2019-20		2020-21			2021-22		2022-23		
		Actuals	Actuals	Actuals	Actuals		Actuals	Estimated	1		2
							2023-24	2024-25	2025-26		
							Projected	Projected	Projected		
1	Power Purchase Cost										
2	Transmission charge										
	(i) CTU charges										
	(ii) STU charges										
3	Power System charges										
	(i) ERLDC charges										
	(ii) ERPC charges										
	(iii) SLDC charges										
4	Employee Costs(Form 1.17 (i)& (i))										
	(i) Own Employees										
	(ii) Contractual Employees in regular establishment										
5	Operation & Maintenance - Expenses										
	(i) Repairs & Maintenance (excluding salaries etc. & stores)										
	(ii) Administrative & General expenses										
6	Statutory Charges										
7	Depreciation (Form B)										
8	Intangible Asset written off										
9	Expenses due to Penalty, Fines etc.										
10	Interest on Capital loan (from 1.20 (b))										
11	Interest on working Capital (from 1.17(b))										
12	Income Tax										
13	Other Finance Charge (Form 1.17 (c))										
14	Foreign Exchange rate variation on loan repayments (Form 1.17(d))										
15	Late payment surcharge										
16	Others (specify)										
	Overall (1.16)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NOT APPLICABLE

1 Under Employee Cost, cost of own and contracted manpower in regular establishments are to be shown separately.



Form 1.17 : Other expenses - Centrally maintained

Ref.	Particulars	Previous Year				Base Year		Ensuing Year	
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
		Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
A	Rent, Rates & Taxes (Other than taxes on income & profits)								
B	Insurance Premium Payable [Form 1.17 f]								
C	O&M expenses								
C1	Legal Charges								
C2	Consultancy Fees, charges and expenses								
C3	Auditors' Fees								
C4	License & Filing Fees								
C5	Travelling Expenses								
C6	Postage								
C7	Security Expenses								
C8	Intangible/ Obsolete Assets written off								
C9	Telephone, Telex, etc.								
C10	Vehicle Running & Maintenance Expenses								
C11	Repairs & Maintenance (excluding stores)								
C12	General Establishment Charges								
C13	Expense on marketing team								
C14	Loss On Fixed Asset Sold/Scrapped								
D	Interest								
(i)	Interest on Capital Expenditure, Loans & Public Deposits								
(ii)	Interest on Temporary Accommodation [Form 1.17 a]								
(iii)	Interest on Working Capital [Form 1.17 b]								
(iv)	Interest on Security Deposits								
(v)	(at rates specified by the Commission calculated on average basis)								
(vi)	Other Finance Charges [Form 1.17 c]								
(vii)	Lease Rental								
E	Bad Debts (see regulation 5.10.1)								
F	Depreciation								
G	Advance against Depreciation [Form 1.17 e]								
H	Employee costs & Directors' fees & expenses								
(i)	Salaries & Wages								
(ii)	Bonus / Exgratia								
(iii)	Contribution to Funds								
(iv)	Welfare Expenses								
(v)	Directors' fees & expenses								
(vi)	Payment to Contract Labours								
(ix)	Expense on special training								
(x)	Arrear cost								
(xi)	Prop.VRS Compensation Written Off								
(xiii)	Terminal Benefits (Retirement Gratuity)								
	Total Employee Cost								
W1	Income Tax								
	Overall (1.17)								

NOT APPLICABLE



Notes :

1. Expenditure chargeable to Revenue Account are only to be submitted.
2. If Expenses are taken at Gross basis, the total amount allocated/proposed to be allocated to Capital Account should be shown as deductions

Form 1.17 (a) : Water charges :Generating Station wise)

Annexure-I

Ref.	Particulars	Previous Years						Base Year			Ensuing Year			Rs. Lakhs
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2023-23	2023-24	2024-25	2025-26	2025-26		
		Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected	Projected	Projected			
1	Normative PLF (in %)	85	85	85	85	85	85	85	85	85	85	85		
2	Generation at Normative PLF (in MU)	2233.8	2233.8	2233.8	2233.8	2233.8	2233.8	2233.8	2233.8	2233.8	2233.8	2233.8		
3	Water Consumption at normative PLF (in KL)													
4	Spillage of water (in %)													
5	Source-wise water quantity (in KL)													
	(i) Source-1	67,01,400.00	67,01,400.00	67,01,400.00	67,01,400.00	67,01,400.00	67,01,400.00	67,01,400.00	67,01,400.00	67,01,400.00	67,01,400.00	67,01,400.00		
	(ii) Source-2													
6	Rate specified (as per govt.notification or agreement) (in Rs /lk)													
	(i) Source-1	17.48	17.48	17.48	17.48	17.48	17.48	20.65	21.68	22.77	23.90	23.90		
	(ii) Source-2													
7	Water charge claimed (5x6) (in Rs .Lakh)													
	(i) Source-1	1,171.40	1,171.40	1,171.40	1,171.40	1,171.40	1,171.40	1,383.89	1,453.03	1,525.68	1,601.97	1,601.97		
	(ii) Source-2													
	Total Water Charge	1,171.40	1,171.40	1,171.40	1,171.40	1,171.40	1,171.40	1,383.89	1,453.03	1,525.68	1,601.97	1,601.97		

Note :Water cess will be claimed separately as part of statutory charges.



Form 1.17 : Other expenses - Centrally maintained

Ref.	Particulars	Previous Year			Base Year		Ensuing Year		
		2018-19 Actuals	2019-20 Actuals	2020-21 Actuals	2021-22 Actuals	2022-23 Estimated	2023-24 Projected	2024-25 Projected	2025-26 Projected
A	Rent, Rates & Taxes (Other than taxes on income & profits)								
B	Insurance Premium Payable [Form 1.17 f]								
C	O&M expenses								
C1	Legal Charges								
C2	Consultancy Fees, charges and expenses								
C3	Auditors' Fees								
C4	License & Filing Fees								
C5	Travelling Expenses								
C6	Postage								
C7	Security Expenses								
C8	Intangible/ Obsolete Assets written off								
C9	Telephone, Telex, etc.								
C10	Vehicle Running & Maintenance Expenses								
C11	Repairs & Maintenance (excluding stores)								
C12	General Establishment Charges								
C13	Expense on marketing team								
C14	Loss On fixed Asset Sold/Scrapped								
D	Interest								
(i)	Interest on Capital Expenditure, Loans & Public Deposits								
(ii)	Interest on Temporary Accommodation [Form 1.17 a]								
(iii)	Interest on Working Capital [Form 1.17 b]								
(iv)	Interest on Security Deposits (at rates specified by the Commission calculated on average basis)								
(v)	Other Finance Charges [Form 1.17 c]								
(vi)	Lease Rental								
(vii)	Bad Debts (see regulation 5.10.1)								
E	Depreciation								
F	Advance against Depreciation [Form 1.17 e]								
G	Employee costs & Directors' fees & expenses								
(i)	Salaries & Wages								
(ii)	Bonus / Exgratia								
(iii)	Contribution to Funds								
(iv)	Welfare Expenses								
(v)	Directors' fees & expenses								
(vi)	Payment to Contract Labours								
(x)	Expense on special training								
(x)	Arrear cost								
(xi)	Prop.VRS Compensation Written Off								
(xiii)	Terminal Benefits (Retirement Gratuity)								
	Total Employee Cost								
W1	Income Tax								
	Overall [1.17]								

NOT APPLICABLE



Notes :

1. Expenditure chargeable to Revenue Account are only to be submitted.
2. If Expenses are taken at Gross basis, the total amount allocated/proposed to be allocated to Capital Account should be shown as deductions

Form 1.17 a: Interest on Temporary Accomodation

Particulars	Previous Year		Base Year		Ensuing Year		Rs. lakh	
	2018-19 Actuals	2019-20 Actuals	2020-21 Actuals	2021-22 Actuals	2022-23 Estimated	2023-24 Projected		2024-25 Projected
Opening Balance			0.00	0.00	0.00	0.00	0.00	0.00
Repayment for the year			0.00	0.00	0.00	0.00	0.00	0.00
Closing Balance			0.00	0.00	0.00	0.00	0.00	0.00
Interest on Temporary Accomodation			0.00	0.00	0.00	0.00	0.00	0.00
Total			0.00	0.00	0.00	0.00	0.00	0.00

Form 1.17 d: Foreign Exchange Rate Variation (FERV) - Yearwise

Particulars	Previous Year		Base Year		Ensuing Year		Rs. lakh
	2018-19 Actuals	2019-20 Actuals	2020-21 Actuals	2021-22 Actuals	2022-23 Estimated	2023-24 Projected	
For the Ensuing Year							
Loan 1							
Loan2 and so on.							
Overall							

NOT APPLICABLE

Form 1.17 f: Insurance Premium Paid

Particulars	Previous Year		Base Year		Ensuing Year		Rs. lakh
	2018-19 Actuals	2019-20 Actuals	2020-21 Actuals	2021-22 Actuals	2022-23 Estimated	2023-24 Projected	
Insurance for Plant & Machinery	128.48	44.43	222.06	200.76	213.44	226.91	241.24
Overall	128.48	44.43	222.06	200.76	213.44	226.91	241.24

Form 1.17 (e): Statutory Charges

Particulars	Previous Years		Base Year		Projections		
	2018-19 Actuals	2019-20 Actuals	2020-21 Actuals	2021-22 Actuals	2023-24 Projected	2024-25 Projected	2025-26 Projected
Licensee fees							
Application/petition filing fees before the Commission		10.00	10.00			10.00	
Electricity Duty							
Water Cess							
Municipal Tak							
Overall(1.6)							



17 b - Interest on Working Capital

Particulars	Previous Year						Base Year	Ensuing Year			Rs Lakhs							
	2018-19		2019-20		2020-21			2021-22		2022-23		Ensuing Year 1		Ensuing Year 2		Ensuing Year 3		
	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals		Actuals	Actuals	Estimated		Projected	Projected	Projected	Projected	Projected	Projected	Projected
Cost of Coal stock (pit head 10 days ,non-pit head 20 days)	192.97	85.63	703.00	1,922.73	4,271.24	4,129.57	4,151.22	6226.83	6226.83	6226.83	6226.83	6226.83	6226.83	6226.83	6226.83	6226.83	6226.83	
Advance payment of coal (30 days)	289.45	128.44	1054.50	2884.10	6406.86	6194.36	6194.36	6226.83	6226.83	6226.83	6226.83	6226.83	6226.83	6226.83	6226.83	6226.83	6226.83	
Cost of secondary fuel oil for 2 months	18.38	7.80	38.24	74.19	322.27	295.94	295.94	295.94	295.94	295.94	295.94	295.94	295.94	295.94	295.94	295.94	295.94	
(i) O & M expense for 1 month	226.89	235.51	254.27	263.99	274.26	281.97	281.97	292.57	292.57	292.57	292.57	292.57	292.57	292.57	292.57	292.57	292.57	
(ii) Employee cost for 1 month	139.44	109.41	337.03	354.90	373.75	411.08	411.08	435.04	435.04	435.04	435.04	435.04	435.04	435.04	435.04	435.04	435.04	
(iii) Water charges for 1 month	97.62	97.62	97.62	97.62	115.32	121.09	121.09	127.14	127.14	127.14	127.14	127.14	127.14	127.14	127.14	127.14	127.14	
Maintenance spare (20% of O & M and water charge for thermal generator, 15 % of O & M for hydro plant ,pumped storage,transmission and distribution)	778.82	799.51	844.54	867.86	935.01	967.33	967.33	1007.31	1007.31	1007.31	1007.31	1007.31	1007.31	1007.31	1007.31	1007.31	1007.31	
Receivables equivalent to 45 days	7,281.55	6,813.04	8,445.63	11,167.89	16,711.94	16,991.91	16,991.91	16,942.65	16,942.65	16,942.65	16,942.65	16,942.65	16,942.65	16,942.65	16,942.65	16,942.65	16,942.65	
Cash security deposit from transmission and /or distribution system users,as the case may be .																		
Working Capital Requirement =A+B+C+D+E+F-G	9706.32	8978.84	12521.75	18403.54	29410.65	29393.25	29393.25	29478.69	29478.69	29478.69	29478.69	29478.69	29478.69	29478.69	29478.69	29478.69	29478.69	
. Interest rate at SBI MCLR +250 basis point.	10.65	11.00	9.90	9.50	9.60	9.50	9.50	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	
. Interest on Working Capital	1033.72	987.67	1239.65	1748.34	2823.42	2792.36	2792.36	3183.70	3183.70	3183.70	3183.70	3183.70	3183.70	3183.70	3183.70	3183.70	3183.70	



1.17 (c) : Other Finance Charges

Rs. lakh

Particulars	Previous Year			Base Year		Ensuing Year		
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
Guarantee Commission	-	-	-	-	-	-	-	-
Front- End Fees	-	-	-	-	-	-	-	-
Bank Charges	0.37	0.12	0.21	0.21	2.00	2.00	2.00	2.00
Public Deposit and Advance against	-	-	-	-	-	-	-	-
L/C charges	3.32	-	0.15	0.84	4.00	7.00	7.00	7.00
Fees and Expenses for Restructuring	240.81	5.90	-	23.60	250.00	250.00	250.00	250.00
Cost of Hedging	-	-	-	-	-	-	-	-
Others (Interest for late payment of TDS, GST etc.)	-	14.11	-	-	-	-	-	-
IND AS adjustment	-	-	-	-	-	-	-	-
Overall	244.50	20.12	0.36	24.65	256.00	259.00	259.00	259.00



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Form 1.17 (h) : Break up of Employee Cost

Category / Sl No.	Particulars	Unit	Previous Years						Base Year			Ensuing Years						
			2018-19		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		2025-26	
			Actual	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	Estimated Actual	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment
Expenditure																		
1	Salary and Wages		1437.07		1006.05	58.92	3497.35	3693.38	40.00	3895.59	32.40	4284.82	38.35	4532.83	4788.03	41.32		
a	Basic Pay	Rs. lakh	550.67		465.76	58.92	1499.94	1592.95	40.80	1669.62	32.40	1836.44	38.95	1942.78	2095.40	11.32		
b	Dearness Allowances	Rs. lakh	852.40		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
c	Other Allowances	Rs. lakh	92.66		626.29		1998.41	2110.42		2225.97		2448.38		2590.05	2741.63			
2	Statutory Retirement Benefits	Rs. lakh	10.26		7.73		235.26	248.45		262.05		288.24		304.92	322.78			
a	Gratuity	Rs. lakh	10.26		3.50		1.00											
b	Company's contribution to PF	Rs. lakh	82.39		3.23		1.00											
c	Company's contribution to Pension Scheme	Rs. lakh	50.01		70.23		224.16	11.80		12.45		13.69		14.48	15.33			
3	Statutory Bonus and Ex-Gratia	Rs. lakh	41.14		46.11		147.13	295.65		249.61		274.54		280.44	307.43			
4	LTC	Rs. lakh	33.17		3.60		11.48	193.37		163.88		150.25		190.69	201.84			
5	Leave Encashment	Rs. lakh	15.87		30.33		95.79	102.22		107.81		118.59		128.45	132.79			
6	Costs on employees' welfare & compensation	Rs. lakh	3.36		4.13		5.16	6.45		6.07		10.08		12.60	15.75			
B	Contribution for gratuity to PF and if any	Rs. lakh																
C	Production Performance Incentive to Employees	Rs. lakh																
D	Number of Personnel	No.	93		26		125	21		134		330		330	330			
E	Number of Apprentices (average during this year)	No.																
F	Total Employee Cost	Rs. lakh	1,673.28		1,253.96	58.92	3,993.18	4,218.00	40.8	4,459.20	34.80	4,856.05	38.35	5,187.43	5,486.83	41.32		

Note:
 (i) In serial no. 7 of Category A under the head "Others", specific head to be mentioned. Incentive to employees to performance/ production shall not be included under the head, except C
 (ii) This form shall be filled up separately for each area of electricity business as specified in regulation 5.3.3 of these regulations.
 (iii) This form shall be filled up separately for each area of electricity business as specified in regulation 5.3.3 of these regulations.



Applicant

Form 1.17 (i): Details of arrear against wage revision

Year:

Category	Sl No.	Particulars	Unit	Arrear Annual Expenditure for the year concerned	
				Own Employees	Employees on Contract in Regular Establishment
A	Expenditure				
	1	Salary and Wages	Rs. lakh		
		a Basic Pay	Rs. lakh		
		b Dearness Allowances	Rs. lakh		
		c Other Allowances	Rs. lakh		
	2	Statutory Retirement Benefits	Rs. lakh		
		a Gratuity	Rs. lakh		
		b Company's contribution to PF	Rs. lakh		
		c Company's contribution to Pension Scheme	Rs. lakh		
	3	Statutory Bonus and Ex-Gratia	Rs. lakh		
	4	LTC	Rs. lakh		
	5	Leave Encashment	Rs. lakh		
	6	Workmen and staff welfare expenditure	Rs. lakh		
	7	Others, if any	Rs. lakh		
		a	Rs. lakh		
		b	Rs. lakh		
		c	Rs. lakh		
		Rs. lakh			
B	Contribution for shortfall in interest of PF Fund, if any		Rs. lakh		
C	Production/ Performance incentive to Employees		Rs. lakh		
D	Number of Personal		Nos.		

NOT APPLICABLE

Note:

(i) In the above submitted format production incentive shall not be included under any head as mentioned above. Specific head to be mentioned. Incentive to employees related to performance/ production shall not be included under any head, except C.

(ii) This form is to be filled for each ensuing year separately.

(iii) This form shall be filled up separately for each area of electricity business as specified in regulation 5.9.4 of these regulations.

Applicant



Form 1.17 (j) Statement of penalty / fine / cess etc.

Year: FY 2018-19

Rs. lakh

Name of Statute	Type of Payment	Amount	Reasons	Remedial measures
Environmental (Prevention) Act, 1986		0.00		
Income Tax Act, 1961		0.00		
Electricity Act, 2003		0.00		
Others		0.00		

Year: FY 2019-20

Rs. lakh

Name of Statute	Type of Payment	Amount	Reasons	Remedial measures
Environmental (Prevention) Act, 1986		0.00		
Income Tax Act, 1961		0.00		
Electricity Act, 2003		0.00		
Others		0.00		

Year: FY 2020-21

Rs. lakh

Name of Statute	Type of Payment	Amount	Reasons	Remedial measures
Environmental (Prevention) Act, 1986		0.00		
Income Tax Act, 1961		0.00		
Electricity Act, 2003		0.00		
Others		0.00		

Year: FY 2021-22

Rs. lakh

Name of Statute	Type of Payment	Amount	Reasons	Remedial measures
Environmental (Prevention) Act, 1986		0.00		
Income Tax Act, 1961		0.00		
Electricity Act, 2003		0.00		
Others		0.00		

Year: FY 2022-23

Rs. lakh

Name of Statute	Type of Payment	Amount	Reasons	Remedial measures
Environmental (Prevention) Act, 1986		0.00		
Income Tax Act, 1961		0.00		
Electricity Act, 2003		0.00		
Others		0.00		

Year: FY 2023-24

Rs. lakh

Name of Statute	Type of Payment	Amount	Reasons	Remedial measures
Environmental (Prevention) Act, 1986		0.00		
Income Tax Act, 1961		0.00		
Electricity Act, 2003		0.00		
Others		0.00		

Year: FY 2024-25

Rs. lakh

Name of Statute	Type of Payment	Amount	Reasons	Remedial measures
Environmental (Prevention) Act, 1986		0.00		
Income Tax Act, 1961		0.00		
Electricity Act, 2003		0.00		
Others		0.00		

Year: FY 2025-26

Name of Statute	Type of Payment	Amount	Reasons	Remedial measures
Environmental (Prevention) Act, 1986		0.00		
Income Tax Act, 1961		0.00		
Electricity Act, 2003		0.00		
Others		0.00		

Note:

- (i) This form is to be filled for each of the four previous years and base year
(ii) This form shall be filled up separately for each area of electricity business as specified in regulation 5.14.2 of these regulations



Applicant

Form 1.17 (k)

Cost of Outsourcing

Rs. Lakh

Heads	Cost	Scope of Work and Service to be Provided
a) Administration & General Expenses		
Call Centre		
Security Services		
Office Transportation		
Courier Services		
Retail Outlet Services		
Pre-paid Vending Machine Services		
Revenue Collection/ Billing Services		
b) Repair & Maintenance Expenses		
Services	643.0	Maintenance Service of BTG+BOP Mechanical,C&I,Electrical System including OEM/Expert Services
Spares		
Consumables		
Manpower		
c) Operational Services	358.0	Operation of WTP,Main plant field operation,House keeping
d) Management Services	96.0	KPMG

Applicant



Form 1.18 : Original Cost of Fixed Assets

Ref	Particulars	Previous Year						Base Year			Ensuing Year				
		2018-19		2019-20		2020-21		2021-22		2022-23	2023-24		2024-25		2025-26
		Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected	Projected	
[1]	Generation Assets														
	Hiranmaye Energy- Haldia Plant (Unit # 1 & 2)	272195.00	272195.00	272195.00	272195.00	272195.00	272195.00	272195.00	272195.00	279597.10	280774.05	280774.05	301848.55		
[2]	Generation Assets-Total	272195.00	272195.00	272195.00	272195.00	272195.00	272195.00	272195.00	272195.00	279597.10	280774.05	280774.05	301848.55		
[3]	Transmission Assets														
[4]	Distribution Assets														
[5]	Metering Assets														
[6]	Other Assets														
[6]	Less: Contribution from consumers including advance from them														
[7]	Total (1+2+3+4+5-6)	272195.00	272195.00	272195.00	272195.00	272195.00	272195.00	272195.00	272195.00	279597.10	280774.05	280774.05	301848.55		

Rs. Lakh

Note

- 1) As per last audited accounts (FY 2019-20), capital assets are yet to be capitalized and are still reflecting under CWIP.
- 2) The Assets have been capitalized in the books on 30.09.2020



Applicant

Form 1.18(a): Original Cost of Works in Progress for Unit 1 & 2

Ref	Particulars	Previous Year				Base Year		Ensuing Year		
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	
		Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected	
1	Opening Balance	0	0	0	0	0	0	0	0	
2	Additional capital expenditure for the year	0	0	0	0	0	7402	1177	21075	
3	Amount transferred to Fixed Assets	0	0	0	0	0	7402	1177	21075	
4	Closing Balance	0	0	0	0	0	0	0	0	
	Total	0	0	0	0	0	0	0	0	

Rs. Lakh

Applicant



Form 1.18 (b): Intangible assets

Rs. lakh

Ref	Particulars	Previous Year				Base Year		Ensuing Year		
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	
		Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected	
1	Cumulative Opening Balance	65.87	65.87	65.87	65.87	65.87	65.87	65.87	65.87	
2	Cost incurred during the year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Gross Intangible Asset at the end of the year (1+2)	65.87	65.87	65.87	65.87	65.87	65.87	65.87	65.87	
4	Cumulative Amount written off at the beginning of the year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	Amount written off during the year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	Cumulative amount written off at the end of the year (4 + 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Cumulative Closing Balance (Gross) [3 - 6]	65.87	65.87	65.87	65.87	65.87	65.87	65.87	65.87	



Applicant

Form 1.18 (c) (i): Investments

Rs. lakh

Ref	Particulars	Previous Year				Base Year	Ensuing Year		
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
		Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
	Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Form 1.18 (c) (ii): Income from Investments

Rs. lakh

Ref	Particulars	Previous Year				Base Year	Ensuing Year		
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
		Actuals	Actuals	Actuals	Actuals	Estimated Actual	Projected	Projected	Projected
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
		NOT AVAILABLE							
	Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Form 1.18 (d) :Decapitalised Asset

SI No	Asset Name	COD	Date of Decapitalisation	Cost of acquisition as on date of decapitalisation	Depreciation and AAD charged upto the date of decapitalisation	Sale proceeds Received,if any	Gain or loss on sale of decapitalised asset ,if any
			NOT APPLICABLE				



Ref	Particulars	Previous Year				Base Year	Ensuing Year		
		2018-19 Actuals	2019-20 Actuals	2020-21 Actuals	2021-22 Actuals	2022-23 Estimated	2023-24 Projected	2024-25 Projected	2025-26 Projected
I.	Plan								
A	General Capital Expenditure								
1	Generation Capital Expenditure						7402.1	1176.95	21074.5
	Station wise								
	Station 1								
	Station 1-Total	0.00	0.00	0.00	0.00	0.00	7402.10	1176.95	21074.50
	Station 2 and so on								
	Station 2-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Overall Generation Capital Expenditure	0.00	0.00	0.00	0.00	0.00	7402.10	1176.95	21074.50
3	Transmission Capital Expenditure								
	Distribution Capital Expenditure								
	Overall Distribution Capital Expenditure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Overall General Capital Expenditure (1+2+3)	0.00	0.00	0.00	0.00	0.00	7402.10	1176.95	21074.50
B	Special Projects as per Note 2 of Form 1.18								
	Generation								
	Transmission								
	Distribution								
	Generation-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Transmission								
	Distribution								
	Distribution-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Overall Special Projects	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	Capital Expenditure for Plan (A+B)	0.00	0.00	0.00	0.00	0.00	7402.10	1176.95	21074.50
II.	Non-Plan								
D	General Capital Expenditure								
1	Generation Capital Expenditure								
	Station wise								
	Station 1								
	Station 1-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Station 2 and so on								
	Station 2-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Overall Generation Capital Expenditure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Transmission Capital Expenditure								
	Distribution Capital Expenditure								
	Overall Distribution Capital Expenditure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Overall General Capital Expenditure (1+2+3)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	Special Projects as per Note 2 of Form 1.18								
	Generation-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Transmission								
	Distribution-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Overall Special Projects	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F	Capital Expenditure for Non-Plan (D+E)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Overall Capital Expenditure (C+F)	0.00	0.00	0.00	0.00	0.00	7402.10	1176.95	21074.50

Note:

- To be specified separately for the previous year, current year and the ensuing year
- Plan and Non- Plan expenditure are to be shown separately.
- Expenditure should include Interest during construction.
- Overall amount of expenditure should be limited to the amount admitted by the Commission
- This format shall be submitted with perspective plan in pursuance to Schedule - 2



Applicant

Ref	Particulars	Original Project Cost (as latest approved)	Cumulative Expenditure Actuals	Cumulative Expenditure As approved by the Commission	Previous Years			Base Year	Ensuing Year			Expenditure to be spilled beyond
					2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	
I	Plan											
A	Capital Expenditure Plan for the existing on going Projects											
	Stationwise											
(a)	Generation Capital Expenditure											
	Hiranmaye Energy Limited - Unit # 1 & 2								7402.1	1176.95	21074.5	
	Generation-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7402.10	1176.95	21074.50	0.00
(b)	Transmission Capital Expenditure											
(c)	Distribution Capital Expenditure											
	Distribution-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Overall Capital Expenditure Plan for existing on going Projects	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7402.10	1176.95	21074.50	0.00
B	Capital Expenditure Projects completed in the last previous year(s) or to be completed in the Base year											
	Projectwise											
(a)	Generation Capital Expenditure											
	Generation-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(b)	Transmission Capital Expenditure											
(c)	Distribution Capital Expenditure											
	Distribution-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Overall Capital Expenditure Projects completed in the last previous year(s) or to be completed in the Base Year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	Capital Expenditure Programme for new projects for which Investment Plan submitted for approval of the Commission											
	Projectwise											
(a)	Generation Capital Expenditure											
	Generation-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(b)	Transmission Capital Expenditure											
(c)	Distribution Capital Expenditure											
	Distribution-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Expenditure Programme for new projects or which Investment Plan submitted for approval of the Commission	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D	Capital Expenditure for Plan (A+B+C)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7402.10	1176.95	21074.50	0.00
II.	Non-Plan											
E	Capital Expenditure Plan for the existing on going Projects											
	Stationwise											
(a)	Generation Capital Expenditure											
	Generation-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(b)	Transmission Capital Expenditure											
(c)	Distribution Capital Expenditure											
	Distribution-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Overall Capital Expenditure Plan for existing on going Projects	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F	Capital Expenditure Projects completed in the last previous year(s) or to be completed in the Base year											
	Projectwise											
(a)	Generation Capital Expenditure											
	Generation-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(b)	Transmission Capital Expenditure											
(c)	Distribution Capital Expenditure											
	Distribution-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Overall Capital Expenditure Projects completed in the last previous year(s) or to be completed in the Base Year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G	Capital Expenditure Programme for new projects for which Investment Plan submitted for approval of the Commission											
	Projectwise											
(a)	Generation Capital Expenditure											
	Generation-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(b)	Transmission Capital Expenditure											
(c)	Distribution Capital Expenditure											
	Distribution-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Expenditure Programme for new projects or which Investment Plan submitted for approval of the Commission	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H	Capital Expenditure for Non-Plan (E+F+G)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Overall Capital Expenditure (D+H)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7402.10	1176.95	21074.50	0.00

- Note
1. To be specified separately for the previous year(s), base year and the ensuing year(s)
 2. Plan and Non-Plan expenditure are to be shown separately.
 3. Expenditure should include Interest during construction but to be indicated separately
 4. For the Base year and the ensuing year(s) which has already passed related to a control period, the actual expenditure is to be provided.
 5. This format shall be submitted with perspective plan in pursuance to Schedule - 2



Form 1.19 (c) : Project Specifications

Ref	Name of the Project with brief description	As approved in Investment Plan		Latest approved revision		Target set upto last previous year (Rs. lakh)	Target achieved upto last previous year (Rs. lakh)	Cumulative Expenditure upto last previous year (Rs. lakh)	Cumulative Expenditure upto last previous year (Rs. lakh)	Reason for variation	Estimated Target date of completion	Estimated Project Cost (Rs. lakh)	Ending Year			Expenditure to be incurred beyond beyond Control Period
		Target date of completion	Original Project Cost (Rs. lakh)	Target date of completion	Original Project Cost (Rs. lakh)								2023-24	2024-25	2025-26	
A. Plan								Actuals				Actuals/ Estimated		Actuals/ Estimated		
LIST BEING SUBMITTED SEPARATELY																
Projectwise																
(a)	Generation Capital Expenditure															
	Generation Total		0.00		0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00
(b)	Transmission Capital Expenditure															
(c)	Distribution Capital Expenditure															
	Distributions Total		0.00		0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00
(d)	Capital Expenditure for Plan (a+b+c)		0.00		0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00
B. Non-Plan																
Projectwise																
(e)	Generation Capital Expenditure															
	Generation Total		0.00		0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00
(f)	Transmission Capital Expenditure															
(g)	Distribution Capital Expenditure															
	Distributions Total		0.00		0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00
(h)	Capital Expenditure for Non-Plan (e+f+g)		0.00		0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00
	Overall Capital Expenditure (d+h)		0.00		0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00

Note:
 1. Plan and Non-Plan expenditure are to be shown separately.
 2. Expenditure should include interest during construction to be indicated separately.
 3. The reasons for time over run and consequential cost over run are to be specifically mentioned. In the event of actual expenditure is more than the approved expenditure then separate approval is to be obtained from the commission as per the applicable provisions.
 4. For the Base year and ensuing year(s) which has already passed related to a control period, the actual expenditure is to be provided.
 5. This format shall be submitted with perspective plan in pursuance to Schedule - 2.



Applicant

Form 1.20 a : Equity Base

Rs. Lakh

Sr.no.	Particulars	Previous Year				Base Year		Ensuuing Year		
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	
		Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected	
1	Actual equity base at the beginning of the year	76087.01	76087.01	76087.01	76087.01	76087.01	76087.01	78307.64	78660.73	
2	Admissible equity base at the beginning of the year	76087.01	76087.01	76087.01	76087.01	76087.01	76087.01	78307.64	78660.73	
3	Actual addition/deletion to equity base during the year	0.00	0.00	0.00	0.00	0.00	2220.63	353.09	6322.35	
4	Actual Equity base at the end of the year(1+3)	76087.01	76087.01	76087.01	76087.01	76087.01	78307.64	78660.73	84983.08	
5	Net addition to the original cost of fixed assets during the year(vide submission in form 1.18)	0.00	0.00	0.00	0.00	0.00	7402.10	1176.95	21074.50	
6	Less: Asset created in terms of regulation 5.15.1(iv),if any	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Net addition to the original cost of fixed assets during the year other than assets created in terms of regulation 5.15.5(iv)	0.00	0.00	0.00	0.00	0.00	7402.10	1176.95	21074.50	
8	Normative addition to equity base(30% of 7)	0.00	0.00	0.00	0.00	0.00	2220.63	353.09	6322.35	
9	Addition to the equity base considered for the year (lower of 3 and 8)	0.00	0.00	0.00	0.00	0.00	2220.63	353.09	6322.35	
10	Add:Asset created in terms of regulation 5.15.5(iv)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	Addition in equity base during the year for the purpose of computation of return(9+10)	0.00	0.00	0.00	0.00	0.00	2220.63	353.09	6322.35	
12	Admissible equity base at the closing of the year (2+11)	76087.01	76087.01	76087.01	76087.01	76087.01	78307.64	78660.73	84983.08	
13	Average admissible equity base for allowing returns (2+12)/2	76087.01	76087.01	76087.01	76087.01	76087.01	77197.33	78484.18	81821.90	



Applicant

Capex items 23-24						
Sl. No.	Department	Area/Equipment	Detail of Item	Justification	Quantity Proposed	Price (INR)
1	WTP Operation	Patch test kit-DM Lab	A Patch test is a qualitative method for testing oil for both 'hard' and "soft contaminants". Hard contaminants mean wear particles or dust particles. Soft Contaminants means Sludge/Varnish.	Portable Oil Patch Test Kit is an important tool for identifying and monitoring contamination level in oils like Hydraulic Oils, Lube Oils, Turbine Oils etc.	1 Set	4,00,000.00
2	WTP Operation	Platform Balance (500kg)-DM Lab	Platform scales are used in to weigh bulky items such as coal, or to count a very high amount of smaller pieces such as screws, bolts or mechanized part	High capacity and heavy duty platform balance is require for measurement for BD of coal and Raw coal sizing purpose	1 No	50,000.00
3	WTP Operation	Riffle coal splitter / Divider-Coal Lab	The machine is used for coal sample separation purpose during sample preparation	This equipment is required for sample preparation, quarter/connig of coal samples. This will speed up the sampling process & enable Lab to handle large number of samples.	1 No	20,000.00
4	WTP Operation	New Laboratory Analytical bench, furniture & Fume hood	The furniture shall be require for Propose lab	Analytical bench, Fume hood basin, cabinets for reagents, instruments and spare	1 No	12,00,000.00
5	WTP Operation	DM Plant	Bulk Density cylinder	This is required for measuring the bulk density of coal during Physical Verification of Coal Heaps.	1 No	18,000.00
6	WTP Operation	DM Plant	Spectro Photo meter	This is an instrument for measuring presence of Silica, Phosphate, Iron, Hydrazine etc. by a light beam at different wavelength.	1 No	5,00,000.00
7	WTP Operation	DM Plant	Lab conductivity meter	For measuring the level of conductivity in Solutions.	1 No	1,70,000.00
8	WTP Operation	DM Plant	Bomb Calorimeter	For measuring Coal Gross Calorific Value	1 No	24,00,000.00
9	WTP Operation	DM Plant	pH/ORP meter	For measuring pH value & monitoring of Oxidation reduction potential.	1 No	1,20,000.00
10	MMD	BTG & BOP	Vibration analyzer	Vibration analyzer required to handle large number of equipment's vibration monitoring.	1 No	20,00,000.00
11	MMD	BTG & BOP	Slotting and Lathe machine	To develop small workshop inside plant to handle regular & small machining jobs.	2 No	9,44,000.00
12	MMD	Turbine	L P Turbine Blades	These are insurance nature items of long lead delivery. It is essential to have these in stock to meet any emergency requirements OR the break down may extend to months for want of these blades.	1 Set	2,00,00,000.00
13	MMD	Turbine	Turbine enclosure (02 Set)	This is required to meet the ambient sound level as per the MOEF conditions.	2 Set	1,88,80,000.00
14	MMD	Turbine	BFP enclosure (04 Set)	This is required to meet the ambient sound level as per the MOEF conditions.	4 Set	1,10,92,000.00
15	MMD	BOILER	Hydraulic tube bending machine	This is required for fabrication of tube bends.	1 Set	5,00,000.00
16	MMD	BOILER	PMI machine	Machine is required for Identification of the type of the material as well as its material composition, especially for insitu applications.	1 Set	14,16,000.00
17	MMD	BOILER	Hardness testing machine	Machine is required for hardness testing of materials.	2 Set	2,50,000.00
18	MMD	BOILER	Quick Erect Aluminum Alloy Modular Boiler Scaffold System	This is required for Scaffolding inside the Boiler during the Overhauls/Shut Downs for Boiler Inspection including Statutory Inspection.	1 No	7,00,00,000.00
19	MMD	BOILER	Pneumatic Torque Wrench 3100 FTLB	This is required for reducing time for tightening of Nut-bolts.	1 No	8,90,000.00
20	MMD	BOP	Pipe line for modification of hydrant and spray line	This is required for bringing the pipe lines over ground for easy detection & repairing of leakages & also to complete the Fire line ring header.		1,00,00,000.00
21	MMD	BOP	AVGF (Auto valveless gravity Filter), Purpose for reduce the TURBIDITY of CW water	No of Vessels: 5 (4W+1S) Capacity: 250 m3 each Source of water: CW water Side stream filtration systems reduce suspended solids and debris in the system cooling water, which leads to less fouling in the system.	1 Set	3,00,00,000.00
22	MMD	Fire Detection & Protection (FDPS) System	FDPS work for fire NOC	FDPS work in Canteen, Stores, Workshop, Balance conveyors as per observations & recomendation in the Part Fire NOC		71,00,000.00
23	MMD	BOP	Completion of unit 2 air washer system	Completion of unit 2 air washer system		4,60,000.00
24	MMD	BOP	CT fan carbon fiber shaft	For better reliability & Reduce vibrations.	7 Nos	35,00,000.00
25	MMD	BOP	Ductable AC for CW & CEP VFD	Air conditioning system for the proposed VFDs in CEP & CW Pump		75,00,000.00
26	MMD	BOP	Turbo ventilator fan	For air ventilation in Stores & Workshop area.	20 Nos	4,00,000.00
27	MMD	BOP	FRP Cooling Tower for AHP Compressor and Dryers	For better reliability and enhancing the performance of Ash conveying system compressors and air dryers.		41,00,000.00
28	MMD	BOP	Desiccant type air dryer for Plant Air compressor system	Presently refrigerant cooled air dryer installed which was frequently breakdown due to the failure of Evaporator coils.	1no	25,00,000.00
29	MMD	BOP	Tower AC(Verticool) for Main CCR, EER#1&2	Enhance the Room Temperature cooling to avoid the malfunction/failure of modules/control cards	10nos	15,00,000.00
30	EMD	Electrical Lab	Testing Lab	Testing instruments and lab is required to facilitate in time testing of either faulty or periodical test of the equipment inside the plant.		15,00,000.00
31	EMD	Inside plant street light	Street lights	Street lights are not installed besides the road and boundary wall of the plant from the project period and the same are creating unsafe conditions.	257 Nos	88,50,000.00
32	EMD	Overall Plant (Illumination)	Conventional lights replacement with LED	Use of LEDs in place of conventional lights may reduce lighting power cost up to 45%. So, it is proposed to replace the coventional lights by LEDs in phase manner.	LS	60,00,000.00
33	EMD	ESP 1 & 2	ESP Emission Improvement Control System.	Upgrade the ESP to meet the emission requirements all the times even with Worst of the Coal (High Ash Content)	2 Set	11,00,00,000.00



34	EMD	Unit 1 CEP Unit 2 CEP CW pump	VFD installation for CEP and CW pumps	VFD installation in CEP and CW motors are proven to reduce APC at significant value in other plants. Keeping in view of that, it is proposed to install VFDs in these pumps in our plant also.	3 Set	6,00,00,000.00
35	EMD	Overall Plant (Electrical)	Energy Management System (EMS)	To monitor the energy consumption pattern of various equipment in different condition may help to operate the equipment in energy efficient manner. So, EMS system is proposed to monitor the equipment energy consumption pattern.	LS	50,00,000.00
36	EMD	Switchyard	Switchyard Scada upgradation	The existing SCADA operating system is obsolete now and in future if any problem occurs, it may affect the switchgear operation and monitoring of the running parameters. So, it is proposed to upgrade the system.	1	90,00,000.00
37	C&I	APH	Additional O2 Analyzer at APH I/L	For measuring Oxygen level at APH Inlet for better reliability.		28,00,000.00
38	C&I	C&I Lab	Lab Instruments for PCB repairing	These are the Generic tools for repair of PCB card.		5,00,000.00
39	C&I	Diode Module	Diode Module for Max DNA DCS Power System	Presently there are no diode module in existing scheme for 24 Volt DC Paralleling	500 nos	15,00,000.00
40	C&I	Impulse Tube, Fittings and Valves	Impulse Tube, Fittings and Valves for Field Instruments	Existing Impulse lines are in rusted condition, High pressure lines needs to be changed in phase manner	5000 Meter	20,00,000.00
41	C&I	Max Dna DCS SMPS Replacement	Max DNA DCS SMPS Replacement	Existing SMPS for 24 Volt Power Supply does not have any O/P Isolation & Non Reliable Performance	450 Nos	17,00,000.00
42	C&I	BOP UPS Batter Bank	BOP UPS Batter Bank Replacement	End of life, will be replaced in phase manner	150 Nos	5,00,000.00
43	CHP	CHP- Conveyor	Gear box for Conveyor-5	As this is very long lead item and availability of Stacker is essential hence it be taken.		15,00,000.00
44	CHP	CHP- Hopper	DS System For Hopper	To suppress the fugitive Coal dust during unloading in the Coal Hopper. This is for preventing fugitive coal dust to adjoining villages.	2	20,00,000.00
45	CHP	CHP- Yard	DS System For Stacker	To suppress the fugitive Coal dust during Stacking & Reclaiming in the Coal Yard. This is for preventing fugitive coal dust to adjoining villages.	1	6,00,000.00
46	CHP	CHP- Yard	Water Canon for Coal Yard	To suppress the fugitive Coal dust during Stacking & Reclaiming in the Coal Yard. This is for preventing fugitive coal dust to adjoining villages.	4	20,00,000.00
47	CHP	CHP- Bunker	DE System	This is required to capture dust during Coal Bunkering. It is as per the MOEF requirements.	1	40,00,000.00
48	CHP	CHP- Stacker	Stacker Slew Bearing	As this is very long lead item and availability of Stacker is essential hence it be taken.	1	80,00,000.00
49	AHP	ESP	1st Field fly ash conveying capacity enhancement	1. First Field ESP ash conveying capacity is falling short of expectations. 2. ESP hopper getting high level & Field tripped frequently. 3. This is required to enable SPM within the norms even while using the worst coal.	2	5,00,00,000.00
50	AHP	MRHS(Mill Reject)	Readiness of Mill reject System(MRHS)	For easy handling of Coal Mill reject.	2	5,00,00,000.00
51	AHP	Bottom Ash Hopper	Bottom Ash D-ashing & store in DWB in place of slurry sump(200NB MS pipes heavy thickness)	Bottom Ash D-ashing & store in DWB in place of slurry sump 1. Reduce the auxiliary power 2. Reduce the maintenance cost	2	37,50,000.00
52	HSE	Fire Tender	New Multipurpose fire tender with accessories	Old fire tender body, lockers, water tank has completely corroded which needs complete replacement. Foam system is not operational. Chassis and engine needs complete overhauling.	1	70,00,000.00
53	HSE	Fire fighting equipment	Trailer Fire pump with accessories, suction and delivery hose, packing platform	The equipment to be kept at site for emergency operation of fire fighting, in case of area flooding as per Factories Act and IS	1	15,00,000.00
54	HSE	Environment monitoring equipment	Online Ambient Monitoring Machine (CAAQMS) (Capex)	Requirement of EC compliances. As per EC, at least three numbers of Ambient air quality monitoring station should be installed for the monitoring of Ambient air quality as per the Emission regulation Part III of CPCB	1	80,00,000.00
55	Civil	Adm'n Building	Balance Job for Admin Building	Civil, Electrical, ACs, Furnishing of Admin building.		3,00,00,000.00
56	Civil	Roads & Drains	Balance job	Balance road inside the plant for better infrastructure at site.		10,00,00,000.00
57	Store	Store	Forklift	For material handling and shifting at store and it can be used in any other location for shifting and unloading of material.	1	9,00,000.00
58	Store	Store	Vaccum Cleaner	Cleaning the material on regular basis of storage bin material	1	25,000.00
59	Store	Store	Floor Cleaner	Cleaning the floor on regular basis of store area	1	25,000.00
60	Store	Store	Manual Trolley	Shifting of small material from one location to another location	1	25,000.00
61	Store	Store	Air Blower	Cleaning the material on regular basis of storage bin material	1	25,000.00
62	IT	IT	SAP HANA	Implementation of SAP HANA		3,00,00,000.00
63	CHP	CHP, Stores & Main Plant	Heavy Earth Moving Equipment i. Wheel Loader with Bucket (2 nos.): Rs.60,00,000/- each. ii. Hydraulic Excavator (2 nos.): Rs.58,00,000/- each. iii. Multi-axle Tipper (2 nos.): Rs.40,00,000/- each. iv. 14MT Hydra: Rs.20,00,000/- each	Lifting and shifting of material across Site, for daily operations and maintenance works	1	3,36,00,000.00
Total						74,02,10,000.00

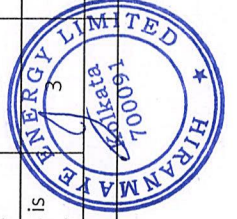


Capex items 24-25						
Sl. No.	Department	Area/Equipment	Detail of Item	Justification	Quantity Proposed	Price (INR)
1	O&E	Digital pyrometer		For measurement of Boiler/Furnace temperatures	2	5,00,000.00
2	WTP	Chlorine di Oxide Generator (Purpose for chlorination of Filtered water)	No. of streams : 2 (1W+1S) Capacity of each generator : 10 kg/hr. Type : Submerged/ encapsulated The ClO2 generator unit Skid mounted unit	Chlorine dioxide has the advantage that it produces less harmful byproducts than chlorine. Chlorine and chlorine dioxide are both oxidizing agents (electron receivers). However, chlorine has the capacity to take in two electrons, whereas chlorine dioxide can absorb five. This means that, mole for mole, ClO2 is 2.6 times more effective than chlorine.		10,00,000.00
3	WTP- Chemical Lab	Measurement of Total Acid Number in Oil (TAN)	TAN is a measurement of acidity that is determined by the amount of potassium hydroxide in milligrams that is needed to neutralize the acids in one gram of oil.	Acid Number (AN) is an indicator of oil serviceability. It is useful in monitoring acid buildup in oils due to depletion of antioxidants.		5,50,000.00
4	CIVIL	Admin Building	Balance Job for Admin Building	Civil, Electrical, ACs, Furnishing of Admin building.		2,00,00,000.00
5	MMD	BOP	CT fan carbon fiber shaft	Balance 7 CT Fans' Shafts for reliability & reduce vibrations.	7	35,00,000.00
6	MMD	BOP	Crusher and pulverizer	For coal sample preparation	1	10,00,000.00
7	MMD	BOP	Desiccant type air dryer for Plant Air compressor system	Presently refrigerant cooled air dryer installed which was frequently breakdown due to the failure of Evaporator coils.	3nos	75,00,000.00
8	MMD	BOP	HVAC system	Upgradation of BTG HVAC system		40,00,000.00
9	EMD	Overall Plant (Illumination)	Conventional lights replacement with LED	Use of LEDs in place of conventional lights may reduce lighting power cost up to 45%. So, it is proposed to replace the conventional lights by LEDs in phase manner.	LS	40,00,000.00
10	EMD	Overall Plant (Electrical)	System reliability and improvement	Modifications like: 1. Insulating floor coating in place of regular insulating rubber mats. 3. Time to time various modifications to increase system reliability.	LS	50,00,000.00
11	EMD	Generator	Generator rotor	Generator is crucial part of a power plant and the fault in generator, if occurred, needs OEM/highly expertise, knowledge and technology. A faulty part of generator takes a very long time in procurement and the waiting period may go up to an year. So, it is recommended to keep maximum of the spare parts available whose failure in the other plants have been experienced.	1	3,00,00,000.00
12	EMD	CT fan	CT fan VFD	Reduction in Auxiliary Power Consumption for Unit 1	4	50,00,000.00
13	C&I	Impulse Tube, Fittings and Valves	Impulse Tube, Fittings and Valves for Field Instruments	Existing Impulse lines are in rusted condition, High pressure lines needs to be changed in phase manner	5000 Meter	20,00,000.00
14	C&I	Max Dna DCS SMPS Replacement	Max DNA DCS SMPS Replacement	Existing SMPS for 24 Volt Power Supply does not have any O/P Isolation & Non Reliable Performance	450 Nos	17,00,000.00
15	C&I	BOP UPS Batter Bank	BOP UPS Batter Bank Replacement	End of life, will be replaced in phase manner	150 Nos	5,00,000.00
16	CHP	CHP Crusher	Crusher rotor for Crusher 4	This is a wear part of Crusher may need replacement in 5/6 Years.	1	5,00,000.00
17	CHP	CHP- Stacker	Stacker-Slew Gear	As this is very long lead item and availability of Stacker is essential hence it be taken.	1	40,00,000.00
18	AHP	SILO	Gear Box Unit for Unloading spout	As this is very long lead item and availability of Silo is essential hence it be taken.	1	4,00,000.00
19	AHP	Clarifier Drive Unit	Gear Box Flash Mixture, Model No V500 SOS, Ratio 25:1	As this is very long lead item and availability of Clarifier is essential hence it be taken.	1	4,00,000.00
20	AHP	Clarifier Drive Unit	Gear Box Bridge Drive , Model No V500 , Ratio 70:1	As this is very long lead item and availability of Clarifier is essential hence it be taken.	1	5,00,000.00
21	AHP	Clarifier Drive Unit	Gear Box Paddle Drive , Model No U400 , Ratio 50:1	As this is very long lead item and availability of Clarifier is essential hence it be taken.	1	6,00,000.00
22	HSE	Environment monitoring equipment	Online Ambient Monitoring Machine (CAAQMS) (Capex)	Requirement of EC compliances. As per EC, at least three numbers of Ambient air quality monitoring station should be installed for the monitoring of Ambient air quality as per the Emission regulation Part III of CPCB	1	88,00,000.00
23	HSE	Rainwater harvesting	Rainwater harvesting facility to be developed	As per EC, adequate provision should be made for harvesting of rain water. The unit may develop water body of adequate capacity to harvest rainwater.		40,00,000.00
24	HSE	STP facility	Development of STP facility in the complex	As per CTO condition, pt. no 8 comprehensive facility for treatment of domestic liquid waste (sewage, sludge and liquid effluent generated from Canteen)		1,20,00,000.00
25	Store	Store	Hand Pallet	Shifting of material from one location to another one within store	1	25,000.00
26	Store	Store	Almirah	For record keeping	2	20,000.00
27	Store	Store	Electric Rickshaw	Material collection from transporter godown and shifting from one location to another location	1	2,00,000.00
Total						11,76,95,000.00



Capex items 25-26

Sl. No.	Department	Area/Equipment	Detail of Item	Justification	Quantity Proposed	Price (INR)
1	CIVIL	CHP	Rail Corridor from Basulia Sutahata to Plant including Wagon Tippler	For smooth Coal transportation to Plant by Rail from Mines	1	2,00,00,00,000.00
2	MMD	Turbine	BFP Cartridge assembly Model FK6D30	As this is very long lead item and availability of BFP is essential for the availability of Unit, hence it be taken.		1,20,00,000.00
3	MMD	Boiler	Coal mill complete gearbox assembly	As this is very long lead item and availability of Coal Mills is essential for the availability of Unit, hence it be taken.	1	1,00,00,000.00
4	MMD	Boiler	ID fan impeller	As this is very long lead item and availability of ID Fan is essential for the availability of Unit, hence it be taken.	1	45,00,000.00
5	EMD	Transformer	Generator Transformer, 200 MVA	Generator transformer is crucial part of a power plant and the fault in GT, if occurred, needs OEM/highly expertise, knowledge and technology. A faulty part of transformer takes a very long time in procurement and the waiting period may go up to an year. So, it is recommended to keep maximum of the spare parts available whose failure in the other plants have been experienced.	1	7,00,00,000.00
6	EMD	CT fan	CT fan VFD	Reduction in Auxiliary Power Consumption Unit 2	4	50,00,000.00
7	C&I	Impulse Tube, Fittings and Valves	Impulse Tube, Fittings and Valves for Field Instruments	Existing Impulse lines are in rusted condition, High pressure lines needs to be changed in phase manner	5000 Meter	20,00,000.00
8	C&I	Max Dna DCS SMPS Replacement	Max DNA DCS SMPS Replacement	Existing SMPS for 24 Volt Power Supply does not have any O/P Isolation & Non Reliable Performance	450 Nos	17,00,000.00
9	CHP	CHP Crusher	Crusher rotor for Crusher 3	This is a wear part of Crusher may need replacement in 5/6 Years.	1	7,50,000.00
10	AHP	Dewater Bin	De Watering Bin Discharge Gate set	As this is very long lead item, also this is required for better system availability	1	11,00,000.00
11	AHP	BA Hopper	Jet Pump complete assembly set	As this is very long lead item, also this is required for better system availability		4,00,000.00
Total						2,10,74,50,000.00



Form 1.20(b) : Normative Loan (Actual Loan + Equity in excess of 30 % of Asset)

Ref.	Particulars	Derivative	Previous Years					Base Year		Ensuing Year		Rs. Lakhs
			2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26		
			Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected		
1	Approved GFA at the beginning of the year (excluding Fixed Asset out of grant, deposit work, contributions)											
2	Admissible Equity Base at the beginning of the year (form 1.20 (b))	A	272195.00	272195.00	272195.00	272195.00	272195.00	279537.10	280774.05	301848.55	217395.00	
3	Opening Gross Normative Loan	B	76087.01	76087.01	76087.01	76087.01	76087.01	76087.01	78307.64	78660.73		
4	Cumulative depreciation and AAD, if any upto previous year	C=A-B	196107.99	196107.99	196107.99	196107.99	196107.99	203510.09	202466.41	223187.83		
5	Open balance of Net Normative Loan	Derivative E=C-D	9555.53	19111.06	28666.58	38222.11	47777.63	57333.16	71528.47	85950.28		
6	Net additions to the original cost of fixed assets during the year (vide submission in form 1.18) other than asset created under regulation 5.15.1 (iv) as per SI 7 of form 1.20 (a)	F	186552.46	176996.93	167441.41	157885.88	148330.36	146176.93	130937.94	137237.55		
7	a) Actual additional equity during the year as per SI 9 of form 1.20(a)	G	0	-	-	0	-	7402.10	1,176.95	21,074.50		
8	b) Add. 70% of total Sale proceeds invested in creating Asset under regulation 5.15.1 (iv)	H	0.00	0.00	0.00	0.00	0.00	2220.63	353.09	6322.35		
9	-Addition to Equity base considered for the year	I=F+G+H	0	0	0	0	0	0	0	0		
10	Depreciation during the year	J	9555.53	9555.53	9555.53	9555.53	9555.53	14195.32	14421.80	15009.24		
11	Closing balance of Net Normative Loan	K=E+I-J	176996.93	167441.41	157885.88	148330.36	138774.83	134202.25	116869.22	128550.66		
12	Average balance of Net Normative Loan	L=(E+K)/2	1,81,774.70	1,72,219.17	1,62,663.65	1,53,108.12	1,43,552.60	1,40,189.59	1,23,903.58	1,32,894.10		
13	Weighted average rate of interest of actual loan	Min %	13.19%	13.19%	13.19%	13.19%	13.19%	13.19%	13.19%	13.19%		
14	Allowable interest on Capital Loan	N=LXM	23,976.08	22,715.71	21,455.33	20,194.96	18,934.59	18,491.01	16,342.88	17,528.73		



Form 1.21: Special Allocations

Ref.	Particulars	Previous Year				Base Year	Ensuing Year			Rs. Lakh	
		2018-19	2019-20	2020-21	2021-22		2022-23	2023-24	2024-25		2025-26
		Actuals	Actuals	Actuals	Actuals		Estimated	Projected	Projected		Projected
	Special Allocations										
(A)	Appropriation to Reserve for Unforeseen Exigencies										
(B)	Others, if any										
	Total										

Not Applicable



Applicant

Form 1.22 : Return on Equity

Ref.	Particulars	Basis	Previous Year					Base Year	Ensuig Year 1	Ensuig Year 2	Ensuig Year 3
			2018-19	2019-20	2020-21	2021-22	2022-23				
			Actuals	Actuals	Actuals	Actuals	Estimated				
(1)	Average Equity Base (a) (for equity added upto 31.03.2024)	Form 1.20 (a)	76,087.01	76,087.01	76,087.01	76,087.01	77,197.33	78,307.64	78,307.64	78,307.64	
	Average Equity Base (a) (for equity added from 01.04.2024 onwards)	Form 1.20(a)						176.54		3,514.26	
(2)	Rate of Return (b)-Generation (for equity added upto 31.03.2024)	%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	
	Rate of Return (b)-Generation (for equity added from 01.04.2024 onwards)	%						14.00%		14.00%	
(3)	Return on equity (c)										
	ROE based on Share of Equity Base		11793.49	11793.49	11793.49	11793.49	11965.59	12162.40	12162.40	12383.68	
	Net ROE		11793.49	11793.49	11793.49	11793.49	11965.59	12162.40	12162.40	12383.68	

Rs. Lakhs

NOTE: Return on Equity shall have to be determined as per Regulation 5.6.1



Form 1.23 : Permitted Incentive

Annexure-I

Rs. Lakhs

Ref.	Particulars	Previous Years					Base Year		Ensuing Year	
		2018-19 Actuals	2019-20 Actuals	2020-21 Actuals	2021-22 Actuals	2022-23 Estimated	2023-24 Projected	2024-25 Projected	2025-26 Projected	
	Incentive for Thermal Generation Peak hours (i) Scheduled Generation during peak. (ii) Normative generation at 85 % PLF. (iii) Additional generation{ (i)>(ii) } (iv) Rate of Incentive. (v) Incentive during peak hours Off-Peak hours (i) Scheduled Generation during off- peak. (ii) Normative generation at 85 % PLF. (iii) Additional generation{ (i)>(ii) } (iv) Rate of Incentive. (v) Incentive during off- peak hour Total Incentive (A+B)									
C										
2	Incentive for Hydropower generation (i) Capacity Index achieved (CIA) (ii) Normative Capacity Index (CIN) (iii) Excess capacity index achieved over target, if >0 (iv) Annual Capacity Charge (v) Incentive for additional capacity index achieved									
3	Incentive for Transmission (i) Annual Availability (ii) Target Availability (iii) Annual Transmission Charges, excluding incentive and gain sharing (iv) Incentive for additional availability									

NOT APPLICABLE



Form 1.24 : Benefits passed on to consumers

Ref.	Particulars	Previous Year					Base Year	Ensuing Year			Rs. Lakh
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26		
		Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected		
(1)	Share of savings arising out of swapping of foreign debt and equity	0	0	0	0	0	0	0	0	0	
(2)	Share of savings arising out of restructuring of capital cost in terms of debt equity ratio during the tariff period	0	0	0	0	0	0	0	0	0	
(3)	Sharing of excess profit over clear profit	0	0	0	0	0	0	0	0	0	
(4)	Sharing of benefit from selling of power to those other than licensee or any consumer	0	0	0	0	0	0	0	0	0	
(5)	Sharing of benefit from carbon trading	0	0	0	0	0	0	0	0	0	
(6)	Sharing of benefit from income arising to a generating company from supplying power to any person other than licensee	0	0	0	0	0	0	0	0	0	
(7)	Any other (Specify)	0	0	0	0	0	0	0	0	0	

Applicant



Form 1.25 : Receipts from Sale of Energy

Ref.	Particulars	Previous Year			Base Year		Ensuing Year			Rs. Lakh
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	
		Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected	
	Receipts from Sale of Energy	2825.00	1113.40	19217.48	69337.75	135552.39	137823.30	137423.69	140479.63	

Applicant



Form 1.26: Income other than sale of Energy

Rs. lakh

Ref	Particulars	Previous Year			Base Year		Ensuing Year		
		2018-19 Actuals	2019-20 Actuals	2020-21 Actuals	2021-22 Actuals	2022-23 Estimated	2023-24 Projected	2024-25 Projected	2025-26 Projected
A	Income derived from								
(i)	Rental of meters and other apparatus hired out								
(ii)	Sale and repair of lamp and other apparatus								
(iii)	Transfer Fees (Service connection fees)								
(iv)	Income from Investments and Bank Balances*								
(v)	Surcharge for Late Payments								
(vi)	Income from jobs at consumer's premises								
(vii)	Transmission/ Wheeling Charges								
(viii)	Reactive Energy charge								
(ix)	Surcharge under Section 42								
(x)	Additional Surcharge under section 42								
(xi)	Other Business Income to the extent to be passed on consumer								
(xii)	Income from Auxiliary Services								
(xiii)	Other General receipts arising from and ancillary or incidental to the business of electricity								
B	Sub Total (i to xiii)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net receivable UJ Charges for the previous year								

NOT APPLICABLE

*Income from all investments is to be shown except those made out of profit and/or any equity issue exclusively meant for non-core business excluding embedded generation of licensees

Notes:

- Licensee to exclude charges from own consumers under Transmission/ Wheeling charges.
- Income from investments and bank balance shall not include the interest accrued from reserves and funds covered under regulation 5.24 of these regulations
- Income from any investment made out of any portion of equity not covered under regulation 5.6.17 and also not covered as normative loan capital as per regulation 5.4.2 shall be excluded provided such amount are separately and specifically reflected in certificates or valid documents from the same auditor who has audited the annual account



Applicant

Form 1.27: Wheeling Charge

Ref	Particulars	Unit	Derivation	Previous Year				Base Year		Ensuing Year	
				2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
				Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
1	Wheeling Charge	Rs. lakh									
2	Employee Cost	Rs. lakh									
3	Other Administrative & General Charges	Rs. lakh									
4	Rent, Rates & Taxes	Rs. lakh									
5	Legal Charges	Rs. lakh									
6	Auditor Fees	Rs. lakh									
7	Repairs & Maintenance incl. Consumables	Rs. lakh									
8	Interest	Rs. lakh									
9	Foreign Exchange Rate Variation	Rs. lakh									
10	Other Financing Charges	Rs. lakh									
11	Interest on Security Deposits	Rs. lakh									
12	Lease Rental	Rs. lakh									
13	Depreciation	Rs. lakh									
14	Advance against Depreciation	Rs. lakh									
15	Intangible Asset Write Off	Rs. lakh									
16	Reserve for Unforeseen Exigencies	Rs. lakh									
17	Bad Debt	Rs. lakh									
18	Tax	Rs. lakh									
19	Normative Return	Rs. lakh									
20	Permitted Incentives	Rs. lakh									
21	Special Allocations	Rs. lakh									
22	Others if any to be specified	Rs. lakh									
22	Gross total expenses	Rs. lakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	Less: Income other than sale of energy(reduced by Receipt from Wheeling Charges)	Rs. lakh									
24	Less: Interest credit on Depreciation	Rs. lakh									
25	Less: Net receivable UI charges for the previous year	Rs. lakh									
26	Less: Others, if any, to be specified	Rs. lakh									
27	Gross Deductions	Rs. lakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A	Net Charges	Rs. lakh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
a	Units sold to own consumers	MU									
b	Units received for wheeling [Form 1.9a]	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B	Overall Units	MU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	Wheeling charge rate	P/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NOT APPLICABLE

Note:

1. Sales to consumer and Units wheeled should correspond to the data under Form 1.7



Applicant

Form 1.28: Statement showing status of FPPCA Claim

SI #	FPPCA claim application submitted but order is yet to be issued by the commission		FPPCA claim application yet to be applied	
	Related Year	Date of submission	Related Year	Expected date of submission
		NOT APPLICABLE	2018-19	
			2019-20	
			2020-21	
			2021-22	
			HMEEL is yet to file the petition for approval of the Final Project Cost of the 3x150 MW Thermal Power Project. For FCA and APR petition, it had requested before the Hon'ble Commission for grant of time extension of 6 months i.e. up to 30.06.2023 from the target date (31.12.2022) for filing the petition for approval of final project cost. The Hon'ble Commission vide its letter no. WBERC/B-107/1/3265 dated 16.12.2022 has granted the proposed time extension to HMEEL. The Hon'ble Commission vide its letter no. WBERC/TP-82/19-20/2286 dated 01.06.2022 had granted time extension to HMEEL for filing the FCA and APR petition.	



Applicant

Form-A: Planned repairs and maintenance / forced outage / major repairs for generation plants (Station-wise vis-à-vis yearwise)

Name of the Station:Hiranmaye Energy Limited Unit 1 & 2

For the year : 2018-19								
Unit No.	Outage From	Nature (Planned/ Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
#1	01-04-2018 to 10-11-2018	Planned/ Forced	5354.57	Supplementary PPA Approval & Coal Shortage				
	11-11-2018	Forced	4.70	Attending the hotspot work in switchyard				
#1	01-12-2018 to 02-12-2018	Forced	1.75	Flame failure				
	06-12-2018 to 31-03-2019	Forced	2771.50	Coal Shortage				
#2	01-04-2018 to 31-03-2019	Forced	8760	Supplementary PPA Approval & Coal Shortage				
For the year : 2019-20								
Unit No.	Outage From	Nature (Planned/ Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
#1	01-04-2019 to 22-04-2019	Planned/ Forced	525.84	Coal Shortage				
	04-05-2019	Planned	11.75	Taken Off bar as per SLOC requirement (Electronic steam-hall)				
#2	05-05-2019 to 31-03-2020	Planned	7961.50	Coal Shortage				
	01-04-2019 to 31-03-2020	Planned	8784	Coal Shortage				

For the year : 2020-21								
Unit No.	Outage From	Nature (Planned/ Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
#1	01-04-2020 to 18-09-2020	Planned/ Forced	4095.00	Coal Shortage				
	18-09-2020 to 13-09-2020 to 20-09-2020	Forced	35.09	PA Fan uncommanded trip, MFT on furnace pressure vent/low.				
	24-09-2020 to 29-09-2020	Forced	114.67	Boiler MFT done due to feeder 1B,3C and 1D not tripped on no coal flow.				
	11-10-2020 to 12-10-2020	Forced	24.68	ESP ash conveying issue				
	16-10-2020 to 17-10-2020	Forced	4.62	Hot Spot in Y-Phase CT				
	17-10-2020 to 18-10-2020	Forced	2.47	Both ID fan tripped				
	11-11-2020	Forced	1.12	Generator protection issue				
	26-11-2020	Forced	3.17	emergency board outage/Due to Turbine LOP's Tripped)				
	04-04-2021 to 07-01-2021	Forced	81.07	steam leakage near the turbine stop valve (Left Hand Side)				
	08-04-2021 to 28-01-2021	Forced	522.18	Barring gear problem				
	29-01-2021	Forced	3.00	Turbine bearing vibration high				
	13-02-2021 to 15-03-2021	Forced	707.17	Stoppage due to heavy steam leakage from turbine inlet flange				
#2	15-03-2021	Forced	0.68	Turbine IP casing top-bottom temp. different high (misfunctional)				
	01-04-2020 to 04-12-2020	Forced	5943.70	Coal Shortage				
	05-12-2020	Forced	3.73	Generator protection issue				
	07-12-2020	Forced	5.62	Generator protection issue				
	08-12-2020 to 02-01-2021	Planned	624.00	Taken Off bar as per SLOC requirement (USD)				
	03-01-2021 to 16-01-2021	Forced	333.25	barring gear problem				
	18-01-2021	Forced	1.53	Generator protection issue				
	28-01-2021	Forced	4.90	Generator protection issue				
	29-01-2021	Forced	187.75	PA Fan 2B vibration High				
	06-02-2021 to 25-02-2021	Planned	470.55	GT Bar as per SLOC requirement (USD)				
	26-02-2021 to 17-03-2021	Forced	454.80	generator protection issue				
	24-03-2021 to 31-03-2021	Forced	188.50	suspecting boiler tube leakage				

For the year : 2021-22								
Unit No.	Outage From	Nature (Planned/ Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
#1	13-04-2021 to 14-04-2021	Planned/ Forced	5.41	Both ID fan tripped				
	08-05-2021 to 25-05-2021	Forced	418.50	Tripped due to turbine thrust bearing temperature high. Axial shift high alarm				
	25-05-2021 to 03-06-2021	Planned	219.33	Both ID fan tripped				
	06-06-2021	Forced	1.22	Both ID fan tripped				
	07-06-2021	Forced	3.07	UPS failure				
	13-06-2021	Forced	2.27	UPS failure				
	15-06-2021 to 23-06-2021	Planned	193.25	Taken Off bar as per SLOC requirement (USD)				
	23-06-2021	Forced	1.07	Condenser Vacuum pressure high				
	23-06-2021 to 21-07-2021	Forced	531.35	Tripped due to both ID fan trip				
	22-07-2021	Forced	3.43	Attending hotpot in Southward				
	30-07-2021 to 02-08-2021	Planned	74.00	Taken Off bar as per SLOC requirement (USD)				
	08-08-2021 to 20-09-2021	Forced	1029.20	Tripped due to Turbine high vibration.				
	31-10-2021 to 04-12-2021	Planned	822.82	Taken Off bar as per SLOC requirement (USD)				
	04-12-2021	Forced	2.12	Turbine HP/IP Shaft vibration RIB				
	06-12-2021	Forced	2.92	GT - 1 R Phase Isolator Contact finger bolt hotspot observed				
07-02-2022 to 08-02-2022	Forced	5.77	GT - 1 R Phase Isolator Contact finger bolt hotspot observed					
11-03-2022 to 20-03-2022	Forced	225.77	Coal Shortage					
13-04-2021 to 17-05-2021	Forced	1117.52	Coal Shortage					
20-05-2021	Forced	7.03	PA fan/motor bearing temperature very high.					
24-05-2021	Forced	4.26	Generator protection issue					
25-05-2021 to 04-06-2021	Planned	241.65	Taken Off bar as per SLOC requirement (USD)					
07-06-2021	Forced	2.57	UPS failure					
13-06-2021	Forced	3.05	UPS failure					
16-06-2021 to 22-06-2021	Planned	146.17	Taken Off bar as per SLOC requirement (USD)					
06-07-2021 to 25-08-2021	Forced	1192.75	Heavy steam leakage from IP Turbine partial valve					
31-08-2021	Forced	4.13	DPU card malfunction					
05-09-2021	Forced	12.88	DPU card malfunction					
08-09-2021 to 13-05-2021	Forced	811.23	Boiler tube leakage suspected					
25-10-2021	Forced	1.97	TS Tube Oil Pump MOP, 1 Tripped					
29-10-2021 to 04-12-2021	Planned	863.98	Taken Off bar as per SLOC requirement (USD)					
05-01-2022	Forced	1.50	Turbine thrust bearing temp. high					
07-01-2022 to 01-04-2022	Forced	601.02	Coal Shortage					
23-03-2022	Forced	3.42	DPU power supply issue					

For the year : 2022-23								
Unit No.	Outage From	Nature (Planned/ Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
#1	14-07-2022	Planned/ Forced	12.55	DOS Communication Failure				
	04-08-2022 to 05-08-2022	Planned	46.63	Boiler License Renewal				
	11-10-2022 to 22-10-2022	Planned	263.97	Coal Shortage				
	01-1-2022 to 06-11-2022	Forced	120.13	Heavy steam leakage from turbine MAT drain				
	16-11-2022 to 28-11-2022	Forced	329.52	Coal Shortage				
04-01-2023 to 17-02-2023	Forced	304.35	Coal Shortage					
01-08-2022 to 02-08-2022	Forced	8.22	Generator protection set					
14-08-2022 to 16-08-2022	Planned	44.97	Taken Off bar as per SLOC requirement (USD)					
29-08-2022 to 28-09-2022	Forced	710.82	Coal Shortage					
29-09-2022	Forced	3.87	Turbine shaft vibration high					
For the year : 2023-24								
Unit No.	Outage From	Nature (Planned/ Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
#1	01-09-2023	Planned/ Forced	720	Capital O/H for 30 days	Sep'23			
	12-08-2023	Planned	360	Annual O/H for 15 days	Aug'24			
For the year : 2023-25								
Unit No.	Outage From	Nature (Planned/ Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
#1	01-09-2024	Planned/ Forced	720	Capital O/H for 30 days	Sep'25			
	12-08-2024	Planned	360	Annual O/H for 15 days	Aug'25			
For the year : 2025-26								
Unit No.	Outage From	Nature (Planned/ Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
#1	01-09-2025	Planned/ Forced	720	Capital O/H for 30 days	Sep'26			
	12-08-2025	Planned	360	Annual O/H for 15 days	Aug'26			



Form-B: Details of Depreciation chargeable to revenue account for the financial year 2018-19

Rs

Particulars	Opening Balance of Original Cost of Assets	Additions of Original Cost of Assets during the year	Assets fully depreciated	Assets to be depreciated during the year	Value of assets classified into different rates						Land-FH	Land-LH	Total	Retirements of Original Cost of Assets during the	Closing Balance of Original Cost of Assets
					1.80%	3.60%	6.00%	12.85%	18.00%						
A. Generating Assets															
Cost	2,72,195.00	-	-	2,72,195.00	12,402	2,52,832	1,758	160	580		0.00%				
Depreciation for the year					223	9,102	105	21	104						
B. Transmission Assets															
Cost															
Depreciation for the year															
C. Distribution Assets															
Cost															
Depreciation for the year															
D. Metering Assets															
Cost															
Depreciation for the year															
E. Other Assets															
Cost															
Depreciation for the year															
F. Total															
Cost	2,72,195.00	-	-	2,72,195.00	12,401.86	2,52,832.47	1,757.63	159.78	579.63		0.00%				
Depreciation for the year					223.23	9,101.97	105.46	20.53	104.33						
Notes:-															
Opening Balance of Assets should match with Form 1.18															



Form-B: Details of Depreciation chargeable to revenue account for the financial year 2019-20

Particulars	Opening Balance of Original Cost of Assets	Additions of Original Cost of Assets during the year	Assets fully depreciated	Assets to be depreciated during the year	Value of assets classified into different rates							Land-FH	Land-LH	Total	Retirements of Original Cost of Assets during the	Closing Balance of Original Cost of Assets
					1.80%	3.60%	6.00%	12.85%	18.00%							
A. Generating Assets	2,72,195	-	-	2,72,195							0.00%					
Cost																
Depreciation for the year					12,402	1,758	160	580								
B. Transmission Assets					252,832	1,758	160	580			4,464					
Cost					9,102	105	21	104								
Depreciation for the year																
C. Distribution Assets																
Cost																
Depreciation for the year																
D. Metering Assets																
Cost																
Depreciation for the year																
E. Other Assets																
Cost																
Depreciation for the year																
F. Total	2,72,195			2,72,195	12,402	1,758	160	580			4,464			2,72,195		2,72,195.00
Depreciation for the year				9,555	223	105	21	104						9,555		
Notes:-																

Opening Balance of Assets should match with Form 1, 18



Particulars	Opening Balance of Original Cost of Assets	Additions of Original Cost of Assets during the year put into use	Assets fully depreciated	Assets to be depreciated during the year	Value of assets classified into different rates						Land-FH	Land-LH	Total	Retirements of Original Cost of Assets during the year	Closing Balance of Original Cost of Assets
					1.80%	3.60%	6.00%	12.85%	18.00%						
A. Generating Assets															
Cost	2,72,195	-	-	2,72,195											
Depreciation for the year															
B. Transmission Assets															
Cost	-	-	-	-	12,402	2,52,832	1,758	160	580	4,464			2,72,195		2,72,195.00
Depreciation for the year					223	9,102	105	21	104	-			9,556		
C. Distribution Assets															
Cost															
Depreciation for the year															
D. Metering Assets															
Cost															
Depreciation for the year															
E. Other Assets															
Cost															
Depreciation for the year															
F. Total															
Cost	2,72,195	-	-	2,72,195	12,402	2,52,832	1,758	160	580	4,464	-	-	2,72,195		2,72,195.00
Depreciation for the year					223	9,102	105	21	104	-			9,556		



Form-B: Details of Depreciation chargeable to revenue account for the financial year 2021-22

Rs Lakh

Particulars	Opening Balance of Original Cost of Assets	Additions of Original Cost of Assets during the year	Assets fully depreciated	Assets to be depreciated during the year	Value of assets classified into different rates						Land-FH	Land-LH	Total	Retirements of Original Cost of Assets during the year	Closing Balance of Original Cost of Assets
					1.80%	3.60%	6.00%	12.85%	18.00%	18.00%					
A. Generating Assets															
Cost	2,72,195			2,72,195											
Depreciation for the year															
B. Transmission Assets															
Cost					12,402	2,52,832	1,758	160	580					2,72,195	
Depreciation for the year					223	9,102	105	21						9,556	
C. Distribution Assets															
Cost															
Depreciation for the year															
D. Metering Assets															
Cost															
Depreciation for the year															
E. Other Assets															
Cost															
Depreciation for the year															
F. Total															
Cost	2,72,195			2,72,195	12,402	2,52,832	1,758	160	580					2,72,195	
Depreciation for the year					223	9,102	105	21	104	4,464				9,556	

Notes:-



Particulars	Opening Balance of Original Cost of Assets	Additions of Original Cost of Assets	Assets fully depreciated	Assets to be depreciated during the year	Value of assets classified into different rates						Land-LH	Land-FH	Total	Retirements of Original Cost of Assets	Closing Balance of Original Cost of Assets
					1.80%	3.60%	6.00%	12.85%	18.00%						
A. Generation Assets															
Cost	2,72,195	-	-	2,72,195	12,402	2,52,832	1,758	160	580	-	4,464	2,72,195	-	2,72,195	
Depreciation for the year					223	9,102	105	21	104			9,556			
B. Transmission Assets															
Cost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Depreciation for the year															
C. Distribution Assets															
Cost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Depreciation for the year															
D. Metering Assets															
Cost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Depreciation for the year															
E. Other Assets															
Cost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Depreciation for the year															
F. Total															
Cost	2,72,195	-	-	2,72,195	12,402	2,52,832	1,758	160	580	-	4,464	2,72,195	-	2,72,195	
Depreciation for the year					223	9,102	105	21	104			9,556			

Notes:-

Opening Balance of Assets should match with Form 1.18



Form-B : Details of Depreciation chargeable to revenue account for the year (Year wise)

Particulars	Opening Balance of Approved Cost of Assets	Cumulative Depreciation and AAD, if any upto preceding year	Additions of approved Cost of Assets during the year put into use	Assets fully depreciated	Assets to be depreciated during the year	Assets depreciated upto 70%	Value of Assets classified into different rates					Other rates, if any	Land-FH	Total	Retirements of Assets during the year	Closing Balance of Approved Cost of Assets
							3.34%	5.28%	6.35%	12.85%	18.00%					
	1	2	3	4	5=1+3-4	6	7a	7b	7c	7d	7e	7f	7g	8=6+7	9	10=1+3-9
A. Generating Assets																
1. Assets prior to cut-off date																
Cost	2,72,195.00				2,72,195.00	2,67,731.37	12,401.86	2,52,832.47	1,757.63	159.78	579.63		4,463.63	2,67,731.37		2,72,195.00
Depreciation for the year		64,144.51				13,999.90	414.22	13,349.55	111.26	20.53	104.33			13,999.90		
2. Assets after cut-off date																
Cost	7,402.10		1,176.95		8,579.05	8,579.05		8,579.05						8,579.05		8,579.05
Depreciation for the year		195.42				421.90		421.90						421.90		
B. Transmission Assets																
1. Assets prior to cut-off date																
Cost																
Depreciation for the year																
2. Assets after cut-off date																
Cost																
Depreciation for the year																
C. Distribution Assets																
1. Assets prior to cut-off date																
Cost																
Depreciation for the year																
2. Assets after cut-off date																
Cost																
Depreciation for the year																
OVERALL (A+B+C)	2,79,597.10						414.22	13,771.46	111.26	20.53	104.33	-		14,421.80		2,80,774.05

Note : 1. Auditor's certificate regarding 'block of assets' prior to the cut-off date and depreciation & AAD against such assets for (a) assets depreciated upto 70% and (b) assets depreciated more than 70% shall be certified.

13,999.90

2. Approved cost of assets also includes assets within the limits specified under regulations 2.8.2.3 and 2.8.2.4-1, where approval is not required in terms of regulation 2.8.5 of these Regulations. Generating Companies and Licensees, as the case may be, shall submit break-up of approved assets and assets developed under regulations 2.8.2.3 and 2.8.4.1 separately.

3. For part / full capitalized assets, where final project cost has not been approved under regulation 2.8.5 of these Regulations, the investment approval value vis-à-vis the audited value of part/full asset capitalized shall be submitted separately.



Form-B : Details of Depreciation chargeable to revenue account for the year (Year wise)

Particulars	Opening Balance of Approved Cost of Assets	Cumulative Depreciation and AAD, if any upto preceding year	Additions of approved Cost of Assets during the year put into use	Assets fully depreciated	Assets to be depreciated during the year	Assets depreciated upto 70%	Value of Assets classified into different rates					Other rates, if any	Land-FH	Total	Retirements of Assets during the year	Closing Balance of Approved Cost of Assets	
							3.34%	5.28%	6.33%	12.85%	18.00%						
	1	2	3	4	5=1+3-4	6	7a	7b	7c	7d	7e	7f	7g	8=6+7	9	10=1+3-9	
A. Generating Assets																	
1. Assets prior to cut-off date																	
Cost	2,72,195.00				2,72,195.00	2,67,731.37	12,401.86	2,52,832.47	1,757.63	159.78	579.63		4,463.63	2,67,731.37	-	2,72,195.00	
Depreciation for the year		78,144.41				13,999.90	414.22	13,349.55	111.26	20.53	104.33			13,999.90			
2. Assets after cut-off date																	
Cost	8,579.05		21,074.50		29,653.55	29,653.55		29,653.55						29,653.55		29,653.55	
Depreciation for the year		617.32			1,009.34	1,009.34		1,009.34						1,009.34			
B. Transmission Assets																	
1. Assets prior to cut-off date																	
Cost																	
Depreciation for the year																	
2. Assets after cut-off date																	
Cost																	
Depreciation for the year																	
C. Distribution Assets																	
1. Assets prior to cut-off date																	
Cost																	
Depreciation for the year																	
2. Assets after cut-off date																	
Cost																	
Depreciation for the year																	
OVERALL (A+B+C)	2,80,774.05						414.22	14,358.90	111.26	20.53	104.33	-		15,009.24		3,01,848.55	

Note: 1. Auditor's certificate regarding 'block of assets' prior to the cut-off date and depreciation & AAD against such assets for (a) assets depreciated upto 70% and (b) assets depreciated more than 70% shall be certified.

13,999.90

2. Approved cost of assets also includes assets within the limits specified under regulations 2.8.2.3 and 2.8.24.1, where approval is not required in terms of regulation 2.8.5 of these Regulations. Generating Companies and Licensees, as the case may be, shall submit break-up of approved assets and assets developed under regulations 2.8.2.3 and 2.8.4.1 separately.

3. For part / full capitalized assets, where final project cost has not been approved under regulation 2.8.5 of these Regulations, the investment approval value vis-à-vis the audited value of part/full asset capitalized shall be submitted separately.



Form - C: Statement of Loans And Calculation of Interest Thereon for the year 2019-20 (Rs. In Lacs) [Actuals] for Unit 1 & 2

S.No.	Sources of Loans	Original Amount of Loan	Outstanding balance at the beginning of the year	Normal rate of Interest (%)	Penal rate of interest, if any (%)	Rebate (if any) for prompt payment	Repayment Due Amount/ Date	Fresh drawal, if any, Amount/ Date	Interest paid/payable			Balance at the close of the year	Remarks, if any
									Normal	Penal	Rebate		
1	Actual Loans												
	A. On Capital Accounts												
	REC	1,11,309.14	1,11,309.14	13.19%	5.83%				14,686.68	6,494.49		21,181.16	
	PPC	79,227.36	79,227.36	13.19%	5.31%				10,446.94	4,209.51		14,656.46	
	Total	1,90,536.50	1,90,536.50	13.19%					25,133.62	10,704.00		35,837.62	LONG-TERM BORROWINGS
	B. On Revenue Accounts												
	Working Capital Interest- Till June 2019	12,500.00	3,988.44	10.95%					134.53			134.53	
	Working Capital Interest- July- Sept 2019	12,500.00	5,666.15	10.85%					163.30	28.03		191.33	
	Working Capital Interest- Oct- Dec 2019	12,500.00	5,557.92	10.65%					148.76	-27.19		121.57	
	Working Capital Interest- Jan- Mar 2020	12,500.00	5,736.77	10.65%					332.81	-		332.81	
	Working Capital Loans - FY 2019-20	12,500.00	5,736.77						779.40	0.84		780.24	SHORT-TERM BORROWINGS
2	Overall Actual	203036.50	194524.94						25913.02	10704.84	0.00	36617.86	196273.27
	Overall	203036.50	194524.94						25,913.02	10,704.84	-	36,617.86	1,96,273.27
	Less: Interest to be capitalised												

Computation of Weighted Average Rate of Interest on Term Loan

Source	Closing Balance	Rate of Interest	Product
REC	1,11,309.14	13.19%	14,686.68
PPC	79,227.36	13.19%	10,446.94
TOTAL	1,90,536.50		25,133.62
Weighted Average rate of Interest			13.19%



Form - C: Statement of Loans And Calculation of Interest Thereon for the year 2020-21 (Rs. in Lacs) [Projection] Unit 1 & 2

S.No.	Sources of Loans	Original Amount of Loan	Outstanding balance at the beginning of the year	Normal rate of interest (%)	Penal rate of interest, if any (%)	Rebate (if any) for prompt payment	Repayment Due Amount/ Date	Fresh drawal, if any, Amount/ Date	Interest paid/payable			Balance at the close of the year	Remarks, if any
									Normal	Penal	Rebate		
1	Actual Loans												
	A. On Capital Accounts												
	REC	111309.14	111309.14	13.19%						14,686.68		1,11,309.14	
	PFC	79227.36	79227.36	13.19%						10,446.94		79,227.36	
		190536.50	190536.50	13.19%						25,133.62		1,90,536.50	
	B. On Revenue Accounts												LONG-TERM BORROWINGS
	Working Capital Loans	12500.00	5735.77	10.65%						1,331.25		12,500.00	
										-		-	
										-		-	
										-		-	
2	Overall Actual	203036.50	196273.27							26,464.87	0.00	2,03,036.50	SHORT-TERM BORROWINGS
	Normalive Loan												
	Overall	203036.50	196273.27							26,464.87		2,03,036.50	
	Less: Interest to be capitalised												
										26,464.87		2,05,036.50	

Computation of Weighted Average Rate of Interest on Term Loan

Source	Closing Balance	Rate of Interest	Product
REC	111309.14	13.19%	14,686.68
PFC	79227.36	13.19%	10,446.94
TOTAL	190536.50		25,133.62
Weighted Average rate of Interest		13.19%	2,441.00



S.No.	Sources of Loans	Original Amount of Loan	Outstanding balance at the beginning of the year	Normal rate of interest (%)	Penal rate of interest, if any (%)	Rebate (if any) for prompt payment	Repayment Due Amount/ Date	Fresh drawal, if any, Amount/ Date	Interest paid/payable			Balance at the close of the year	Remarks, if any
									Normal	Penal	Rebate		
1	Actual Loans												
	A. On Capital Accounts												
	REC	111309.14	111309.14	13.19%	-	-	-	-	14,686.68			1,11,309.14	
	PFC	79227.36	79227.36	13.19%	-	-	-	-	10,446.94			79,227.36	
		190536.50	190536.50	13.19%					25,133.62			1,90,536.50	LONG-TERM BORROWINGS
	B. On Revenue Accounts												
	Working Capital Loans	12500.00	12500.00	10.65%					1,331.25			12,500.00	
2	Overall Actual	203036.50	203036.50						26,464.87			2,03,036.50	SHORT-TERM BORROWINGS
	Normalive Loan												
	Overall	203036.50	203036.50						26,464.87			2,03,036.50	
	Less: Interest to be capitalised												

Computation of Weighted Average Rate of Interest on Term Loan

Source	Closing Balance	Rate of Interest	Product
REC	111309.14	13.19%	14,686.68
PFC	79227.36	13.19%	10,446.94
TOTAL	190536.50		25,133.62
Weighted Average rate of Interest			13.19%



Form - C: Statement of Loans And Calculation of Interest Thereon for the year 2023-24 [Rs. in Lacs] [Projection] Unit 1 & 2

S.No.	Sources of Loans	Original Amount of Loan	Cumulative amount of loan drawn (COD Asset)	Cumulative repayment upto the preceding year = Depreciation + AAD	Outstanding balance at the beginning of the year	Normal rate of interest (%)	Penal rate of interest, if any (%)	Rebate (if any) for prompt payment	Repayment Due Amount/ Date	Fresh avn. Amount/ Date	Interest paid/payable			Balance at the close of the year	Remarks, if any
											Normal	Penal	Rebate		
1	Actual Loans														
	A. On Capital Accounts														
	REC	111360.14	111360.14	29793.88	82015.26	13.19%						10,821.50	10,821.50	83,015.26	
	PFC	79277.36	79277.36	20850.73	58376.63	13.19%						7,697.56	7,697.56	50,679.07	
		190637.50	190637.50	50144.61	140991.89	13.19%						18,519.06	18,519.06	1,40,391.89	
	B. On Revenue Accounts														
	Working Capital Loans	12500.00			12500.00	10.65%						1,331.25	1,331.25	11,168.75	
2	Overall Actual														
	Normative Loan	203036.50			152891.89							19,850.31	19,850.31	1,52,891.89	
	Overall	203036.50			152891.89							19,850.31	19,850.31	1,52,891.89	
	Less: Interest to be capitalised														

Computation of Weighted Average Rate of Interest on Term Loan

Source	Closing Balance	Rate of Interest	Product
REC	82015.26	13.19%	10,821.50
PFC	58376.63	13.19%	7,697.56
TOTAL	140991.89		18,519.06
		13.19%	



Form - C: Statement of Loans And Calculation of Interest Thereon for the year 2025-26 (Rs. in Lacs) [Projection] Unit 1 & 2

S.No.	Sources of Loans	Original Amount of Loan	Cumulative amount of loan drawn		Outstanding balance at the beginning of the year	Normal rate of interest (%)	Penal rate of interest, if any (%)	Rebate (if any) for prompt payment	Repayment Due Amount/ Date	Fresh draws, if any, Amount/ Date	Interest paid/payable			Balance at the close of the year	Remarks, if any
			(COD assets)	(Work in Progress)							Normal	Penal	Rebate		
1	Actual Loans														
	A. On Capital Accounts														
	REC	111309.14	111309.14		65297.48	13.19%					8,615.67		8,615.67	65,297.48	
	PFC	79227.36	79227.36		46477.29	13.19%					6,128.51		6,128.51	46,477.29	
		190536.50	190536.50		111774.78	13.19%					14,744.18		14,744.18	1,11,774.78	LONG-TERM BORROWINGS
	B. On Revenue Accounts														
	Working Capital Loans	17599.00			12500.00	10.65%					1,331.25		1,331.25	12,500.00	
2	Overall Actual	203036.50			124274.78						16,075.43		16,075.43	1,24,274.78	
	Normative Loan	203036.50			124274.78						16,075.43		16,075.43	1,24,274.78	
	Overall														
	Less: Interest to be capitalised														

Computation of Weighted Average Rate of Interest on Term Loan

Source	Closing Balance	Rate of Interest	Product
REC	65297.48	13.19%	8,615.67
PFC	46477.29	13.19%	6,128.51
TOTAL	111774.78		14,744.18
Weighted Average rate of Interest			13.19%





Details of Source wise Fuel for Computation of Energy Charges
 Name of the Petitioner: Hiranmaye Energy Limited
 Name of the Station: Hiranmaye Energy Limited, Haldia-450 MW

SL. No	Description	Unit	2018-19					2019-20							
			2018- March					2019- March							
			FSA (1)	Captive mine (2)	e-Auction (3)	Imported (4)	Others (5)	FSA (1)	Captive mine (2)	e-Auction (3)	Imported (4)	Others (5)			
A)	OPENING QUANTITY														
1	Opening Quantity of Coal	(MT)													
2	Value of Stock	Rs			3,370.00										
B)	QUANTITY of current year /month														
3	Quantity of Coal supplied by Coal Company	(MT)			1,28,15,376.86										
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)				19,506.67									
5	Coal supplied by Coal Company (3+4)	(MT)				19,506.67									
C)	COST OF COAL														
6	Amount charged by Coal Company	(Rs)			20,57,49,671.00	9,47,78,744.00									
7	Adjustment (+/-) in quantity supplied made by Coal Company	(Rs)													
8	Handling ,Sampling & such other similar charges	(Rs)			37,81,666.48	1,26,36,453.22									
9	Total amount Charged (6+7+8)	(Rs)			20,95,31,337.48	10,74,15,197.22									
D)	TRANSPORTATION COST														
10	Transportation charges by rail/ship /road transport	(Rs)			9,53,61,700.09	2,60,22,649.79									
	By rail	(Rs)			3,69,53,444.40										
	By road	(Rs)			5,84,08,255.68	2,60,22,649.79									
	By ship	(Rs)													
11	Adjustment (+/-) in amount charged made by railways /Transport Company	(Rs)													
12	Demurrage Charges ,if any	(Rs)			42,32,794.00	1,09,94,871.00	89,26,280.00								
13	Cost of diesel in transporting coal through MGR system ,if applicable	(Rs)													
14	Total Transportation Charges(10+11+12+13)	(Rs)			9,95,94,494.09	3,70,17,520.79	89,26,280.00								
15	Total amount Charged for coal supplied including Transportation (9+14)	(Rs)			30,91,25,831.57	14,44,32,718.01	89,26,280.00								
E)	TOTAL COST														
16	Landed cost of coal (2+15)/(1+5)	(Rs/MT)			6,979.78	7,404.27	4,575.36								
17	Consumption of coal	(MT)			34,570.72	6,571.10	11,553.89				6,498.10				6,846.41
18	Closing stock (1+5-17)	(MT)			11,554.13	12,935.57					9,793.20				12,914.87
19	Closing value (2+15-16*17)	(Rs)			7,50,79,855.36	8,85,62,160.00					1,760.93				20.70
20	Weighted average cost of coal [$\frac{\sum(16 \times 17)}{\sum 17}$]	(Rs)									1,13,80,633.20				1,44,391.92
	Total consumption	(MT)					6,505.53								6,696.19
F)	QUALITY														
21	GCV as billed' of coal supplied	(kCal/Kg)					52,695.71								22,708.07
22	Weighted average'GCV as billed' of coal	(kCal/Kg)													
23	GCV as received ' of coal supplied	(kCal/Kg)													
24	Weighted average'GCV as received ' of coal	(kCal/Kg)			4,238	4,100					4,238				4100

Form- D(a) Details of coal Sourced through FSA

Name of the Petitioner - Hiranmaye Energy Limited
 Name of the Generating Station - Hiranmaye Energy Ltd

Sl. No	Description	Unit	PREVIOUS YEARS																					
			2018-19		2019-20		2020-21			2021-22			2022-23			2023-24			2024-25			2025-26		
			Grade Wise Details	Grade Wise Details	G12	G13	G14	G12	G13	G14	G12	G13	G14	G12	G13	G14	G12	G13	G14	G12	G13	G14		
1	Mahanadi Coalfield Limited - Talcher Rail	(MT)			504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM	504 KM		
	Quantity	(MT)			181087	2672	3558	349994	57099	19427	749900	0	0	749900	0	0	749900	0	0	749900	0	0		
	Amount charged by Coal Company	(Rs/MT)			1746.04	1660.58	1575.14	1764.91	1679.04	1593.20	1621.26	0.00	0.00	1780	0.00	0.00	1780	0.00	0.00	1780	0.00	0.00		
	Handling, Sampling & such other similar charges	(Rs/MT)			153.40	153.40	153.40	154.57	154.57	154.57	1.17	0.00	0.00	85	0.00	0.00	85	0.00	0.00	85	0.00	0.00		
	Transportation cost	(Rs/MT)			2498.67	2498.67	2498.67	2192.44	2192.44	2192.44	2136.75	0.00	0.00	1884	0.00	0.00	1884	0.00	0.00	1884	0.00	0.00		
	GCV as billed*	(tCal/Kg)			3700	3400	3100	3700	3400	3100	3700	0	0	3700	0	0	3700	0	0	3700	0	0		
	GCV as received*	(tCal/Kg)			3366	3366	3366	3294	3294	3294	3297	3546	3546	3546	3546	3546	3546	3546	3546	3546	3546	3546		
2	Mahanadi Coalfield Limited - IB Valley Rail	(MT)			560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM	560 KM		
	Quantity	(MT)			0	13244	151896	0	262697	224205	0	376200	376200	0	376200	376200	0	376200	376200	0	376200	376200		
	Amount charged by Coal Company	(Rs/MT)			0	1670	1684	0	1725	1639	0	1750	1664	0	1719	1644	0	1719	1644	0	1719	1644		
	Handling, Sampling & such other similar charges	(Rs/MT)			0	153	153	0	155	155	0	1	1	0	85	85	0	85	85	0	85	85		
	Transportation cost	(Rs/MT)	NOT APPLICABLE	NOT APPLICABLE	0.00	2425.94	2425.94	0.00	2139.96	2139.96	0.00	2161.70	2161.70	0.00	1871	1870	0.00	1871	1870	0.00	1871	1870		
	GCV as billed*	(tCal/Kg)			0	3400	3100	0	3400	3100	0	3400	3100	0	3400	3100	0	3400	3100	0	3400	3100		
	GCV as received*	(tCal/Kg)			0	3154	3100	0	3073	3100	0	3125	3100	0	3155	3131	0	3155	3131	0	3155	3131		
A	TOTAL QUANTITY	(MT)			352408			913831			1502300			1502300			1502300			1502300				
B	TOTAL COST OF COAL	(Rs)			589054030			1565802607			2650261313			2600200460			2600200460			2600200460				
C	TOTAL OF Handling, Sampling & such other similar charges	(Rs)			54059321			141249079			1754686			128305086			128305086			128305086				
D	TRANSPORTATION COST	(Rs)			868539549			197395292			3226813110			2819542894			2819542894			2819542894				
E	Weighted average GCV as billed*	(tCal/Kg)			3422			3435			3475			3475			3475			3475				
F	Weighted average GCV as received*	(tCal/Kg)			3207			3176			3211			3344			3344			3344				



Form- D(b:)Details of coal Sourced from captive mines

Name of the Petitioner: Hiranmaye Energy Limited

Name of the Station: Hiranmaye Energy Limited-Unit 1 & 2

SL. No	Description	Unit	< YEAR >/ <MONTH>
			Grade -wise -details
1	< Source>		NOT APPLICABLE
	Quantity	(MT)	
	Amount charged by Coal Company	(Rs/MT)	
	Handling ,Sampling & such other similar charges	(Rs/MT)	
	Transportation cost	(Rs/MT)	
	GCV as billed'	(kCal/Kg)	
	GCV as received '	(kCal/Kg)	
A	TOTAL QUANTITY	(MT)	
B	TOTAL COST OF COAL	(Rs)	
C	TOTAL OF Handling ,Sampling & such other similar charges	(Rs)	
D	TRANSPORTATION COST	(Rs)	
E	Weighted average'GCV as billed	(kCal/Kg)	
F	Weighted average'GCV as received	(kCal/Kg)	



Form- D(c):Details of coal Sourced through e-auction

Name of the Petitioner: Hiranmaye Energy Limited
 Name of the Station: Hiranmaye Energy Limited-Unit 1 & 2

SL. No	Description	Unit	PREVIOUS YEARS				ENSUING YEARS					
			2018-19 Grade-Wise Details	2019-20 Grade-Wise Details	2020-21 Grade-Wise Details	2021-22 Grade-Wise Details	2022-23 Grade-Wise Details	2023-24 Grade-Wise Details	2024-25 Grade-Wise Details	2025-26 Grade-Wise Details		
1	CCL- Bachra CCL		W IV									
	Quantity	(MT)										
	Amount charged by Coal Company	(Rs/MT)										
	Handling ,Sampling & such other similar charges	(Rs/MT)										
	Transportation cost	(Rs/MT)										
	GCV as billed'	(kCal/Kg)										
	GCV as received '	(kCal/Kg)										
2	BCCL											
2-a	KKC-BCCL											
	Quantity	(MT)		38920								
	Amount charged by Coal Company	(Rs/MT)		4923.15								
	Handling ,Sampling & such other similar charges	(Rs/MT)										
	Transportation cost	(Rs/MT)										
	GCV as billed'	(kCal/Kg)		2341								
	GCV as received '	(kCal/Kg)		4238.00								
2-b	CK(W)-BCCL											
	Quantity	(MT)		3835								
	Amount charged by Coal Company	(Rs/MT)		4673.53								
	Handling ,Sampling & such other similar charges	(Rs/MT)										
	Transportation cost	(Rs/MT)										
	GCV as billed'	(kCal/Kg)		2216								
	GCV as received '	(kCal/Kg)		4238.00								
3	MCL - Tatcher											
	Quantity	(MT)										
	Amount charged by Coal Company	(Rs/MT)										
	Handling ,Sampling & such other similar charges	(Rs/MT)										
	Transportation cost	(Rs/MT)										
	GCV as billed'	(kCal/Kg)										
	GCV as received '	(kCal/Kg)										
A	TOTAL QUANTITY	(MT)										
B	TOTAL COST OF COAL	(Rs)		42755								
C	TOTAL OF Handling ,Sampling & such other similar charges	(Rs)		209531249								
D	TRANSPORTATION COST	(Rs)		99598512								
E	Weighted average GCV as billed	(kCal/Kg)										
F	Weighted average GCV as received	(kCal/Kg)		4238								

NOT APPLICABLE



Form- D (d): Details of imported coal

Name of the Petitioner: Hiranmaye Energy Limited
 Name of the Station: Hiranmaye Energy Limited-Unit 1 & 2

SL. No	Description	Unit	Previous Years				Base Year			Ensuing Years		
			2018-19 4100-GAR	2019-20	2020-21	2021-22	2022-23 4200-GAR	2023-24 4200-GAR	2024-25 4200-GAR	2025-26 4200-GAR		
1	Indonesia											
	Quantity	(MT)	19506.67				174101	174101	174101			
	Amount charged by Coal Company	(Rs/MT)	4915.8				9840	9935	10030			
	Handling ,Sampling & such other similar charges	(Rs/MT)										
	Transportation cost*	(Rs/MT)	1925				1367	1486	1618			1762
	GCV as billed'	(kCal/Kg)					4200	4200	4200			4200
	GCV as received '	(kCal/Kg)	4100				4200	4200	4200			4200
A	TOTAL QUANTITY	(MT)	19507				174100.7432	174101	174101			174101
B	TOTAL COST OF COAL	(Rs)	95890030				1713232444	1729668365	1746268646			1763034929
C	TOTAL OF Handling ,Sampling & such other similar charges	(Rs)										
D	TRANSPORTATION COST	(Rs)	37547804				237934781	258755837	281658998			306852476
E	Weighted average'GCV as billed	(kCal/Kg)					4200	4200	4200			4200
F	Weighted average'GCV as received	(kCal/Kg)	4100				4200	4200	4200			4200

* Transportation Cost includes charges related to



Form- D(e:)Details of coal from other sources

Name of the Petitioner: Hiranmaye Energy Limited
Name of the Station: Hiranmaye Energy Limited-Unit 1 & 2

SL. No	Description	Unit	Previous Years					Base Year			Ensuing Years		
			2018-19	2019-20	2020-21	2021-22	2022-23	2022-23	2023-24	2024-25	2025-26		
1			Grade-wise -details										
	Quantity	(MT)											
	Amount charged by Coal Company	(Rs/MT)											
	Handling ,Sampling & such other similar charges	(Rs/MT)											
	Transportation cost	(Rs/MT)											
	GCV as billed'	(kCal/Kg)											
	GCV as received '	(kCal/Kg)											
A	TOTAL QUANTITY	(MT)											
B	TOTAL COST OF COAL	(Rs)											
C	TOTAL OF Handling ,Sampling & such other similar charges	(Rs)											
D	TRANSPORTATION COST	(Rs)											
E	Weighted average GCV as billed	(kCal/Kg)											
F	Weighted average GCV as received	(kCal/Kg)											
NOT APPLICABLE													



Form - E (A) : Summarised Revenue Requirement - Generating Company (station wise)

Annexure-I

Ref.	Particulars	Previous Years						Base Year			Ensuing Year						
		2018-19		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		2025-26	
		Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected	Projected	Projected	Projected	
1	Fuel	3631.93	1609.49	13059.21	35535.07	79883.71	77140.34	77535.38	77535.38	77535.38	77535.38	77535.38	77535.38	77535.38	77535.38	77535.38	
2	Employee Cost	1673.28	1312.88	4044.30	4258.80	4485.00	4932.90	5220.45	4485.00	4932.90	5220.45	5220.45	5220.45	5220.45	5220.45	5220.45	
	(a) Employee Costs (Form 1.17 (h))	1673.28	1253.96	3993.18	4218.00	4450.20	4896.05	5181.43	4450.20	4896.05	5181.43	5181.43	5181.43	5181.43	5181.43	5181.43	
	(b) Arrear (Form 1.17 (i))	0.00	58.92	51.12	40.80	34.80	36.85	39.02	34.80	36.85	39.02	39.02	39.02	39.02	39.02	39.02	
3	Operation & Maintenance Expenses	2722.68	2826.15	3051.29	3167.91	3291.14	3383.64	3510.85	3291.14	3383.64	3510.85	3510.85	3510.85	3510.85	3510.85	3510.85	
4	Water Charges (Form 1.17 (a))	1171.40	1171.40	1171.40	1171.40	1383.89	1453.03	1525.68	1383.89	1453.03	1525.68	1525.68	1525.68	1525.68	1525.68	1525.68	
5	Statutory Charges (Form 1.17 (e))	0.00	10.00	10.00	0.00	0.00	10.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	Finance Cost																
	a) Interest on Capital loan (from 1.20 (b))	23976.08	22715.71	21455.33	20194.96	18934.59	18491.01	16342.88	18934.59	18491.01	16342.88	16342.88	16342.88	16342.88	16342.88	16342.88	
	b) Interest on working Capital loan (from 1.17 (b))	1033.72	987.67	1239.65	1748.34	2823.42	2792.36	3183.70	2823.42	2792.36	3183.70	3183.70	3183.70	3183.70	3183.70	3183.70	
	c) Foreign Exchange Rate Variation (Form 1.17 (d))	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	d) Other Financing Charges (Form 1.17 (d))	244.50	20.12	0.36	24.65	256.00	259.00	259.00	256.00	259.00	259.00	259.00	259.00	259.00	259.00	259.00	
7	Depreciation	9555.53	9555.53	9555.53	9555.53	9555.53	14195.32	14421.80	9555.53	14195.32	14421.80	14421.80	14421.80	14421.80	14421.80	14421.80	
8	Intangible Asset written off	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	Bad Debt (see regulation 5.10.1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	Income Tax	2968.42	2968.42	2968.42	2968.42	2968.42	3011.74	3061.28	2968.42	3011.74	3061.28	3061.28	3061.28	3061.28	3061.28	3061.28	
11	Reserve for unforeseen exigencies	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	Demurrage for Transportation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	Others if any to be specified: Rates & Taxes	290.45	290.45	154.48	165.45	177.20	188.38	200.27	177.20	188.38	200.27	200.27	200.27	200.27	200.27	200.27	
14	Total Expenditure (sum of 1-13)	47268.00	43467.82	56709.98	78790.53	123758.90	125857.72	125261.29	123758.90	125857.72	125261.29	125261.29	125261.29	125261.29	125261.29	125261.29	
15	Normative Return (from 1.20 (a))	11,793.49	11,793.49	11,793.49	11,793.49	11,793.49	11,965.59	12,162.40	11,793.49	11,965.59	12,162.40	12,162.40	12,162.40	12,162.40	12,162.40	12,162.40	
16	Permitted Incentives (Form 1.23)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	Gross Revenue Required (14+15+16)	59,061.49	55,261.31	68,503.46	90,584.02	1,35,552.39	1,37,823.30	1,37,423.69	1,35,552.39	1,37,823.30	1,37,423.69	1,37,423.69	1,37,423.69	1,37,423.69	1,37,423.69	1,37,423.69	
18	a) Less : Income other than sale of energy (Form 1.26)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	b) Less; Benefits passed on to Consumers (Form 1.24)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	c) Less: Expenses attributable to persons other than licensees or any consumers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	Aggregate Revenue Required (17-18)	59,061.49	55,261.31	68,503.46	90,584.02	1,35,552.39	1,37,823.30	1,37,423.69	1,35,552.39	1,37,823.30	1,37,423.69	1,37,423.69	1,37,423.69	1,37,423.69	1,37,423.69	1,37,423.69	
20	Revenue from sale of Energy (Actual Estimate)	2825.00	1113.40	19217.48	69337.75	135552.39	137823.30	137423.69	135552.39	137823.30	137423.69	137423.69	137423.69	137423.69	137423.69	137423.69	

Note:

Generating Companies are to furnish Form E(A)

* Where actuals are not available, estimated figures are to be furnished



Ref	Particulars	Previous Year			Base Year	Ensuing Year		
		FY 18-19	FY 19-20	FY 20-21	FY 22-23	FY 23-24	FY 24-25	FY 25-26
		Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
B.								
1	Fuel							
2	Power Purchase							
3	Employee Cost							
	a) Salaries							
	b) Bonus / Exgratia							
	c) Contribution to Funds							
	d) Welfare Expenses							
	g) Directors' fees & expenses							
	h) Terminal Benefits							
	k) Arrear Cost							
4	Coal & Ash Handling							
5	Rent, Rates & Taxes							
6	Legal Charges							
7	Auditors Fees							
8	Repairs & Maintenance incl. Consumables							
9	Other Administrative & General Charges							
10	a) Interest							
	b) Foreign Exchange Rate Variation							
	c) Other Financing Charges							
	d) Interest on Security Deposits							
	e) Lease Rental							
11	a) Depreciation							
	b) Advance against depreciation							
12	Intangible Asset Write Off							
13	Water Cess							
14	Bad Debt (see regulation 5.10.1)							
15	Tax							
16	Reserve for unforeseen exigencies							
17	Demurrage							
18	Insurance							
19	Filing Fee							
19	Total Expenditure (sum 1:19)							
20	Normalive Return							
21	Permitted Incentives							
22	Permitted Return (21+22)							
23	Special Allocations [Form 1.21]							
24	Gross Revenue Required (20+23+24)							
25	a) Less: Income other than sale of energy [Form 1.26]							
26	b) Less: Benefits passed on to Consumers [Form 1.24]							
27	c) Less: Interest credit on Depreciation							
28	d) Less: Expenses attributable to persons other than licensees or any consumers							
29	e) UI charges Receivable at the end of the previous year							
30	Total Deductions from Gross Revenue Requirements (25:29)							
31	Aggregate Revenue Required (25-31)							
32	Subsidy received/ receivable, if any							
33	Revenue from sale of Energy (Actual Estimate)							
34	Average cost of Supply (Paise/ Unit)							

NOT APPLICABLE



Form - E (T) : Summarised Revenue Requirement-Distribution

Rs. Lakhs

Ref.	Particulars	Previous Years				Base Year	Ensuing Year		
		FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26
		Actuals	Actuals	Actuals	Actuals	Estimated	Projected	Projected	Projected
A									
1	Energy Input [Form 1.7]								
2	Energy Transmitted [Form 1.7]								
3	Allocated transmission capacity								
4	Actual Transmission Loss % [Form 1.7]								
B									
1	Employee Cost								
	(a)Employee Costs{ Form 1.17 (h)}								
	(b) Arrear {Form1.17(i)}								
2	Operation & Maintenance Expenses								
3	Statutory Charges{Form1.17(e)}								
4	Finance Cost								
	a)Interest on Capital loan {from 1.20 (b)}								
	b)Interest on working Capital loan {from 1.17(b)}								
	c) Foreign Exchange Rate Variation {Form 1.17 (d)}								
	d) Other Financing Charges {Form1.17 (d)}								
5	Depreciation								
6	Bad Debt (see regulation 5.10.1								
7	Intangible Asset written off								
8	Income Tax								
9	Reserve for unforeseen exigencies								
10	Others if any to be specified								
11	Total Expenditure (sum of 1:10								
12	Normative Return (from 1.20 (a))								
13	Permitted Incentives {Form 1.23}								
14	Gross Revenue Required (14+15+16)								
15	a)Less : Income other than sale of energy {Form`1.26}								
	b) Less; Benefits passed on to Consumers {Form 1.24}								
	c)Less: Expenses attributable to persons other than licensees or any consumers								
16	Aggregate Revenue Required (14-15))								
17	Release of Regulatory Asset,if any								
18	Subsidy received/receivable,if any								
19	Revenue recoveravle from charges (16+17-18)								
20	Expected Revenue from Transmission of Energy (Actual estimate)								
21	Transmission charge (Rs/MW/Month)								

NOT APPLICABLE

Note:Transmission Licensees are to be furnish FormE(T)

* Where actuals are not available ,estimated figures are to be furnished



FORM 6 : CASH FLOW STATEMENT

Sl. ITEM#	2018-19 Actual	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Estimated	2023-24 Projected	2024-25 Projected	2025-26 Projected
(a) Sale of Energy		1113.40	19217.46	69337.75	135552.39	137823.30	137423.69	140479.63
(b) Transmission Charges								
(c) Income other than sale of Energy (to be specified)								
Meter Rent								
Late Payment Surcharge								
Rebate on Electricity Duty								
Supervision Charge from consumers								
Insurance Claim Received								
Profit and sale of store scrap								
Interest on Income tax Refund								
Rent Received								
Income from Investments and Bank Balances								
Others								
OPERATING EXPENSES All revenue nature of expenses other than non-cash charges like Depreciation, DRE etc.)	2,825.00	1,113.40	19,217.46	69,337.75	1,35,552.39	1,37,823.30	1,37,423.69	1,40,479.63
## OPERATING EXPENSES All revenue nature of expenses other than non-cash charges like Depreciation, DRE etc.)								
(a) Cost of Electrical Energy Purchased								
(b) Coal Consumed	3,521.64	1,562.70	12,829.77	35,089.91	77,950.07	75,364.73	75,759.76	76,179.36
(c) Employee Benefit Expenses including Director fee & Commission	1,673.28	1,312.88	4,044.30	4,298.80	4,485.00	4,932.90	5,220.45	5,526.25
(d) Operating expenses (excluding Depreciation, FERV, Bad Debts & Intangible Asset written off)	2,722.68	2,826.15	3,051.29	3,167.91	3,291.14	3,383.64	3,510.85	3,644.12
(e) Repair & Maintenance including Store Consumption								
(f) Raw Water Charges	1,171.40	1,171.40	1,171.40	1,171.40	1,383.89	1,453.03	1,525.68	1,601.97
(g) Cost & Ash Handling Charges								
(h) Rent, Rates and Taxes	280.45	290.45	154.48	165.45	177.20	188.38	200.27	212.91
(i) Insurance								
(j) Administrative and Other Overhead								
(k) Tax paid								
Total (B)	9,379.45	7,163.58	21,251.24	2,968.42	2,968.42	3,011.74	3,061.28	3,116.97
(A)-(B)	(6,554.45)	(6,050.18)	(2,033.76)	46,821.89	90,255.73	88,334.42	89,278.29	90,283.67
INCREASE/DECREASE IN CURRENT ASSETS, CURRENT LIABILITIES & PROVISIONS IN REVENUE ACCOUNT								
(a) Sundry Debtors								
(b) Regulatory Deferral Account Balance								
(c) Loans & Advances								
(d) Current Liabilities								
(e) Provisions								
(f) Others - Inventories								
Total (C)								
OPERATING CASH SURPLUS (A)-(B)+(C)								
UTILISATION OF OPERATING CASH SURPLUS (SOURCES TO MEET OPERATING CASH SHORTFALL)								
(a) Additional own fund brought in								
(b) Additional borrowings								
(c) Additional Consumers' contribution & Security Deposit								
(d) Increase in liabilities for capital works								
(e) Sale of Fixed Asset								
(f) Interest Received								
(g) Sale of Investments								
(h) Recovery of Loan to Subsidiary								
(i) Others								
Total (a to i)								
UTILISATION OF CAPITAL FUND								
(a) Increase in fixed capital expenses								
(b) Loan repayment at actual								
(c) Loan to Subsidiaries								
(d) Decrease in liabilities for capital works								
(e) Additional Investment								
(f) Dividend Paid								
(g) Interest Paid								
(h) Any other item								
Total (a to h)								

