List of Forms

Ref	Form	Description
1	Form 4 (i)	Input to the EHT System (400 kV, 220 kV, 132 kV and 66 kV)
2	Form 4 (ii)	Delivery to 33 & 11 kV Distribution System from EHT System ...kV, 220 kV, 132 kV and 66 kV)
3	Form 4 (iii)	EHT Sales at 220 kV, 132 kV, 66 kV Voltages
4	Form 4 (iv)	Losses (400 kV, 220 kV, 132 kV & 66 kV)
5	Form 4 (v)	Energy Delivered into 33 kV Distribution System a... ...nter-connection Points of the EHT System & other sources of Generation
6	Form 4 (vi)	HT Sales at 33 kV
7	Form 4(vii)	Energy delivered from 33/20/11/6 kV S... ...ons into 20 kV, 11 kV & 6 kV System
8	Form 4 (viii)	Energy Delivered into 11 kV Distribu... ...ystem at the Inter-connection Points of the EHT System and other sources of Generation
9	Form 4 (ix)	HT Direct Sales at 20 kV, 11 kV, 6... ...& 3.3 kV
10	Form 4 (x)	Energy Sold in the LT System
11	Form 4 (xi)	Losses at 33kV and11kV

NOT APPLICABLE

HIRANMAYE ENERGY LIMITED (Formerly Known as India Power Corporation (Haldia) Limited) Kolkata 700 091

Form 4 (i): Input to the EHT System (400 Kv, 220 Kv, 132 kV and 66 kV)

Year: 2023-24 to 2025-26

(a) Own Generating

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
1.	Thermal		
2.	Hydel		
3.	Mini-Hydro		
	Diesel		
	Gas		
4.	Wind		
5.	Renewable		
6.	Co-generation		
Etc.			
Total			**0.00**

NOT APPLICABLE

(b) Energy Purchase - sources within the S

Sl.No.	Source of Supply	nergy Delivered into the Grid System	MU
1.			
2.			
3.			
4.			
5.			
Total			**0.00**

(c) Energy Purchase - sources outside the State

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
1.			
2.			
3.			
4.			
Etc.			
Total			**0.00**

(d) Others

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
1.			
2.			
3.			
4.			
Etc.			
Total			**0.00**

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Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
Total	**Open Access**		**0.00**

Annex 4

Form 4 (ii): Delivery to 33 & 11kV Distrbution System from EHT System (400 kV, 220 kV, 132 kV and 66kV)

Year: 2023-24 to 2025-26

MU

Sl.No.	Unit Area	Energy Received at all EHT S/Ss(132/33kV) existing in the Unit Area		Total Energy delivered into 33 & 11 kV Distribution System
		Energy delivered into 33 kV Distribution System	Energy delivered into 11 kV Distribution System	
		(a)	(b)	(a) + (b)
1		NOT APPLICABLE		
2				
	Total	**0.00**	**0.00**	**0.00**

HIRANMAYE ENERGY LIMITED (Formerly Known as India Power Corporation (Haldia) Limited) Kolkata 700 091

Annex 4

Form 4 (iii): EHT Sales at 220 kV, 132 kV, 66 kV Voltages

Year: 2023-24 to 2025-26

Sl.No.	Supply Voltage	No. of consumers	Total Units Recorded by HT Meters
1.			
2.			
3.			
	Total	**0**	**0.00**

NOT APPLICABLE

Annex 4

Form 4 (iv): Losses (400 kV, 220 kV, 132 kV and 66 kV)

Year: 2023-24 to 2025-26

Loss Calculation

MU

		Unit	Derivation	
(a)	**Total Energy delivered to System - 4(i)**			
	Own Generating Stations - 4(i)	MU		0.00
	Energy Purchase - sources within the State - 4(i	MU		0.00
	Energy Purchase - sources outside the State - 4	MU		0.00
	Others - 4(i)	MU		0.00
	Total Energy delivered to System - 4(i)	MU		0.00
(b)	**Delivered to Distribution System - 4 (ii) & 4 (iii)**			
	Energy received at all EHT S/Ss at 33 kV - 4(ii)	M		0.00
	Energy received at all EHT S/Ss at 11 kV - 4(ii)			0.00
	HT Consumption at 220, 132, 66 kV - 4 (iii)			0.00
	Deivered to Distribution System - 4(ii) &4(iii)	U	**b**	0.00
	Losses:			
(c)	**220 kV, 132 kV, 66 kV System Losses**	%	**(a-b)/a *100**	0.00

NOT APPLICABLE

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Annex 4

Form 4 (v): Energy Delivered into 33 kV Distribution System at the Inter-connection Points of the EHT System & other sources of Generation

Year: 2023-24 to 2025-26

Sl. No.	Name of the Unit Area	Energy Delivered into 33 kV Distribution System								Total Energy Delivered into the Unit Area
		From all EHT S/Ss Existing in the Unit Area (a)			Other Sources of Input in the Unit Area (b)					
		Gross	Substation Consumption/ Export, if any	Net	Own	Purchase	Renewable / Co-generation	Others	Sub-total	(a+b)
1				0.00					0.00	0.00
2		0.00		0.00					0.00	0.00
3		0.00							0.00	0.00
4									0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

NOT APPLICABLE

HIRANMAYE ENERGY LIMITED (Formerly known as India Power Corporation (Haldia) Limited) Kolkata 700 091

Annex 4

Form 4 (vi): HT Sales at 33 kV

Year: 2023-24 to 2025-26

Sl.No.	Name of the Unit Area	Number of C	Total Units Recorded by 33 kV HT Meters
1			
2	NOT APPLICABLE		
	Total HT Sales at 33 kV	**0**	**0.00**

Annex 4

Form 4 (vii): Energy delivered from 33/20/11/6 kV Substations into 20 kV, 11 kV & 6 kV System (including LT System)

Year: 2023-24 to 2025-26

MU

Sl.No.	Name of the Unit Area	gy delivered at HT from all the 33/20/11/6kV Substations existing in the Unit area
	11 KV and Bel	
1	Energy Available for S	
	Total	**0.00**

NOT APPLICABLE

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Annex 4

Form 4 (viii): Energy Delivered into 11 kV Distribution System at the Inter-connection Points of the EHT System & other sources of Generation

Year: 2023-24 to 2025-26

MU

Sl. No.	Name of the Unit Area	Energy Delivered into 11 kV Distribution System								Total Energy Delivered into the Unit Area
		From all EHT S/Ss Existing in the Unit Area (a)			Other Sources of Input in the Unit Area (b)					
		Gross	Substation Consumption/ Export, if any	Net	Generation	Purchase	Renewable / Co-generation	Others	Sub-total	(a+b)
		NOT APPLICABLE								
1		NOT Applicable								
2										
3										
4										
Etc.										
	Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Annex 4

Form 4 (ix): HT Direct Sales at 20 kV, 11 kV, 6 kV & 3.3 kV

Year: 2023-24 to 2025-26

MU

Sl.No.	Name of the Unit Area	Number of ...rs	Total Units Recorded by HT Meters
1			
2			
	Total	**0**	**0.00**

NOT APPLICABLE

HIRANMAYE ENERGY LIMITED (Formerly Known as India Power Corporation (Haldia) Limited) Kolkata 700 091

Annex 4

Form 4 (x): Energy Sold in the LT System

Year: 2023-24 to 2025-26

MU

Sl.No.	Name of the Unit Area	Domestic	Commercial	Indu	Public Lighting	Irrigation & Agriculture	Hospital & Educational Institute	Total
1								0.00
2								0.00
								0.00
								0.00
	Total	0.00	0.0	0.00	0.00	0.00	0.00	0.00

NOT APPLICABLE

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Kolkata 700 091

Form 4 (xi): Losses at 33 kV and below

Annex 4

Year: 2023-24 to 2025-26

Loss Calculation

MU

			Unit	Derivation	
1.	**Losses in 33 kV System and Connected Equipment**				
	(i)	Total Energy delivered into 33 kV Distribution System from EHT S/Ss			
		and other Generating Stations - 4(v)	MU	A	0.00
	(ii)	Energy sold by HT direct sales at 33 kV - 4(vi)	MU	B	0.00
	(iii)	Energy Delivered into 11 kV and LT System from 33/11 kV S/Ss - 4(vii)	MU	C	0.00
		Losses	MU	A - (B+C)	0.00
		% Losses	%	100 x {A-(B+C)}/A	#DIV/0!
2.	**Losses in 11 kV System and Connected Equipment**				
	(i)	Energy delivered into 11 kV and LT Distribution [illegible] 33/11 kV S/Ss - 4(vii)	MU	C	0.00
	(i)	Energy delivered into 11 kV Distribution System [illegible] S/Ss and other Gen. Stn. - 4(v	MU	D	0.00
		Total Energy delivered into 11 kV and LT Distribution System	MU	C+D	0.00
	(ii)	Energy sold HT direct sales at 11 kV - 4(ix)	MU	E	0.00
	(iv)	Energy Delivered into 6 kV and LT System from 11/6 kV S/Ss - 4(x)	MU	F	0.00
		Total Sales	MU	E+F	0.00
		Losses	MU	{(C+D) - (E+F)}	0.00
		% Losses	%	{(C+D) - (E+F)}x100/	#DIV/0!

NOT APPLICABLE

HIRANMAYE ENERGY LIMITED (Formerly Known as India Power Corporation (Haldia) Limited) Kolkata 700 091

List of Forms		
Ref	**Form**	**Description**
1	Form 5(i)	Voltage Fluctuation
2	Form 5(ii)	Frequency excursion
3	Form 5(iii)	Abstract of Outages du... g of HT Feeders
4	Form 5(iv)	Failure of Transfo...
5	Form 5(v)	Major Syste... nce (Grid Disturbance)
6	Form 5(vi)	Electri... nts
7	Form 5(vii)	... Customer Bills
8	Form 5(viii)	...ase of Service Connections
9	Form 5(ix)	Status of Metering
10	Form 5(x)	Status of Demand

NOT APPLICABLE

HIRANMAYE ENERGY LIMITED (Formerly Known as India Power Corporation (Haldia) Limited) Kolkata 700 091

Form 5 (i): VOLTAGE FLUCTUATION

Current Year: FY 2022-23

Period	First six months of Previous Year (FY2021-22) Percentage of time when Voltage was:		Last six months of Previous Year (FY2021-22) Percentage of time when Voltage was:		First six month of Current Year (FY2022-23) Percentage of time when Voltage was:		Corrrective Measures Proposed
At 33kV side of Transformer (take off point of 33kV bus)	Below (9%)	Above (6%)	Below (9%)	Above (6%)	Below (9%)	Above (6%)	
	Not happened	Not happened	Not happened	Not happened	Not happened	Not happened	
At EHT Bus	Below 12.5%	Above 10%	Below 12.5%	Above 10%	Below 12.5%	Above 10%	
	Not happened	Not happened	Not happened	Not happened	Not happened	Not happened	

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Kolkata 700 091

Annex 5

Form 5 (ii): FREQUENCY EXCURSION

Current Year: FY2022-23

	Period	First six months of Previous Year (FY2021-22) Percentage of time when System Frequency was		Last six months of Previous Year (FY2021-22) Percentage of time when System Frequency was		First six month of Current Year (FY2022-23) Percentage of time when System Frequency was		Corrective measures proposed to maintain system frequency within limits
		Below 48.5 C/S	Above 51.5 C/S	Below 48.5 C/S	Above 51.5 C/S	Below 48.5 C/S	Above 51.5 C/S	
		Not happened	Not happened	Not happened	...appened	Not happened	Not happened	

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Annex 5

Form 5 (iii): ABSTRACT OF OUTAGES OF HT FEEDERS

Current Year: *FY 2022-23*

Name of Sub-station:

	System	First six months of Previous Year (FY2021-22)			Last six months of Previous Year (FY2021-22)			First six month of Current Year (FY2022-23)			Remedial Measures
		No. of outages	Duration of outages (Hours.)	Average Interruption per Feeder (Hours.)	No. of outages	Duration of outages (Hours.)	Average Interruption per Feeder (Hours.)	No. of outages	Duration of outages (Hours.)	Average Interruption per Feeder (Hours.)	
a.	All 33KV outgoing feeders										
b.	All 6KV/11KV outgoing feeders										
c.	Power Transformer										
i)	High voltage side										
ii)	Low voltage side										

NOT APPLICABLE

Note:
Individual transformers will not be considered as sub-stations

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Annex 5

Form 5 (iv):FAILURE OF TRANSFORMERS (NOS)

Current Year: FY 2022-23

SL. No.	PERIOD	First six months of Previous Year (FY2021-22)			Previous Year (FY2021-22)			First six month of Current Year (FY2022-23)		
	ITEMS	No of Failures	Total No. Installed	% Failure	No of Failures	Total No. Installed	% Failure	No of Failures	Total No. Installed	% Failure
1	EHT Transformers									
	i) AUTO	NA	NA		NA	NA	0.00%	NA	NA	0.00%
	ii) POWER	NA	NA		NA	NA	0.00%	NA	NA	0.00%
2	Power Transformers (HT)	NA	NA	%	NA	NA	0.00%	NA	NA	0.00%
3	Distribution Transformers	NA	NA	0.00%	NA	NA	0.00%	NA	NA	0.00%

NOT APPLICABLE

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Annex 5

Form 5 (v): MAJOR SYSTEM DISTURBANCE (GRID DISTURBANCE)

Current Year: FY 2022-23

Sl. No.	Period	First six months of Previous Year (FY2021-22)	Last six months of Previous Year (FY2021-22)	First six month of Current Year (FY2022-23)
1.	No. of occurrences	NA	NA	NA
2.	Total duration of Interruption	NA		NA
3.	Estimated unserved energy(MU) due to such interruptions Example Load Prior to the disturbance x No. of Hours of Interuptions	NA	NA	NA
4.	No. of occasions when system was isolated from the Region Grid due to system disturbance affecting power supply in the system		NA	NA
5.	No. of occasions when system remained stable after being isolated from Grid due to system disturbance		NA	NA
6.	Remedial Measures to prevent Grid system disturbance			

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Annex 5

Form 5 (vi): ELECTRICAL ACCIDENTS

Current Year: FY 2022-23

PERIOD	First six months of Previous Year (FY2021-22)				Last six months of Previous Year (FY2021-22)				First six month of Current Year (FY2022-23)				Corrective Measures Proposed to avoid accidents
	No. of Accidents		No. of Accidents		No. of Accidents		No. of Accidents		No. of Accidents		No. of Accidents		
Items	FATAL		NON - FATAL		FATAL		NON - FATAL		FATAL		NON - FATAL		
	Human	Animal	Human	Animal	Human	Animal	Human	Animal	Human	Animal	Human	Animal	
(a) EHT	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
(b) HV/LV	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	

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Annex 5

5 (vii): RELEASE OF CUSTOMER BILLS

Current Year: FY2022-23

Period	First six months of Previous Year (FY2021-22)		Last six months of Previous Year (FY2021-22)		First six month of Current Year (FY2022-23)		Actions proposed to be taken for prompt release of customer bills
	No. of customer bills served within 30 days of billing period	No. of customer bills served after 30 days of billing period	No. of customer bills served within 30 days of billing period	No. of customer bills served after 30 days of billing period	No. of customer bills served within 30 days of billing period	No. of customer bills served after 30 days of billing period	
1							
2							
3							
4							
5							
6							

NOT APPLICABLE

HIRANMAYE ENERGY LIMITED (Formerly Known as India Power Corporation (Haldia) Limited) Kolkata 700 091

Annex 5

Form 5 (viii): RELEASE OF SERVICE CONNECTION

Current Year: FY2022-23

Period	Category	First six months of Previous Year (FY2021-22)		Last six months of Previous Year (FY2021-22)		First six month of Current Year FY2022-23		Actions proposed to be taken for providing service connection in time
Sl. No.		No. of service connections provided within 30 days of valid requisition for power supply	No. of service connections provided after 30 days of valid requisitions for power supply	No. of service connections provided within 30 days of valid requisition for power supply	No. of service connections provided after 30 days of valid requisitions for power supply	No. of service connections provided within 30 days of valid requisition for power supply	No. of service connections provided after 30 days of valid requisitions for power supply	
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								

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Form 5 (ix): STATUS OF METERING

Annex 5

Current Year: FY 2022-23

Sl. No.	Category	Domestic	Commercial	Industrial	Public Lighting	Public Waterworks (small/ medium)	Other categories as may be appropriate	Utility Service	Commercial	Domestic	Traction	Industrial	Other Categories as may be appropriate	Total
		LT	LT	LT	LT	LT	LT	HT	HT	HT	HT	HT	HT	
1	No. of consumers at the end of pre-previous year													0
2	No. of consumers with defective meters/ unmetered consumers													0
3	Percentage of defective meters/ unmetered consumers													0.00%
4	No. of consumers at the end of previous year													0
5	No. of consumers with defective meters/ unmetered consumers													0
6	Percentage of defective meters/ unmetered consumers													0.00%
7	Percentage change from pre-previous year (+/-)													0.00%
8	No. of consumers as at the end of current year													0
9	No. of consumers with defective meters/ unmetered consumers													0
10	Percentage of defective meters/ unmetered consumers													0.00%
11	Percentage change from previous year (+/-)													0.00%
12	Target for ensuing year Percentage of defective meters/ unmetered consumers													0
13	Target for ensuing year Percentage change from current year (+/-)													0.00

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Annex 5

Form 5 (x): Status of Demand

Sl. No	Month -Year	Average of Daily Peak Demand (inclusive of load shedding)	Average of Daily Peak Demand met	Shortfall	Reasons
		MW	MW	MW	
		(1)	(2)	(1) - (2)	
1	Apr-21			0.00	
2	May-21			0.00	
3	Jun-21			0.00	
4	Jul-21			0.00	
5	Aug-21			0.00	
6	Sep-21			0.00	
7	Oct-21			0.00	
8	Nov-21			0.00	
9	Dec-21			0.00	
10	Jan-22			0.00	
11	Feb-22			0.00	
12	Mar-22			0.00	
13	Apr-22			0.00	
14	May-22			0.00	
15	Jun-22			0.00	
16	Jul-22			0.00	
17	Aug-22			0.00	
18	Sep-22			0.00	
19	Oct-22			0.00	
20	Nov-22			0.00	
21	Dec-22			0.00	
22	Jan-23			0.00	
23	Feb-23			0.00	
24	Mar-23			0.00	
25	Apr-23			0.00	
26	May-23			0.00	
27	Jun-23			0.00	
28	Jul-23			0.00	
29	Aug-23			0.00	
30	Sep-23			0.00	
31	Oct-23			0.00	
32	Nov-23			0.00	
33	Dec-23			0.00	
34	Jan-24			0.00	
35	Feb-24			0.00	
36	Mar-24			0.00	
37	Apr-24			0.00	
38	May-24			0.00	
39	Jun-24			0.00	
40	Jul-24			0.00	
41	Aug-24			0.00	
42	Sep-24			0.00	
43	Oct-24			0.00	
44	Nov-24			0.00	
45	Dec-24			0.00	
46	Jan-25			0.00	
47	Feb-25			0.00	
48	Mar-25			0.00	
49	Apr-25			0.00	
50	May-25			0.00	
51	Jun-25			0.00	
52	Jul-25			0.00	
53	Aug-25			0.00	
54	Sep-25			0.00	
55	Oct-25			0.00	
56	Nov-25			0.00	
57	Dec-25			0.00	
58	Jan-26			0.00	
59	Feb-26			0.00	
60	Mar-26			0.00	

SUPPLY AS PER APPROVED SCHEDULE