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

Year:

(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.		
<b>Total</b>			<b>0.00</b>

(b) Energy Purchase - sources within the State

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
1.	Open Access	85562500	85.56
2.	DVC Schedule	67000000	67.00
3.			
4.			
5.			
<b>Total</b>			<b>152.56</b>

(c) Energy Purchase - sources outside the State

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
1.	Open Access	256687500	256.69
2.	SECI-Hybrid Renewable	259000000	259.00
3.	SECI RTC RE	150000000	150.00
4.			
	Etc.		
<b>Total</b>			<b>665.69</b>

(d) Others

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

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
<b>Total</b>	<b>Open Access</b>		<b>818.25</b>



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

Year: 2023-24

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 (a)	Energy delivered into 11 kV Distribution System (b)	
1	SPS Area	513.01		513.01
2	DPS Area	235.18		235.18
	<b>Total</b>	<b>748.19</b>	<b>0.00</b>	<b>748.19</b>





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

Year: 

Sl.No.	Supply Voltage	No. of consumers	Total Units Recorded by HT Meters
1.	220 kV	0.00	0.00
2.	132 kV	2	320.81
3.	66 kV	0.00	0.00
	<b>Total</b>	<b>2</b>	<b>320.81</b>



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

Year:

2023-24

## Loss Calculation

MU

	Unit	Derivation
(a)		
		<b>Total Energy delivered to System - 4(i)</b>
	MU	Own Generating Stations - 4(i)
	MU	Energy Purchase - sources within the State - 4(j)
	MU	Energy Purchase - sources outside the State - 4
	MU	Others - 4(i)
	MU	<b>Total Energy delivered to System - 4(i)</b>
		<b>a</b>
(b)		
		<b>Delivered to Distribution System - 4 (ii) &amp; 4 (iii)</b>
	MU	Energy received at all EHT S/Ss at 33 kV - 4(ii)
	MU	Energy received at all EHT S/Ss at 11 kV - 4(ii)
	MU	HT Consumption at 220, 132, 66 kV - 4 (iii)
	MU	<b>Deivered to Distribution System - 4(ii) &amp;4(iii)</b>
		<b>b</b>
		Losses:
(c)	%	<b>220 kV, 132 kV, 66 kV System Losses</b>
		<b>(a-b)/a *100</b>
		<b>-30.64</b>



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

Year: 2023-24

MU

Sl. No.	Name of the Unit Area	Energy Delivered into 33 kV Distribution System				Total Energy Delivered into the Unit Area (a+b)					
		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 Generation		Purchase	Renewable / Co-generation	Others	Sub-total	
1	12 MW Generation			0.00	80.42					80.42	80.42
2	Dishergarh Circle	235.18	0.05	235.23						0.00	235.23
3	Seebpore Circle	513.01	0.50	513.51						0.00	513.51
4				0.00			0.35			0.35	0.35
	<b>Total</b>	<b>748.19</b>	<b>0.55</b>	<b>748.74</b>	<b>80.42</b>	<b>0.00</b>	<b>0.35</b>	<b>0.00</b>	<b>80.77</b>	<b>829.50</b>	





## Form 4 (vi): HT Sales at 33 kV

Year:

2023-24

Sl.No.	Name of the Unit Area	Number of Consumers	Total Units Recorded by 33 kV HT Meters
1	Dishergarh Circle	2	38.93
2	Seebpore Circle	14	272.48
	<b>Total HT Sales at 33 kV</b>	<b>16</b>	<b>311.40</b>



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

Year: 

MU

Sl.No.	Name of the Unit Area	Energy delivered at HT from all the 33/20/11/6kV Substations existing in the Unit area
	<b>11 KV and Below</b>	
1	Energy Available for Sale	505.15
	<b>Total</b>	<b>505.15</b>







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

Year: 

MU

Sl.No.	Name of the Unit Area	Number of Consumers	Total Units Recorded by HT Meters
1	Dishergarh Circle	265	208.12
2	Seebpore Circle	244	192.11
	<b>Total</b>	<b>509</b>	<b>400.23</b>



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

Year:

2023-24

MU

Sl.No.	Name of the Unit Area	Domestic	Commercial	Industrial	Public Lighting	Irrigation & Agriculture	Hospital & Educational	Total
1	Dishergarh Circle	13.16	7.94	5.06	0.00		1.24	27.39
2	Seebpore Circle	8.90	8.48	7.71	0.16		0.98	26.23
								0.00
								0.00
	<b>Total</b>	<b>22.06</b>	<b>16.42</b>	<b>12.76</b>	<b>0.16</b>	<b>0.00</b>	<b>2.22</b>	<b>53.62</b>







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

Year:

(a) Own Generating Stations

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.		
<b>Total</b>			<b>0.00</b>

(b) Energy Purchase - sources within the State

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
1.	Open Access	19603622	19.60
2.	DVC schedule	67000000	67.00
3.			
4.			
5.			
<b>Total</b>			<b>86.60</b>

(c) Energy Purchase - sources outside the State

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
1.	Open Access	58810866	58.81
2.	SECI-Hybrid Renewable	259000000	259.00
3.	SECI RTC RE	701000000	701.00
4.			
	Etc.		
<b>Total</b>			<b>1018.81</b>

(d) Others

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

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
<b>Total</b>			<b>1105.41</b>



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

Year: 

MU

Sl.No.	Unit Area	Energy Received at all EHT S/Ss(132/33kV) existing in the Unit Area		Total Energy delivered into
		Energy delivered into 33 kV Distribution System	Energy delivered into 11 kV Distribution System	33 & 11 kV Distribution System
		(a)	(b)	(a) + (b)
1	SPS Area	600.47		600.47
2	DPS Area	276.27		276.27
	<b>Total</b>	<b>876.73</b>	<b>0.00</b>	<b>876.73</b>





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

Year: 

Sl.No.	Supply Voltage	No. of consumers	Total Units Recorded by HT Meters
1.	220 kV	0.00	0.00
2.	132 kV	2	379.03
3.	66 kV	0.00	0.00
	<b>Total</b>	<b>2</b>	<b>379.03</b>



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

Year:

2024-25

## Loss Calculation

MU

		Unit	Derivation
(a)	<b>Total Energy delivered to System - 4(i)</b>		
	Own Generating Stations - 4(i)	MU	0.00
	Energy Purchase - sources within the State - 4(i)	MU	86.60
	Energy Purchase - sources outside the State - 4(i)	MU	1018.81
	Others - 4(i)	MU	0.00
	<b>Total Energy delivered to System - 4(i)</b>	MU	a 1105.41
(b)	<b>Delivered to Distribution System - 4 (ii) &amp; 4 (iii)</b>		
	Energy received at all EHT S/Ss at 33 kV - 4(ii)	MU	876.73
	Energy received at all EHT S/Ss at 11 kV - 4(ii)	MU	0.00
	HT Consumption at 220, 132, 66 kV - 4 (iii)	MU	379.03
	<b>Deivered to Distribution System - 4(ii) &amp;4(iii)</b>	MU	b 1255.76
	Losses:		
(c)	<b>220 kV, 132 kV, 66 kV System Losses</b>	%	(a-b)/a *100 -13.60



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

Year: 2024-25

MU

Sl. No.	Name of the Unit Area	Energy Delivered into 33 kV Distribution System			Other Sources of Input in the Unit Area				Total Energy Delivered into the Unit Area (a+b)
		From all EHT S/Ss Existing in the Unit Area (a)		Net	(b)			Sub-total	
		Gross	Substation Consumption/Export, if any		Own Generation	Purchase	Renewable / Co-generation	Others	
1	12 MW Generation			0.00	80.42				80.42
2	Dishergarh Circle	276.27	0.05	276.32					0.00
3	Seebpore Circle	600.47	0.50	600.97					0.00
4				0.00			0.35		0.35
	<b>Total</b>	<b>876.73</b>	<b>0.55</b>	<b>877.28</b>	<b>80.42</b>	<b>0.00</b>	<b>0.35</b>	<b>0.00</b>	<b>80.77</b>
									<b>958.05</b>





## Form 4 (vi): HT Sales at 33 kV

Year: 

Sl.No.	Name of the Unit Area	Number of Consumers	Total Units Recorded by 33 kV HT Meters
1	Dishergarh Circle	4	79.58
2	Seebpore Circle	14	278.53
	<b>Total HT Sales at 33 kV</b>	<b>18</b>	<b>358.11</b>



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

Year:

2024-25

MU

Sl.No.	Name of the Unit Area	Energy delivered at HT from all the 33/20/11/6kV Substations existing in the Unit area
	<b>11 KV and Below</b>	
1	Energy Available for Sale	587.94
	<b>Total</b>	<b>587.94</b>









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

Annex 4

Year:

MU

Sl.No.	Name of the Unit/Area	Domestic	Commercial	Industrial	Public Lighting	Irrigation & Agriculture	Hospital & Educational Institute	Total
1	Dishergarh Circle	17.85	10.76	6.85	0.00		1.69	37.15
2	Seebpore Circle	12.07	11.50	10.45	0.22		1.33	35.57
								0.00
								0.00
	<b>Total</b>	<b>29.92</b>	<b>22.26</b>	<b>17.30</b>	<b>0.22</b>	<b>0.00</b>	<b>3.02</b>	<b>72.72</b>



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

Annex 4

Year: 2024-25

Loss Calculation

MU

1.	Losses in 33 kV System and Connected Equipment	Unit	Derivation
(i)	Total Energy delivered into 33 kV Distribution System from EHT S/Ss and other Generating Stations - 4(v)	MU	A
(ii)	Energy sold by HT direct sales at 33 kV - 4(vi)	MU	B
(iii)	Energy Delivered into 11 kV and LT System from 33/11 kV S/Ss - 4(vii)	MU	C
	Losses	MU	A - (B+C)
	% Losses	%	$100 \times \frac{A - (B+C)}{A}$
			2.04%
2.	Losses in 11 kV System and Connected Equipment		
(i)	Energy delivered into 11 kV and LT Distribution System from 33/11 kV S/Ss - 4(vii)	MU	C
(i)	Energy delivered into 11 kV Distribution System from EHT S/Ss and other Gen. Stn. - 4(v)	MU	D
	Total Energy delivered into 11 kV and LT Distribution System	MU	C+D
(ii)	Energy sold HT direct sales at 11 kV - 4(ix)	MU	E
(iv)	Energy Delivered into 6 kV and LT System from 11/6 kV S/Ss - 4(x)	MU	F
	Total Sales	MU	E+F
	Losses	MU	$\{(C+D) - (E+F)\}$
	% Losses	%	$\frac{\{(C+D) - (E+F)\} \times 100}{D}$
			13.69%





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

Year:

(a) Own Generating Stations

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.		
<b>Total</b>			<b>0.00</b>

(b) Energy Purchase - sources within the State

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
1.	Open Access	43078279.02	43.08
2.			
3.			
4.			
5.			
<b>Total</b>			<b>43.08</b>

(c) Energy Purchase - sources outside the State

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
1.	Open Access	129234837	129.23
2.	SECI-Hybrid Renewable	259000000	259.00
3.	SECI RTC RE	701000000	701.00
4.			
	Etc.		
<b>Total</b>			<b>1089.23</b>

(d) Others

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

Sl.No.	Source of Supply	Energy Delivered into the Grid System	MU
<b>Total</b>			<b>1132.31</b>



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

Year: 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	SPS Area	655.34		655.34
2	DPS Area	296.93		296.93
	<b>Total</b>	<b>952.26</b>	<b>0.00</b>	<b>952.26</b>



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

Year: 

Sl.No.	Supply Voltage	No. of consumers	Total Units Recorded by HT Meters
1.	220 kV	0.00	0.00
2.	132 kV	2	397.40
3.	66 kV	0.00	0.00
<b>Total</b>		<b>2</b>	<b>397.40</b>





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

Year:

2025-26

## Loss Calculation

MU

		Unit	Derivation
(a)	<b>Total Energy delivered to System - 4(i)</b>		
	Own Generating Stations - 4(i)	MU	0.00
	Energy Purchase - sources within the State - 4(ii)	MU	43.08
	Energy Purchase - sources outside the State - 4(iii)	MU	1089.23
	Others - 4(i)	MU	0.00
	<b>Total Energy delivered to System - 4(i)</b>	MU	<b>a</b> 1132.31
(b)	<b>Delivered to Distribution System - 4 (ii) &amp; 4 (iii)</b>		
	Energy received at all EHT S/Ss at 33 kV - 4(ii)	MU	952.26
	Energy received at all EHT S/Ss at 11 kV - 4(ii)	MU	0.00
	HT Consumption at 220, 132, 66 kV - 4 (iii)	MU	397.40
	<b>Deivered to Distribution System - 4(ii) &amp;4(iii)</b>	MU	<b>b</b> 1349.66
	Losses:		
(c)	<b>220 kV, 132 kV, 66 kV System Losses</b>	%	<b>(a-b)/a *100</b> -19.20



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

Year: 2025-26

MU

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		Other Sources of Input in the Unit Area					
		(a)		(b)					
	Gross	Substation Consumption/ Export, if any	Net	Own Generation	Purchase	Renewable / Co-generation	Others	Sub-total	(a+b)
1	12 MW Generation			0.00	80.42			80.42	80.42
2	Dishergarh Circle	296.93	0.05	296.98				0.00	296.98
3	Seebpore Circle	655.34	0.50	655.84				0.00	655.84
4				0.00		0.35		0.35	0.35
	<b>Total</b>	<b>952.26</b>	<b>0.55</b>	<b>952.81</b>	<b>80.42</b>	<b>0.00</b>	<b>0.00</b>	<b>80.77</b>	<b>1033.58</b>



## Form 4 (vi): HT Sales at 33 kV

Year: 

Sl.No.	Name of the Unit Area	Number of Consumers	Total Units Recorded by 33 kV HT Meters
1	Dishergarh Circle	5	100.84
2	Seebpore Circle	14	282.34
	<b>Total HT Sales at 33 kV</b>	<b>19</b>	<b>383.18</b>





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

Year:

MU

Sl.No.	Name of the Unit Area	Energy delivered at HT from all the 33/20/11/6kV Substations existing in the Unit area
	11 KV and Below	
1	Energy Available for Sale	638.69
	<b>Total</b>	<b>638.69</b>



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

Year:

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	Own Generation	Purchase	Renewable / Co-generation	Others	Sub-total	(a+b)
1										
2										
3										
4										
Etc.										
NOT Applicable										
	<b>Total</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



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

Year: 2025-26

MU

Sl.No.	Name of the Unit Area	Number of Consumers	Total Units Recorded by HT Meters
1	Dishergarh Circle	310	245.86
2	Seebpore Circle	287	226.95
	<b>Total</b>	<b>597</b>	<b>472.81</b>





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

Year:

2025-26

MU

Sl.No.	Name of the Unit Area	Domestic	Commercial	Industrial	Public Lighting	Irrigation & Agriculture	Hospital & Educational	Total
1	Dishergarh Circle	24.20	14.59	9.29	0.00		2.29	50.37
2	Seebpore Circle	16.37	15.60	14.17	0.30		1.80	48.24
								0.00
								0.00
	<b>Total</b>	<b>40.57</b>	<b>30.19</b>	<b>23.46</b>	<b>0.30</b>	<b>0.00</b>	<b>4.09</b>	<b>98.61</b>



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

Year:

Loss Calculation

Annex 4

MU

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

