

## General Information

1	<b>Name of the DISCOM</b>	MPSEZ Utilities Limited		
2	<b>i) Year of Establishment</b>	2010		
	<b>ii) Government/Public/Private</b>	Private		
3	<b>DISCOM's Contact details &amp; Address</b>			
i	City/Town/Village	2nd Floor, Adani House, Navinal Island, Mundra		
ii	District	Kutch		
iii	State	Gujarat	Pin	370421
iv	Telephone	02838 255797	Fax	
4	<b>Registered Office</b>			
i	Company's Chief Executive Name	Sanjay Mittal		
ii	Designation	CEO		
iii	Address	2nd Floor, Adani House, APSEZ		
iv	City/Town/Village	Mundra	P.O.	
v	District	Kutch		
vi	State	Gujarat	Pin	370421
vii	Telephone	6358871312	Fax	
5	<b>Nodal Officer Details*</b>			
i	Nodal Officer Name (Designated at DISCOM's)	Anil Rabadia		
ii	Designation	Sr. Manager		
iii	Address	2nd Floor, Adani House, APSEZ		
iv	City/Town/Village	Mundra	P.O.	
v	District	Kutch		
vi	State	Gujarat	Pin	370421
vii	Telephone	9687660309	Fax	
6	<b>Energy Manager Details*</b>			
i	Name	Anil Rabadia		
ii	Designation	Sr. Manager	Whether EA or EM	EA
iii	EA/EM Registration No.	EA-17765		
iv	Telephone		Fax	
v	Mobile	9687660309	E-mail ID	Anilb.Rabadia@adani.com
7	<b>Period of Information</b>			
	Year of (FY) information including Date and Month (Start & End)	1st Apr, 2023 - 30th Jun, 2023		

**Performance Summary of Electricity Distribution Companies**

<b>1</b>	Period of Information Year of (FY) information including Date and Month (Start & End)	1st Apr, 2023 - 30th Jun, 2023	
<b>2</b>	<b>Technical Details</b>		
<b>(a)</b>	<b>Energy Input Details</b>		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	138.11
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	136.56
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded)	Million kwh	132.67
<b>(b)</b>	Transmission and Distribution (T&D) loss Details	Million kwh	3.89
		%	2.85%
	Collection Efficiency	%	100.00%
<b>(c)</b>	Aggregate Technical & Commercial Loss	%	2.85%

**if any of the information supplied is found to be incorrect and such information result into loss to the Central Government or State Government or any of the authority under them or any other person affected, I/we undertake to indemnify such loss.**

Authorised Signatory and Seal

Name of Authorised Signatory: *Sh. Sanjay mittal*  
 Name of the DISCOM:  
 Full Address:-

Signature:-

Name of AEA\*:

Registration Number:



Anil Rabadia

EA-17765

Seal

Form-Details of Input Infrastructure					
1	Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)
i	Number of circles	1	1	1	
ii	Number of divisions	1	1	1	
iii	Number of sub-divisions	0	0	0	
iv	Number of Sub-stations	6	6	6	
v	Number of Power Transformers	13	13	13	
vi	Total capacity of the PTRs in MVA	607	607	607	
vii	Number of Capacitor banks	0	0	0	
viii	Total capacity of the Capacitor Banks in MVAR	0	0	0	
ix	Total Number of feeders	72	72	72	
x	Total Number of DTs	8	8	8	
xi	Total capacity of the DTs in KVA	3,005	3005	3005	
xii	Number of consumers	90	90	90	
<b>2</b>	<b>Parameters</b>	<b>66kV and above</b>	<b>33kV</b>	<b>11kV/22kV/20kV/6.6kV/3.3kV</b>	<b>LT</b>
a. i.	Number of conventional metered consumers	4	1	27	35
ii	Number of consumers with 'smart' meters	0	0	0	0
iii	Number of consumers with 'smart prepaid' meters	0	0	0	0
iv	Number of consumers with 'AMR' meters	4	0	17	2
v	Number of consumers with 'non-smart prepaid' meters	0	0	0	0
vi	Number of unmetered consumers	0	0	0	0
vii	<b>Number of total consumers</b>	<b>8</b>	<b>1</b>	<b>44</b>	<b>37</b>
b.i.	Number of conventionally metered Distribution Transformers	0	0	0	7
ii	Number of DTs with communicable meters	0	0	0	0
iii	Number of unmetered DTs	0	0	0	1
iv	<b>Number of total Transformers</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>
c.i.	Number of metered feeders	13	1	35	0
ii	Number of feeders with communicable meters	0	0	0	0
iii	Number of unmetered feeders	0	0	0	0
iv	<b>Number of total feeders</b>	<b>13</b>	<b>1</b>	<b>35</b>	<b>23</b>
d.	Line length (ct km)	70.47	0.37	74.26	10.71
e.	Length of Aerial Bunched Cables	0	0	0	0
f.	Length of Underground Cables	19.35	0.37	74.26	10.71



3	Voltage levels	Particulars	MU	Reference	Remarks (Source of data)		
i	66kV and above	Long-Term Conventional	99.88	Includes input energy for franchisees	SLDC, Bill		
		Medium Conventional	0.00				
		Short Term Conventional	20.54				
		Banking	0.00				
		Long-Term Renewable energy	14.50				
		Medium and Short-Term RE	1.64				
		Captive, open access input	0.00				
		Sale of surplus power	0.00				
		Quantum of inter-state transmission loss	1.55				
		<b>Power procured from inter-state sources</b>	<b>138.11</b>				
ii	33kV	<b>Power at state transmission boundary</b>	<b>136.56</b>	As confirmed by SLDC, RLDC etc Based on data from Form 5	Calculation		
		Long-Term Conventional	NA				
		Medium Conventional	NA				
		Short Term Conventional	NA				
		Banking	NA				
		Long-Term Renewable energy	NA				
		Medium and Short-Term RE	NA				
		Captive, open access input	NA				
		Sale of surplus power	NA				
		Quantum of intra-state transmission loss	0.00				
iii	33 kV	<b>Power procured from intra-state sources</b>	<b>0.00</b>				
		<b>Input in DISCOM wires network</b>	<b>138.11</b>				
		Renewable Energy Procurement	NA				
		Small capacity conventional/ biomass/ hydro plants	NA				
		Procurement	NA				
		Captive, open access input	NA				
		Renewable Energy Procurement	NA				
		Small capacity conventional/ biomass/ hydro plants	NA				
		Procurement	NA				
		Sales Migration Input	NA				
v	11 kV	Renewable Energy Procurement	NA				
		Small capacity conventional/ biomass/ hydro plants	NA				
		Procurement	NA				
		Sales Migration Input	NA				
		Renewable Energy Procurement	NA				
		Sales Migration Input	NA				
		<b>Energy Embedded within DISCOM wires network</b>	<b>0.00</b>				
		<b>Total Energy Available/ Input</b>	<b>138.11</b>				
		vi	LT	Renewable Energy Procurement	NA		
				Sales Migration Input	NA		
Renewable Energy Procurement	NA						
Sales Migration Input	NA						
Renewable Energy Procurement	NA						
Sales Migration Input	NA						
Renewable Energy Procurement	NA						
Sales Migration Input	NA						
Renewable Energy Procurement	NA						
Sales Migration Input	NA						
vii	LT	Renewable Energy Procurement	NA				
		Sales Migration Input	NA				
		Renewable Energy Procurement	NA				
		Sales Migration Input	NA				
		Renewable Energy Procurement	NA				
		Sales Migration Input	NA				
		Renewable Energy Procurement	NA				
		Sales Migration Input	NA				
		Renewable Energy Procurement	NA				
		Sales Migration Input	NA				
viii	LT	Renewable Energy Procurement	NA				
		Sales Migration Input	NA				
		Renewable Energy Procurement	NA				
		Sales Migration Input	NA				
		Renewable Energy Procurement	NA				
		Sales Migration Input	NA				
		Renewable Energy Procurement	NA				
		Sales Migration Input	NA				
		Renewable Energy Procurement	NA				
		Sales Migration Input	NA				

4	Voltage level	Energy Sales Particulars	MU	Reference
i	LT Level	DISCOM' consumers	0.97	Include sales to consumers in franchisee areas, unmetered consumers Non DISCOM's sales Demand from embedded generation at LT level
		Demand from open access, captive		
		Embedded generation used at LT level		
		Sale at LT level		
ii	11 kV Level	Quantum of LT level losses	0.97	
		Energy input at LT level		
		DISCOM' consumers		
		Demand from open access, captive		
iii	33 kV Level	Embedded generation at 11 kV level used	53.75	Include sales to consumers in franchisee areas, unmetered consumers Non DISCOM's sales Demand from embedded generation at 11kV level
		Sales at 11 kV level		
		Quantum of Losses at 11 kV		
		Energy input at 11 kV level		
iv	> 33 kV	DISCOM' consumers	5.23	Include sales to consumers in franchisee areas, unmetered consumers Non DISCOM's sales This is DISCOM and OA demand met via energy generated at same voltage level
		Demand from open access, captive		
		Embedded generation at 33 kV or below level		
		Sales at 33 kV level		
		Quantum of Losses at 33 kV	5.23	
		Energy input at 33kV Level		
		DISCOM' consumers		
		Demand from open access, captive		
		Cross border sale of energy	72.72	Include sales to consumers in franchisee areas, unmetered consumers Non DISCOM's sales
		Sale to other DISCOMs		
		Banking		
		Energy input at > 33kV Level		
		<b>Sales at 66kV and above (EHV)</b>	<b>72.72</b>	
		<b>Total Energy Requirement</b>	<b>136.559</b>	
		<b>Total Energy Sales</b>	<b>132.6706</b>	

Loss Estimation for DISCOM	
T&D loss	5.44
D loss	3.89
T&D loss (%)	3.94%
D loss (%)	2.85%

**Details of Division Wise Losses (See note below)\*\***

Division Wise Losses  
Period from 1st Apr. 2023 - 30th Jun. 2023

S.No	Name of circle	Circle code	Name of Division	Consumer category	Consumer profile			Energy parameters (MU)				Losses			Commercial Parameter			AT & C loss (%)		
					No of connection metered (Nos)	No of connection Un-metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	% of connected load	Input energy (MU)	Metered energy	Unmetered/assessment energy	Total energy consumption	T&D loss (MU)		T&D loss (%)	Billed Amount in Rs. Crore
1				Residential	0	0	0	0%	0.00	0.00	0.00	0%	0.00	0.00	0.00	0.00	0.00	0.00	100.00%	0.00%
				Agricultural	0	0	0	0%	0.00	0.00	0.00	0%	0.00	0.00	0.00	0.00	0.00	0.00	100.00%	0.00%
				Commercial/Industrial-LT	27	0	27	30%	1.95	0.00	1.95	0%	136.56	0.79	0.00	0.79	0.62	0.62	100.00%	2.85%
				Commercial/Industrial-HT	44	0	44	49%	488.52	0.00	488.52	95%	129.08	0.00	0.00	129.08	97.07	97.07	100.00%	100.00%
				Others	19	0	19	21%	24.50	0.00	24.50	5%	2.80	2.80	0.00	2.80	2.25	2.25	100.00%	100.00%
				<b>Sub-total</b>	<b>90</b>	<b>0</b>	<b>90</b>	<b>100%</b>	<b>514.97</b>	<b>0.00</b>	<b>514.97</b>	<b>100%</b>	<b>136.55</b>	<b>132.67</b>	<b>0.00</b>	<b>132.67</b>	<b>99.94</b>	<b>99.94</b>	<b>100.00%</b>	<b>2.85%</b>
				Residential	0	0	0	0%	0.00	0.00	0.00	0%	0.00	0.00	0.00	0.00	0.00	0.00	100.00%	0.00%
				Agricultural	0	0	0	0%	0.00	0.00	0.00	0%	0.00	0.00	0.00	0.00	0.00	0.00	100.00%	0.00%
				Commercial/Industrial-LT	27	0	27	30%	1.95	0.00	1.95	0%	136.56	0.79	0.00	0.79	0.62	0.62	100.00%	2.85%
				Commercial/Industrial-HT	44	0	44	49%	488.52	0.00	488.52	95%	129.08	0.00	0.00	129.08	97.07	97.07	100.00%	100.00%
				Others	19	0	19	21%	24.50	0.00	24.50	5%	2.80	2.80	0.00	2.80	2.25	2.25	100.00%	100.00%
				<b>Total</b>	<b>90</b>	<b>0</b>	<b>90</b>	<b>100%</b>	<b>514.97</b>	<b>0.00</b>	<b>514.97</b>	<b>100%</b>	<b>136.55</b>	<b>132.67</b>	<b>0.00</b>	<b>132.67</b>	<b>99.94</b>	<b>99.94</b>	<b>100.00%</b>	<b>2.85%</b>
77				<b>AT company level</b>	<b>90</b>	<b>0</b>	<b>90</b>	<b>100%</b>	<b>514.97</b>	<b>0.00</b>	<b>514.97</b>	<b>100%</b>	<b>136.55</b>	<b>132.67</b>	<b>0.00</b>	<b>132.67</b>	<b>99.94</b>	<b>99.94</b>	<b>100.00%</b>	<b>2.85%</b>

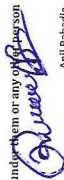
**\*\* Note - It shall be mandatory to record the energy supplied separately for each category of consumers which is being provided a separate rate of subsidy in the tariff, by the state government, so that the subsidy due for the electricity distribution company is quarterly calculated by multiplying the energy supplied to each of such category of consumers by the**

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I/We undertake that the information supplied in this Document and Pro-forma is accurate to the best of my knowledge and If any of the information supplied is found to be incorrect and such information result into loss to the Central Government or State Government or any of the authority under them or any other person affected, I/we undertake to indemnify such loss.

Authorised Signatory and Seal

Name of Authorised Signatory: **Sh. Srujaya Mital**  
 Name of the DISCOM: **APSEZ Ujjain Limited**  
 Full Address: **Zindgion, Adani House, Mundra, Kutch-370421**

Signature:   
 Name of Energy Manager: **Anil Bhabha**  
 Registration Number: **EA-17765**

Seal









**(Details of Consumers)****Summary of Energy**

Period From 1st Apr, 2023 - 30th Jun, 2023

S.No	Type of Consumers	Category of Consumers (EHT/HT/LT/Others)	Voltage Level (In kV) 220kV/132kV/ 110kV/66kV/33kV/ 22kV/20kV/11kV/6. 6kV/3kV/0.4kV/0. 23kV	No of Consumers	Total Consumption (In MU)	Remarks (Source of data)
1	Domestic	-	NA			
2	Commercial	LT	433	23	0.64	
3	IP Sets	-	NA			
4	Hor. & Nur. & Coffee/Tea & Rubber (Metered)	-	NA			
5	Hor. & Nur. & Coffee/Tea & Rubber (Flat)	-	NA			
6	Heating and Motive Power	-	NA			
7	Water Supply	LT	433	1	0.11	
8	Public Lighting	LT	433	8	0.11	
9	HT Water Supply	HT	11000	2	0.40	
10	HT Industrial	HT	66000/33000/11000	24	82.44	
11	Industrial (Small)	LT	433	2	0.06	
12	Industrial (Medium)	-	NA			
13	HT Commercial	EHV/HT	66000/33000/11000	19	46.49	
14	Applicable to Government Hospitals & Hospitals	HT	11000	1	0.15	
15	Lift Irrigation Schemes/Lift Irrigation Societies	-	NA			
16	HT Res. Apartments Applicable to all areas	HT	11000	1	1.47	
17	Mixed Load	-	NA			
18	Government offices and department	LT	433	3	0.04	
19	Others-1 (if any, specify in remarks)	HT (Temporary)	11000	4	0.74	
20	Others-2 (if any, specify in remarks)	LT (Temporary)	433	2	0.01	
21	Others-3 (if any, specify in remarks)					
22	Others-4 (if any, specify in remarks)					
23	Others-5 (if any, specify in remarks)					
			<b>Total</b>	<b>90</b>	<b>132.67</b>	

**(Details of Feeder-wise losses)**

Period From 1st Apr, 2023 - 30th Jun, 2023

S/No.	Zone	Name of the Circle	Name of the Division	Name of the Sub-division	Name of the Sub-Station	Feeder Code/ID	Feeder Name	Input Energy Received at Feeder (in MU)	Final Net Export at Feeder Level (in MU)	Feeder Consumption (in MU)	T&D losses (%)	Remarks
1	MUL	MUL	MUL	MUL	MRSS	MRSS-601 & 602	66 KV West Port. 1 & 2	10.20	10.20	10.20	0.06%	
2	MUL	MUL	MUL	MUL	MRSS	MRSS-610 & 611	66 KV MRSS - MSPVL 1 & 2	42.89	42.89	43.08	-0.43%	
3	MUL	MUL	MUL	MUL	MPSS	MPSS-605	66KV MICT (MPT end)	3.67	3.67	3.65	0.56%	
4	MUL	MUL	MUL	MUL	GLGIS	GLGIS-601 & 602	66KV GLL (GLL end)	8.41	8.41	8.47	-0.68%	
5	MUL	MUL	MUL	MUL	EMC	VGPL 1 & 2	66KV VGPL 1 & 2	1.10	1.10	1.08	2.08%	
6	MUL	MUL	MUL	MUL	MPSS	MPSS-MPT	MPT 1 & 2	5.57	5.57	5.57	0.00%	
7	MUL	MUL	MUL	MUL	SBGIS	SBGIS-MITPL	MITPL 1 & 2	1.99	1.99	1.96	1.37%	
8	MUL	MUL	MUL	MUL	MITAP	MITAP-302	33 KV Ahistrom 33 KV	4.68	4.68	4.66	0.37%	
9	MUL	MUL	MUL	MUL	MRSS	MRSS-301 & 401	11 KV MSTPL 1 & 2	7.72	7.72	7.59	1.60%	
10	MUL	MUL	MUL	MUL	MRSS	MRSS-302 & 402	11 KV MSPVL VAM1 & 2	2.05	2.05	2.04	0.70%	
11	MUL	MUL	MUL	MUL	MRSS	MRSS-403	11 KV 4 MID	0.15	0.15	0.16	-5.06%	
12	MUL	MUL	MUL	MUL	MRSS	MRSS-405 & 406	11 KV S55 - 1 & 2	1.06	1.06	1.08	-2.46%	
13	MUL	MUL	MUL	MUL	MITAP	MITAP-A3	11 KV Cover Storage	0.16	0.16	0.15	8.00%	
14	MUL	MUL	MUL	MUL	MITAP	MITAP-A08 & B10	11 KV FTWZ Honeycomb	2.17	2.17	2.15	0.84%	
15	MUL	MUL	MUL	MUL	MITAP	MITAP-A7 & B3	11 KV SKAPS-1 & 2	5.53	5.53	5.50	0.47%	
16	MUL	MUL	MUL	MUL	MITAP	MITAP-A4 & B2	11 KV Adigil- WTP	8.50	8.50	8.49	0.13%	
17	MUL	MUL	MUL	MUL	MITAP	MITAP-A9 & B4	11 KV Terram- Ahistrom	2.21	2.21	2.20	0.45%	
18	MUL	MUL	MUL	MUL	MITAP	MITAP-A1 & B6	11 KV Samundra- ashapura	1.77	1.77	1.78	-0.29%	
19	MUL	MUL	MUL	MUL	MITAP	MITAP-A2	11 KV CREDO	5.66	5.66	5.61	0.80%	
20	MUL	MUL	MUL	MUL	MITAP	MITAP-B7	11 KV MITAP SMT TR	0.09	0.09	0.09	1.83%	
21	MUL	MUL	MUL	MUL	SBGIS	SBGIS-SBA1	11KV/ EXIM YARD	0.19	0.19	0.19	-0.92%	
22	MUL	MUL	MUL	MUL	SBGIS	SBGIS-SBA3 & SBB3	11KV/ CT-3 OG-1 & 2	4.07	4.07	4.06	0.31%	
23	MUL	MUL	MUL	MUL	SBGIS	SBGIS-SBA4 & SBB2	11KV/ CT-3 EXTENSION OG-1 & 2	5.65	5.65	5.71	-1.05%	
24	MUL	MUL	MUL	MUL	SBGIS	SBGIS-SBB1 & SBA5	11KV/ CT-4 OG-1 & 2	3.78	3.78	3.80	-0.38%	
25	MUL	MUL	MUL	MUL	MITAP	MITAP-B07 & A10	11 KV Anjani - Thermax	4.26	4.26	4.23	0.73%	
26	MUL	MUL	MUL	MUL	MRSS	MRSS-KCL	11 KV - KCL	0.47	0.47	0.47	0.02%	
27	MUL	MUL	MUL	MUL	MRSS	MRSS-GPVC-3	11 KV GPVC-3	0.04	0.04	0.04	0.00%	
28	MUL	MUL	MUL	MUL	MRSS	MRSS-GPVC-4	11 KV GPVC-4	0.13	0.13	0.13	0.00%	
29	MUL	MUL	MUL	MUL	MRSS	MRSS-GPVC-1B	11 KV GPVC-1B	0.11	0.11	0.11	0.00%	

Details of DT-wise losses (please add more rows as per requirement)

Zone Name	Circle name	Division name	Name of the Sub division.	Name of the Substation	Substation Code	Name of the 11 KV Feeder	Feeder Code	Name of the Location where DT situated	DT Capacity (KVA)	Predominant consumer type of DT (Domestic/Industrial/Agriculture/Mixed)	Type of metering AMR/AMI/Communicable/Conventional meter/Unmetered.	Status of Meter-whether Functional (Yes/No)	No of Connected Consumers	Input Energy (MU) (A)	Billed Energy (MU) (B)	Loss (MU) (A-B)	%Loss (A-B)/A
MUL	MUL	MUL	66/33/11 KV MITAP SUB-STATION	66/33/11 KV MITAP SUB-STATION	2901-EHSS-MISS	MITAP 11KV FTWZ CSS OG	2901-EHSS-MISS-107	FTWZ CSS	315	Industrial	Metered	Yes	2	0.02	0.02	0.00	7.8%
MUL	MUL	MUL	66/33/11 KV MITAP SUB-STATION	66/33/11 KV MITAP SUB-STATION	2901-EHSS-MISS	MITAP 11KV FTWZ CSS OG	2901-EHSS-MISS-107	HPCLCSS	315	Industrial	Metered	Yes	1	0.00	0.00	0.00	7.9%
MUL	MUL	MUL	66/33/11 KV MITAP SUB-STATION	66/33/11 KV MITAP SUB-STATION	2901-EHSS-MISS	MITAP 11KV FTWZ CSS OG	2901-EHSS-MISS-107	LIGHT HOUSE CSS	315	Industrial	Metered	Yes	2	0.04	0.04	0.00	5.3%
MUL	MUL	MUL	66/33/11 KV MITAP SUB-STATION	66/33/11 KV MITAP SUB-STATION	2901-EHSS-MISS	MITAP 11KV FTWZ CSS OG	2901-EHSS-MISS-107	R&D YARD CSS	315	Industrial	Metered	Yes	4	0.15	0.15	0.00	1.4%
MUL	MUL	MUL	66/33/11 KV MITAP SUB-STATION	66/33/11 KV MITAP SUB-STATION	2901-EHSS-MISS	MITAP 11KV CSA OG	2901-EHSS-MISS-111	DHRUB CSS	315	Industrial	Metered	Yes	2	0.02	0.02	0.00	6.3%
MUL	MUL	MUL	66/33/11 KV MITAP SUB-STATION	66/33/11 KV MITAP SUB-STATION	2901-EHSS-MISS	MITAP 11KV ANJANI OG	2901-EHSS-MISS-118	MITAP CSS	990	Industrial	Metered	Yes	11	0.22	0.21	0.00	2.3%
MUL	MUL	MUL	66/33/11 KV MITAP SUB-STATION	66/33/11 KV MITAP SUB-STATION	2901-EHSS-MISS	MITAP 11KV HONEYCOMB OG	2901-EHSS-MISS-122	SECTOR-11 CSS	315	Industrial	Metered	Yes	8	0.14	0.14	0.01	3.9%