

Ref. No. : TPLD/BEE/273

Date: 13-Apr-2022

To,  
The Director,  
Bureau of Energy Efficiency,  
Ministry of Power, Govt. of India  
4<sup>th</sup> Floor, Sewa Bhawan,  
R. K. Puram, New Delhi - 110066 (INDIA)

Sub: Submission of periodic energy accounting report for the 2<sup>nd</sup> quarter of 2021-22 (From 1<sup>st</sup> Jul,21 to 30<sup>th</sup> Sep,21)

Ref: The Bureau of Energy Efficiency (Manner and Intervals for Conduct of Energy Audit in electricity distribution companies) Regulations, 2021 notified dated 07-Oct-2021.

Respected Sir,

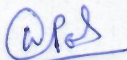
With reference to the subject matter, Torrent Power Limited (TPL), Dahej is hereby submitting this periodic energy accounting report for the 2<sup>nd</sup> Quarter (1<sup>st</sup> Jul,21 to 30<sup>th</sup> Sep,21) of Financial Year, 2021-22 in the soft copy through e-mail. We are enclosing herewith the general information, performance summary of Electricity Distribution Companies, details of input infrastructure, detail of Division wise losses, details of Input energy (Details of Input energy & Infrastructure) and details of consumer summary of energy.

Here, we would like to draw your attention that we are operating network in Ring main system, hence unable to provide the feeder wise losses details. However, overall Distribution loss is submitted.

This is in complies to the regulatory requirement please.

Thanking You.

Yours Faithfully,



(C.V. Patel)

Assistant General Manager

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**TORRENT POWER LIMITED**

CIN : L31200GJ2004PLC044068

Torrent House, Station Road, Surat - 395 003. Gujarat. India. Phone : +91 261 2400240, 98240 09930 Email : connect.srt@torrentpower.com  
Reg. Office : "Samanvay", 600 Tapovan, Ambawadi, Ahmedabad - 380015 India. Phone : 079 - 26628000 www.torrentpower.com

## General Information

<b>1</b>	Name of the DISCOM	Torrent Power Limited-Dahej		
<b>2</b>	i) Year of Establishment			
	ii) Government/Public/Private	Private		
<b>3</b>	<b>DISCOM's Contact details &amp; Address</b>			
<b>i</b>	City/Town/Village	Dahej		
<b>ii</b>	District	Dahej		
<b>iii</b>	State	Gujarat	Pin	392130
<b>iv</b>	Telephone	9824009930	Fax	-
<b>4</b>	<b>Registered Office</b>			
<b>i</b>	Company's Chief Executive Name	Sh. Varun Mehta		
<b>ii</b>	Designation	Executive Director		
<b>iii</b>	Address	Torrent Power Ltd. "Samanvay" 600, Tapovan, Ambawadi		
<b>iv</b>	City/Town/Village	Ahmedabad	P.O.	
<b>v</b>	District	Ahmedabad		
<b>vi</b>	State	Gujarat	Pin	380013
<b>vii</b>	Telephone	079-22551912	Fax	-
<b>5</b>	<b>Nodal Officer Details*</b>			
<b>i</b>	Nodal Officer Name (Designated at DISCOM's)	Sh. Chandubhai Patel		
<b>ii</b>	Designation	Asst. Geneal Manager		
<b>iii</b>	Address	Torrent House, Station Road, Surat		
<b>iv</b>	City/Town/Village	Surat	P.O.	Mahidharpura post office, Surat
<b>v</b>	District	Surat		
<b>vi</b>	State	Gujarat	Pin	395003
<b>vii</b>	Telephone	0261-2400240	Fax	-
<b>6</b>	<b>Energy Manager Details*</b>			
<b>i</b>	Name	Sh. Dhansukh Gelani		
<b>ii</b>	Designation	Asst. Geneal Manager	Whether EA or EM	EA
<b>iii</b>	EA/EM Registration No.	EA-2890		
<b>iv</b>	Telephone		Fax	-
<b>v</b>	Mobile	+91-9824174226	dhansukhgelani@torrentpower.com	
<b>7</b>	<b>Period of Information</b>			
	Year of (FY) information including Date and Month (Start & End)	1st Jul, 2021 to 30th Sep, 2021		

**Performance Summary of Electricity Distribution Companies**

<b>1</b>	Period of Information Year of (FY) information including Date and Month (Start & End)	1st Jul, 2021 to 30th Sep, 2021	
<b>2</b>	<b>Technical Details</b>		
<b>(a)</b>	<b>Energy Input Details</b>		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	0.00
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	165.69
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	164.91
<b>(b)</b>	Transmission and Distribution (T&D) loss Details	Million kwh	0.78
		%	0.47%
	Collection Efficiency	%	99.91%
<b>(c)</b>	Aggregate Technical & Commercial Loss	%	0.56%

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

*Handwritten initials*

Signature:-

*Handwritten signature*

Name of Energy Manager: Sh. Dhansukh Gelani

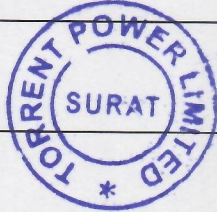
Name of Authorised Signatory: Sh. Chandubhai Patel

Registration Number: EA-2890

Name of the DISCOM: Torrent Power Limited-Dahej

Full Address:- Torrent House, Station Road, Surat

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	NA			
ii	Number of divisions	NA			
iii	Number of sub- divisions	NA			
iv	Number of feeders	23			
v	Number of DTs	8			
vi	Number of consumers	116			
<b>2</b>	<b>Parameters</b>	<b>66kV and above</b>	<b>33kV</b>	<b>11/22kV</b>	<b>LT</b>
a.i.	Number of conventional metered consumers				
ii	Number of consumers with "Smart" meters				
iii	Number of consumers with 'smart prepaid' meters				
iv	Number of consumers with 'AMR' meters	1	8	54	53
v	Number of consumers with 'non-smart prepaid' meters				
vi	Number of unmetered consumers				
vii	<b>Number of total consumers</b>	<b>1</b>	<b>8</b>	<b>54</b>	<b>53</b>
b.i.	Number of conventionally metered Distribution Transformers			0	
ii	Number of DTs with communicable meters			8	
iii	Number of unmetered DTs			0	
iv	<b>Number of total Transformers</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>
c.i.	Number of metered feeders			23	0
ii	Number of feeders with communicable meters			0	0
iii	Number of unmetered feeders			0	0
iv	<b>Number of total feeders</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>0</b>
d.	Line length (ct km)			0	HT+LT
e.	Length of Aerial Bunched Cables			0	HT+LT
f.	Length of Underground Cables			110	HT+LT
<b>3</b>	<b>Voltage level</b>	<b>Input Energy Particulars</b>	<b>MU</b>	<b>Reference</b>	<b>Remarks (Source of data)</b>
i	66kV and above	Long-Term Conventional	0.00	Includes input energy for franchisees	
		Medium Conventional	98.96		Bilateral Purchase
		Short Term Conventional	55.07		IEX/PXIL & UI - SLDC
		Banking	0.00		
		Long-Term Renewable energy	11.65		Wind: TPL Wind, Solar:Gensu/Others
		Medium and Short-Term RE	0.00	Includes power from bilateral/PX/ DEEP	
		Captive, open access input	0.00	Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee	
		Sale of surplus power	0.00		
		Quantum of inter-state transmission loss	0.00	As confirmed by SLDC, RLDC etc	Intra State Transmission Losses GETCO Transmission Loss
		Power procured from inter-state sources	165.69	Based on data from Form 5	
Power at state transmission boundary	165.69				
ii	33kV	Long-Term Conventional	0		
		Medium Conventional	0		
		Short Term Conventional	0		
		Banking	0		
		Long-Term Renewable energy	0		
		Medium and Short-Term	0		
		Captive, open access input	0		
		Sale of surplus power	0.00%		
		Quantum of intra-state transmission loss	0		
		Power procured from intra-state sources	0		
iii		Input in DISCOM wires network	165.69		
iv	33 kV	Renewable energy	0		
		Small capacity conventional/ biomass/ hydro plants Procurement	0		
		Captive, open access input	0		
v	11 kV	Renewable Energy Procurement	0.00		Rooftop solar/SMC Solar-Invoices (Within Surat City)
		Small capacity conventional/ biomass/ hydro plants Procurement	0		
		Sales Migration Input	0		
vi	LT	Renewable Energy Procurement	0		
		Sales Migration Input	0		
		Energy Embedded within DISCOM wires network	0.00		
viii		<b>Total Energy Available/ Input</b>	<b>165.69</b>		

4	Voltage level	Energy Sales Particulars	MU	Reference	Remarks (Source of data)
i	LT level	DISCOM' consumers	0.37	Include sales to consumers in franchisee areas, unmetered consumers	
		Demand from open access, captive		Non DISCOM's sales	
		Embedded generation used at LT level		Demand from embedded generation at LT level	
		Sale at LT Level	0.37		
		Quantum of LT level losses			
		Energy Input at LT level			
ii	11 kV level	DISCOM' consumers	83.88	Include franchisee sales, unmetered consumers	
		Demand from open access, captive		Non DISCOM's sales	
		Embedded generation at 11 kV level used		Demand from embedded generation at 11 kV level	
		Sale at 11 kV Level	83.88		
		Quantum of Losses at 11 kV			
		Energy Input at 11 kV level			
iii	33 kV level	DISCOM' consumers	22.34	Include sales to franchisee areas, unmetered consumers	
		Demand from open access, captive		Non DISCOM's sales	
		Embedded generation at 33 kV or below level		This is DISCOM and OA demand met via energy generated at same voltage level	
		Sale at 33 kV Level	22.34		
		Quantum of Losses at 33 kV	0		
		Energy input at 33kV Level	0		
iv	> 33 kV	DISCOM' consumers	58.33	Include franchisee sales, unmetered consumers	
		Demand from open access, captive		Non DISCOM's sales	
		Cross border sale of energy	0		
		Sale to other DISCOMs	0		
		Banking	0		
		Energy input at 33kV> Level	0		
		Sales at 66kV and above (EHV)	58.33		
<b>Total Energy Requirement</b>			<b>165.69</b>		Energy requirement at DISCOM Periphery
<b>Total Energy Sales</b>			<b>164.91</b>		

**Energy Accounting Summary**

5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	165.69	0.37	0.78	0.47%
ii	11 Kv		83.88		
iii	33 kv		22.34		
iv	> 33 kv		58.33		
6	Open Access, Captive	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT				
ii	11 Kv				
iii	33 kv				
iv	> 33 kv				

Loss Estimation for DISCOM	
T&D loss	0.78
D loss	0.78
T&D loss (%)	0.47%
D loss (%)	0.47%

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


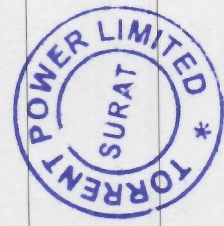
Period from 1st Jul, 21 to 30th Sep, 21

S.N	Name of circle	Circle code	Name of Division	Consumer profile					Energy parameters				Losses			Commercial Parameter			AT & C loss (%)	
				No of connection metered (Nos)	Total Number of connections (Nos)	% of number of connections	Connected Load metered (MW)	Connected Load Un-metered (MW)	Total Connected Load (MW)	Input energy (MU)	Metered energy	Unmetered/a assessment energy	Total energy	% of energy consumption	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore		Collection Efficiency
			Residential	0	0	0%	0	0	0	0%	0	0.00	0	0	0%					
			Agricultural	0	0	0%	0	0	0	0%	0	0.00	0	0	0%					
			Commercial / Industrial-LT	34	34	29%	1	0	1	1%	165.69	0.30	0.00	0	0%	0.78	0.47%	72.73	72.67	99.91%
			Commercial / Industrial-HT	63	63	54.31%	111	0	111	99%	165	0	165	0	100%					
			Others	19	19	16%	0	0	0	0%	0.06	0	0	0	0%					
			<b>Sub-total</b>	<b>116</b>	<b>116</b>	<b>100%</b>	<b>112</b>	<b>0</b>	<b>112</b>	<b>100%</b>	<b>165.69</b>	<b>164.91</b>	<b>0.00</b>	<b>164.91</b>	<b>100%</b>	<b>0.78</b>	<b>0.47%</b>	<b>72.73</b>	<b>72.67</b>	<b>99.91%</b>
			Residential	0	0	0.00%	0	0	0	0.00%	0.00	0.00	0.00	0	0.00%			73	72.67	99.91%
			Agricultural	0	0	0.00%	0	0	0	0.00%	0.00	0.00	0.00	0	0.00%			0	0.00	0.00%
			Commercial / Industrial-LT	34	34	29.31%	1	0	1	0.88%	165.69	0.30	0.00	0	0.18%	0.78	0.47%	0	0.00	0.00%
			Commercial / Industrial-HT	63	63	54.31%	111	0	111	98.92%	164.54	0.00	0.00	165	99.78%			0	0.00	0.00%
			Others	19	19	16.38%	0.22	0	0.22	0.20%	0.06	0	0	0.06	0.04%			0.00	0.00	0.00%
			<b>77 At company level</b>	<b>116</b>	<b>116</b>	<b>100%</b>	<b>111.88</b>	<b>0</b>	<b>111.88</b>	<b>100%</b>	<b>165.69</b>	<b>164.91</b>	<b>0.00</b>	<b>164.91</b>	<b>100%</b>	<b>0.78</b>	<b>0.47%</b>	<b>72.73</b>	<b>72.67</b>	<b>99.91%</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 applicable rate of subsidy notified by the state government.

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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		Signature:	
Name of the DISCOM	Torrent Power Limited-Dahej	Name of Energy Manager:	Sh. Dhansukh Gelani
Full Address:-	Torrent House, Station Road, Surat	Registration Number:	EA-2890
Seal			

## Form-Input energy(Details of Input energy & Infrastructure)

### A. Summary of energy input & Infrastructure

S.No	Parameters	Period from 1st Jul, 21 to 30th Sep, 21	Remarks (Source of data)
A.1	Input Energy purchased (MU)	0.00	
A.2	Transmission loss (%)	#DIV/0!	
A.3	Transmission loss (MU)	0.00	
A.4	Energy sold outside the periphery(MU)	0	
A.5	Open access sale (MU)	0	
A.6	EHT sale	0	
A.7	Net input energy (received at DISCOM periphery or at distribution point)-(MU)	165.69	
A.8	Is 100% metering available at 66/33 kV (Select yes or no from list)	Yes	
A.9	Is 100% metering available at 11 kV (Select yes or no from list)	Yes	
A.10	% of metering available at DT	100%	
A.11	% of metering available at consumer end	100%	
A.12	No of feeders at 66kV voltage level	0	
A.13	No of feeders at 33kV voltage level	0	
A.14	No of feeders at 11kV voltage level	23	
A.15	No of LT feeders level	0	
A.16	Line length (ckt. km) at 66kV voltage level	0	
A.17	Line length (ckt. km) at 33kV voltage level	0	
A.18	Line length (ckt. km) at 11kV voltage level	76	Underground Cable
A.19	Line length (km) at LT level	0	
A.20	Length of Aerial Bunched Cables	0	
A.21	Length of Underground Cables	34	LT Underground Cable
A.22	HT/LT ratio	2.22	





**(Details of Consumers)****Summary of Energy Sold****Period from 1st Jul, 21 to 30th Sep, 21**

S.No	Type of Consumers	Category of Consumers (EHT/HT/LT/Others)	Voltage Level (In Voltage)	No. of Consumers	Total Consumption (In MU)	Remarks (Source of data)
i	Domestic					
2	Commercial	LT	440	19	0.05	
3	IP Sets					
4	Hor. & Nur. & Coffee/Tea & Rubber (Metered)					
5	Hor. & Nur. & Coffee/Tea & Rubber (Flat)					
6	Heating and Motive Power					
7	Water Supply	LT	440	2	0.04	
8	Public Lighting	LT	440	17	0.02	
9	HT Water Supply	HT	11000	1	0.32	
10	HT Industrial	EHT/HT	220000/33000/11000	62	164.23	
11	Industrial (Small)	LT	440	15	0.25	
12	Industrial (Medium)					
13	HT Commercial					
14	Applicable to Government Hospitals & Hospitals					
15	Lift Irrigation Schemes/Lift Irrigation Societies					
16	HT Res. Apartments Applicable to all areas					
17	Mixed Load					
18	Government offices and department					
19	Others-1 (if any , specify in remarks)					
20	Others-2 (if any , specify in remarks)					
21	Others-3 (if any , specify in remarks)					
22	Others-4 (if any , specify in remarks)					
23	Others-5 (if any , specify in remarks)					
24						
42						
			<b>Total</b>	<b>116</b>	<b>164.91</b>	