



THE ADMINISTRATION OF UNION TERRITORY OF LADAKH
Office of the Superintending Engineer Distribution Circle, Leh
E-mail ID: seppladakh@gmail.com Tele/fax 01982-264231

The Secretary,
Bureau of Energy Efficiency,
4th Floor, Sewa Bhawan,
R.K. Puram
New Delhi – 110066.

NO :- SEDCL/T-265/2273-75

Dated :- 11.11.2023


Sub- Submission of Energy Account report for the period from April to June 2023 for Ladakh PDD.

Sir,

Please find attached Energy Account for Ladakh Power Department for 2nd quarter (July to Sep 2023) of FY - 2023-24.

Submitted for further necessary action please.

Yours sincerely


Superintending of Engineer
LPDD, Leh

Copy for information to:

- 1) Chief Engineer, LPDD Ladakh
- 2) Assistant Executive Engineer, IT/Billing, Leh

General Information

1	Name of the DISCOM	Power Development Department, Ladakh		
2	i) Year of Establishment	2019		
	ii) Government/Public/Private	Government		
3	DISCOM's Contact details & Address			
i	City/Town/Village	CHOGLAMSAR		
ii	District	LEH		
iii	State	UT LADAKH	Pin	194101
iv	Telephone	8491087034	Fax	
4	Registered Office			
i	Company's Chief Executive Name	Shri TSEWANG PALJOR		
ii	Designation	CHIEF ENGINEER		
iii	Address	CHOGLAMSAR		
iv	City/Town/Village	CHOGLAMSAR	P.O.	CHOGLAMSAR
v	District	LEH		
vi	State	UT LADAKH	Pin	194101
vii	Telephone	9419179868	Fax	
5	Nodal Officer Details*			
i	Nodal Officer Name (Designated at DISCOM's)	Shri TUNDUP SPALZANG		
ii	Designation	SUPERINTENDING ENGINEER		
iii	Address	CHOGLAMSAR		
iv	City/Town/Village	CHOGLAMSAR	P.O.	
v	District	LEH		
vi	State	UT LADAKH	Pin	194101
vii	Telephone	9596949606	Fax	
6	Energy Manager Details*			
i	Name	Shri TUNDUP SPALZANG		
ii	Designation	SUPERINTENDING	Whether EA or EM	EM
iii	EA/EM Registration No.			
iv	Telephone	9596949606	Fax	
v	Mobile	9596949606	E-mail ID	sepddladakh@gmail.com
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	1st July, 2023 - 30th September, 2023		

Performance Summary of Electricity Distribution Companies			
1	Period of Information Year of (FY) information including Date and Month (Start & End)	1st July, 2023 - 30th September, 2023	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	56.72
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	52.48
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	44.93
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	7.55
		%	14.39%
	Collection Efficiency	%	85.87%
(c)	Aggregate Technical & Commercial Loss	%	26.48%

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

Name of the DISCOM: LADAKH POWER DEVELOPMENT DEPARTMENT

Full Address:- CHOGLAMSAR LEH UT-LADAKH


Superintending Engineer
Distribution Circle PDD
Leh (Ladakh)

Signature:-

Name of AEA*:

Registration Number:

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			
ii	Number of divisions	2			
iii	Number of sub-divisions	4			
iv	Number of feeders	77			
v	Number of DTs	1754			
vi	Number of consumers	66313			
2	Parameters	66kV and above	33kV	11/22kV	LT
a. i.	Number of conventional metered consumers	1	0	132	66180
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	0	0	0	0
v	Number of consumers with 'non-smart prepaid' meters	0	0	0	0
vi	Number of unmetered consumers	0	0	0	0
vii	Number of total consumers	1	0	132	66180
b.i.	Number of conventionally metered Distribution Transformers	0	0	0	0
ii	Number of DTs with communicable meters	0	0	0	0
iii	Number of unmetered DTs	0	0		
iv	Number of total Transformers				1754
c.i.	Number of metered feeders	14	0	67	0
ii	Number of feeders with communicable meters	0	0	10	0
iii	Number of unmetered feeders	0	0	0	0
iv	Number of total feeders	14	0	77	0
d.	Line length (ct km)		2400CKM		
e.	Length of Aerial Bunched Cables		164CKM		
f.	Length of Underground Cables		0.5CKM		

3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above	Long-Term Conventional	57	Includes input energy for franchisees	
		Medium Conventional			
		Short Term Conventional			
		Banking			
		Long-Term Renewable energy			
		Medium and Short-Term RE		Includes power from bilateral/ PX/ DEEP	
		Captive, open access input		Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.	
		Sale of surplus power			
		Quantum of inter-state transmission loss	4	As confirmed by SLDC, RLDC etc	
		Power procured from inter-state sources	57	Based on data from Form 5	
		Power at state transmission boundary	52		
ii	33kV	Long-Term Conventional			
		Medium Conventional			
		Short Term Conventional			
		Banking			
		Long-Term Renewable energy			
		Medium and Short-Term RE			
		Captive, open access input			
		Sale of surplus power			
		Quantum of intra-state transmission loss	0		
		Power procured from intra-state sources	0		
iii		Input in DISCOM wires network	52		
iv	33 kV	Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement			
		Captive, open access input			
v	11 kV	Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement	0		
vi	LT	Sales Migration Input			
		Renewable Energy Procurement			
vii		Sales Migration Input			
		Energy Embedded within DISCOM wires network	0		
viii		Total Energy Available/ Input	52		
4	Voltage level	Energy Sales Particulars	MU	Reference	
i	LT Level	DISCOM' consumers	45	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	45		
		Quantum of LT level losses	8		
		Energy input at LT level	52		

ii	11 kV Level	DISCOM' consumers		include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive		Non DISCOM's sales
		Embedded generation at 11 kV level used		Demand from embedded generation at 11kV level
		Sales at 11 kV level	0	
		Quantum of Losses at 11 kV	0	
iii	33 kV Level	DISCOM' consumers		Include sales to consumers in 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
		Sales at 33 kV level	0	
		Quantum of Losses at 33 kV	0	
iv	> 33 kV	DISCOM' consumers		include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive		Non DISCOM's sales
		Cross border sale of energy		
		Sale to other DISCOMs		
		Banking		
		Energy input at > 33kV Level	0	
		Sales at 66kV and above (EHV)	0	
Total Energy Requirement			52	
Total Energy Sales			45	

Energy Accounting Summary

5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT				
ii	11 Kv	52.48	44.93	7.55	14.38643293
iii	33 kv				
iv	> 33 kv				
6	Open Access, Captive	Input (in MU)	Sale (in MU)	Loss (in MU)	
i	LT				
ii	11 Kv				
iii	33 kv				
iv	> 33 kv				

Loss Estimation for DISCOM

T&D loss	8
D loss	3
T&D loss (%)	0.143864329
D loss (%)	0.063071646

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

Division Wise Losses

Period From 1st July, 2023 To 30th September, 2023

S.No	Name of circle	Circle code	Name of Division	Consumer profile																	Energy parameters				Losses		Commercial Parameter			AT & C loss (%)
				Consumer category	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	Billed energy (MU)				% of energy consumption	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency								
													Input energy (MU)	Metered energy	Unmetered/a sessment energy	Total energy														
1	LADAKH		LEH	Residential	28407	1705	30112	79%	28.18	1.51	29.696925	43%	31.83	5.34	0.321	5.661	20%	3.48	11%	2.14	1.67	78.04%								
				Agricultural	20	1	21	0%	0.10	0.00	0.106	0%											0.022	0.001	0.023	0%	0.003	0	0.00%	
				Commercial/Industrial-LT	18	0	18	0%	1.14	0.00	1.136	2%											13.11	0	13.11	46%	5.983	5.78	96.61%	
				Commercial/Industrial-HT	6868	553	7421	19%	18.20	1.11	19.3104	28%											0.2	0.016	0.216	1%	0.144	0.1067	74.10%	
				Others	389	131	520	1%	15.44	3.39	18.8321	27%											6.99	2.35	9.34	33%	7.016	5.149	73.39%	
Sub-total				35702	2390	38092	100%	63.064735	6.0168	69.081535	100%	31.83	25.662	2.688	28.35	100%	3.48	11%	15.286	12.7057	83.12%	26%								
2	LADAKH		KARGIL	Residential	24719	348	25067	89%	44.3943	0.36025	44.75455	71%	20.65	8.48	0.12	8.6	52%	4.07	20%	2.459	2.579	104.88%								
				Agricultural	3	3	6	0%	0.44	0.273	0.713	1%											0.96	0.96	1.92	12%	0.239	0	0.00%	
				Commercial/Industrial-LT	2377	272	2649	9%	7.01379	1.02605	8.03984	13%											2.73	0.31	3.04	18%	1.767	1.98	112.05%	
				Commercial/Industrial-HT	4	0	4	0%	0.6745	0	0.6745	1%											0.25	0	0.25	2%	0.142	0.04	28.17%	
				Others	489	6	495	2%	8.714	0.228	8.942	14%											2.47	0.3	2.77	17%	2.081	1.565	75.20%	
Sub-total				27592	629	28221	100%	61.23659	1.8873	63.12389	100%	20.65	14.89	1.69	16.58	100%	4.07	20%	6.688	6.164	92.17%	26%								
3				Residential	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	0	0%	0	0	0.00%								
				Agricultural	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Others	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%								
4				Residential	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	0	0%	0	0	0.00%								
				Agricultural	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Others	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%								
5				Residential	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	0	0%	0	0	0.00%								
				Agricultural	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Others	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%								
6				Residential	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	0	0%	0	0	0.00%								
				Agricultural	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Others	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%								
7				Residential	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	0	0%	0	0	0.00%								
				Agricultural	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Others	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%								
8				Residential	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	0	0%	0	0	0.00%								
				Agricultural	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Others	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%								
9				Residential	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	0	0%	0	0	0.00%								
				Agricultural	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Others	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%								
10				Residential	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	0	0%	0	0	0.00%								
				Agricultural	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Others	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%								
11				Residential	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	0	0%	0	0	0.00%								
				Agricultural	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-LT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Commercial/Industrial-HT	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
				Others	0	0	0	0%	0	0	0	0%											0	0	0	0%	0	0	0.00%	
Sub-total				0	0	0	100%	0	0	0	100%	0	0	0	0	100%	0	0%	0	0	0.00%	100%								

* 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 the consumers by the applicable rate of subsidy notified by the state government.

Circle code	Parameter
	Please enter name of circle
	Please enter circle code
0	Please enter numeric value or 0
	Formula protected

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.

Signature:-
Name of Energy Manager:
Registration Number:


Authorised Signatory and Seal

Name of Authorised Signatory:

Name of the DISCOM:

Full Address:-

Seal


Superintending Engineer
Distribution Circle PDD
Leh (Ladakh)