

ASPEN/BEE/03/2023-24

Date: 14/07/2023

To,
The Project Engineer
Bureau of Energy Efficiency (Ministry of Power, Government of India)
4th Floor, Sewa Bhawan
R.K. Puram, Sector-1
New Delhi-110066

Respected Sir/ Madam,

Subject: **Energy Accounting Report (April to June 2023) from ASPEN DCRN.**
DIS0047GJ

Dear Sir/ Madam,

With respect to above referred letter and subject matter, please find hard copies of following documents:

Q-1 (April-June.2023) Energy Accounting report

Please acknowledge the same.
Yours faithfully,

Authorized Signatory




For AspenPark Infra Vadodara Private Limited
(Mr. Apurva Shah)

Enclosures: As referred above

AspenPark Infra Vadodara Pvt. Ltd.

(Formerly known as Martillo Wind Energy Pvt Ltd.)

Survey No. 33, (Old Survey No.26) Village-Pipaliya & Alwa, Tal-Waghodia, Dist. Vadodara - 391760, Gujarat. India.

Tel.: +91 2668 245301/245302, Fax : +91-2668 245303

Registered Office : Survey No.33 (Old Survey No.26) Village-Pipaliya, Tal-Waghodia, Dist. Vadodara-391760, Gujarat India.

CIN : U45100GJ2017PTC097437 www.aspensez.in

General Information

General Information			
1	Name of the DISCOM	AspenPark Infra Vadodara Private Limited	
2	i) Year of Establishment	2008	
	ii) Government/Public/Private	Private	
3	DISCOM's Contact details & Address		
i	City/Town/Village	Pipalya, Waghodiya	
ii	District	Vadodara	
iii	State	Gujarat	Pin 391760
iv	Telephone	02668-245301/02/03	Fax NA
4	Registered Office		
i	Company's Chief Executive Name	Mr.Deep Bhatt	
ii	Designation	Director	
iii	Address	Survey No.26, Village:Pipaliya, Ta.Waghodia	
iv	City/Town/Village	Vadodara	P.O. 391760
v	District	Vadodara	
vi	State	Gujarat	Pin 391760
vii	Telephone	02668-245301/02/03	Fax NA
5	Nodal Officer Details*		
i	Nodal Officer Name (Designated at DISCOM's)	Mr.Apurva Shah	
ii	Designation	Head - SEZ	
iii	Address	AspenPark Infra Vadodara Private Limited	
iv	City/Town/Village	Pipalya, Waghodiya	P.O. NA
v	District	Vadodara	
vi	State	Gujarat	Pin 391760
vii	Telephone	8155889990	Fax NA
6	Energy Manager Details*		
i	Name	Jalpesh Panchal	
ii	Designation	Senior Manager-Technical	Whether EA or EM NA
iii	EA/EM Registration No.	NA	
iv	Telephone	02668-245301/02/03	Fax NA
v	Mobile	9714877447	E-mail ID jalpesh@aspensez.in
7	Period of Information		
	Year of (FY) information including Date and Month (Start & End)	1st April-2023 to 30th June-2023	



Performance Summary of Electricity Distribution Companies


1	Period of Information Year of (FY) information including Date and Month (Start & End)	1st April-2023 to 30th June-2023	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	1.84
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	1.84
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	1.80
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	0.05
	Collection Efficiency	%	2.53%
		%	100%
(c)	Aggregate Technical & Commercial Loss	%	3%

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 Mr. Apurv Shah
Name of the DISCOM:
Full Address:-

Signature:- 
Name of Energy Manager*: Jitpesh Panchal
Registration Number: NSA



AspenPark Infra Vadodara Pvt. Ltd.
Survey No-26, Village Pipaliya,
Tal-Waghodia, Vadodara - 391760.
Gujarat, India

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	0	0	0	0 NA		
ii	Number of divisions	0	0	0	0 NA		
iii	Number of sub-divisions	0	0	0	0 NA		
iv	Number of feeders	4	4	4	4 Feeder logbook data		
v	Number of DTs	5	5	5	5		
vi	Number of consumers	6	6	6	6		
2	Parameters	66kV and above	33kV	11/22kV	LT		
a.i.	Number of conventional metered consumers	0	2	3	1		
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	0	2	3	1		
b.i.	Number of conventionally metered Distribution Transformers	0	4	1	0		
ii	Number of DTs with communicable meters	0	0	0	0		
iii	Number of unmetered DTs	0	0	0	0		
iv	Number of total Transformers	0	4	1	0		
c.i.	Number of metered feeders	0	4	0	0		
ii	Number of feeders with communicable meters	0	0	0	0		
iii	Number of unmetered feeders	0	0	0	0		
iv	Number of total feeders	0	4	0	0		
d.	Line length (ct km)			0.703			
e.	Length of Aerial Bunched Cables			0			
f.	Length of Underground Cables			2			
3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)		
i	66kV and above	Long-Term Conventional	2		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			As confirmed by SIDC, RLDC etc		
		Power procured from inter-state sources	2		Based on data from Form 5		
ii	33kV	Power at state transmission boundary	2				
		Long-Term Conventional	0				
		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				
iii	33 kV	Power procured from intra-state sources	0				
		Input in DISCOM wires network	1.842				
		Renewable Energy Procurement					
		Small capacity conventional/ biomass/ hydro plants Procurement					
		Captive, open access input					
		Renewable Energy Procurement					
		Small capacity conventional/ biomass/ hydro plants Procurement					
		Sales Migration Input					
		Renewable Energy Procurement					
		Sales Migration Input					
iv	11 kV	Energy Embedded within DISCOM wires network	0				
		Total Energy Available/ Input	1.842				
		Voltage level	Energy Sales Particulars	MU	Reference		
		i	LT Level	DISCOM' consumers	0		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		
				Quantum of LT level losses	0		
				Energy input at LT level	0.003		
				ii	11 kV Level	DISCOM' consumers	1
Demand from open access, captive	0						Non DISCOM's sales
Embedded generation at 11 kV level used	0						Demand from embedded generation at 11kV level
Sales at 11 kV level	0.755						
Quantum of Losses at 11 kV	0						
Energy input at 11 kV level	0.769						
iii	33 kV Level	DISCOM' consumers	1				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	1.037				
		Quantum of Losses at 33 kV	0				
		Energy input at 33kV Level	1.070				
		iv	> 33 kV	DISCOM' consumers	0		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	0.000						
Sales at 66kV and above (EHV)	0.000						
Total Energy Requirement	1.842						
Total Energy Sales	1.795						
Energy Accounting Summary							
5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %		
i	LT	0.001808	0.001808	0	0		
ii	11 kV	0.626476	0.609298	0.016496	2.633141573		
iii	33 kV	0.9341563	0.906992	0.0271643	2.907896676		
iv	> 33 kV	0	0	0	0		
6	Open Access, Captive	Input (in MU)	Sale (in MU)	Loss (in MU)	Not Applicable		
i	LT						
ii	11 kV						
iii	33 kV						
iv	> 33 kV						

Loss Estimation for DISCOM	
T&D loss	0
D loss	0
T&D loss (%)	0.025348941
D loss (%)	0.025348941

Apex



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

Division Wise Losses

Period From: 1st April 2023 To 30th June 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	Input energy (MU)	Metered energy	Unmetered/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	
1	AVPL	NA	NA	Residential	0	0	0	0%	0	0	0	0	0	0	0%	0	0	0	0	0	0.00%	0	0	0.00%
				Agricultural	0	0	0	0%	0	0	0	0	0	0	0%	0	0	0	0	0	0.00%	0	0	0.00%
				Commercial/Industrial-LT	1	0	1	17%	0.0185	0	0.0185	0	0.0185	0	0%	1.84188	0.00349	0	0.00349	0	0%	0.0036858	0.0036858	100.00%
				Commercial/Industrial-HT	5	0	5	85%	13.925	0	13.925	0	13.925	0	100%	1.7917	1.7917	0	1.7917	0	100%	1.84750304	1.84750304	100.00%
				Others	0	0	0	0%	0	0	0	0	0	0%	1.84188	1.79519	0	1.79519	0	0%	0	0	0.00%	
				Sub-total	6	0	6	100%	13.9435	0	13.9435	0	13.9435	0	100%	1.84188	1.79519	0	1.79519	0	100%	1.85118884	1.85118884	100.00%
																								2.53%

Signature



Form input energy (Detail of input energy & infrastructure)

A. Summary of energy load & infrastructure		Period 1st April 2023 to 30th June 2023	Remarks (nature of data)
A.1	Input energy (kWh) of CBM	1,341,538	MSVCCL B14
A.2	Transmission loss (%)	0%	Normal state / after state / transmission losses
A.3	Transmission loss (MWh)	0	
A.4	Energy used outside the company (MWh)	0	
A.5	Open air loss (MWh)	0	
A.6	Net input energy (renewable) DISCOM suppliers at distribution point (MWh)	1,341,538	Value of net input energy outside the company
A.7	1% 100% metering installed at 66/33 KV (Select 'yes' or 'no' from list)	100%	Purchase and issue of cables
A.8	1% 100% metering installed at 33/11 KV (Select 'yes' or 'no' from list)	100%	
A.9	% of metering installed at 11 KV (Select 'yes' or 'no' from list)	100%	
A.10	% of metering installed at 33 KV (Select 'yes' or 'no' from list)	100%	
A.11	No. of feeders at 66KV voltage level	0	
A.12	No. of feeders at 33KV voltage level	0	
A.13	No. of feeders at 11KV voltage level	0	
A.14	Line length (km) at 66KV voltage level	0	3508 KV (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z)
A.15	Line length (km) at 33KV voltage level	0	
A.16	Line length (km) at 11KV voltage level	0	
A.17	Line length (km) at 66KV voltage level	0	
A.18	Line length (km) at 33KV voltage level	0	
A.19	Line length (km) at 11KV voltage level	0	
A.20	Length of overhead conductors	0	Approximate length of overhead cable
A.21	Length of overhead cables	0	Approximate length of overhead cable
A.22	Length of buried cables	0	
A.23	Length of buried cables	0	

B. Meter reading of input energy at inspection points

S.No	Zone	Circle	Sub-Station (PVA)	Division (MVA)	Sub-Station (MVA)	Feeder ID	Feeder Name	Feeder Metering Status (Functional/Non-Functional)	State of Meter (Operational/Non-Operational)	Date of last actual meter reading	State of Meter (Operational/Non-Operational)	% Data received (Meter/AMR/AMI)	Status of Communication		Period from 1st April 2023 to 30th June 2023	Remarks (nature of data)
													Number of hours metering was available for communication	Total number of hours metering was available for communication		
B.1	NA	NA	NA	NA	NA	NA	NA	Operational	NA	NA	Operational	100%	NA	NA	0.00	MSVCCL B14
B.2	NA	NA	NA	NA	NA	NA	NA	Operational	NA	NA	Operational	100%	NA	NA	0.00	MSVCCL B14
B.3	NA	NA	NA	NA	NA	NA	NA	Operational	NA	NA	Operational	100%	NA	NA	0.00	MSVCCL B14



