

Performance Summary of Electricity Distribution Companies

1	Period of Information	1st Apr, 2020 - 31st March, 2021	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	38145.91
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	37032.95
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	30164.32
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	6868.64
		%	18.55%
	Collection Efficiency	%	91%
(c)	Aggregate Technical & Commercial Loss	%	26%

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: **Chief Engineer/ EA & Enf. PTA**

Name of the DISCOM:

Full Address:-

Chief Engineer/ EA & Enf. PTA

Seal

Signature:

Name of Energy Manager*:

Registration Number:

(Ravi Verma)
EA-7969

Details of Division Wise Losses (Four year balance)

Division Wise Losses

Sl. No.	Name of circle	Circle code	Name of Division	Consumer category	Consumer profile					Period from		Energy consumed (MWh)		Losses		Commercial Parameter				AT & C loss (%)	
					No. of connections metered (Nos)	No. of connections Un-metered	Total Number of connections (Nos)	No. of connections of metered of	Losses of metered of	Losses of unmetered of	Total Connected Load (DWS)	% of connected load	Input energy (MWh)	Estimated energy (MWh)	% of energy loss	T & D loss (MWh)	T & D loss (%)	billed Amount in Rs. Crore	Collected Amount in Rs. Crore		Collection Efficiency
1	CITY AMRITSAR	B	DS-CITY CENTER DIVN. A/B	Residential	41767	0	41767	0	18484	0	99.843	167.026	167.026	0.000	99.999	0.000	0.000	0.000	0.000	0.000	100.000
2	CITY AMRITSAR	B	DS-CITY LINE/TECH. DIVN.	Residential	30526	0	30526	75	141732	0	167.036	167.036	0.000	99.999	0.000	0.000	0.000	0.000	0.000	100.000	
3	CITY AMRITSAR	B	DS-DIVN. INDUSTRIAL GATEWAY	Residential	39220	0	39220	64	86035	0	160.994	160.994	0.000	99.999	0.000	0.000	0.000	0.000	0.000	100.000	
4	CITY AMRITSAR	B	DS-IND. AREA TECH. DIVN.	Residential	46527	0	46527	78	99338	0	99.530	99.530	0.000	99.999	0.000	0.000	0.000	0.000	0.000	100.000	
5	GURDASPUR	9	DS-CITY DIVN. BATALA	Residential	68623	0	68623	72	11247	0	136.224	136.224	0.000	99.999	0.000	0.000	0.000	0.000	0.000	100.000	
6	GURDASPUR	9	DS-CITY DIVN. PATHANKOT	Residential	11712	0	11712	75	14147	0	215.605	215.605	0.000	99.999	0.000	0.000	0.000	0.000	0.000	100.000	
7	GURDASPUR	9	DS-DIVN. GAJIAN	Residential	69437	0	69437	71	93483	0	280.456	280.456	0.000	99.999	0.000	0.000	0.000	0.000	0.000	100.000	
8	GURDASPUR	9	DS-DIVN. ENAHRIWAL	Residential	77609	0	77609	71	92869	0	225.284	225.284	0.000	99.999	0.000	0.000	0.000	0.000	0.000	100.000	
9	GURDASPUR	9	DS-DIVN. GURDASPUR	Residential	60323	0	60323	75	14141	0	160.107	160.107	0.000	99.999	0.000	0.000	0.000	0.000	0.000	100.000	
10	GURDASPUR	9	DS-SUB DIVN. BATALA	Residential	8906	0	8906	71	10538	0	284.912	284.912	0.000	99.999	0.000	0.000	0.000	0.000	0.000	100.000	
				Sub-total	99428	0	99428	100.000	155.01	104.89	259.897	259.897	0.000	99.999	0.000	0.000	0.000	0.000	0.000	100.000	

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Chief Engineer/EA & Ent. PTA

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 EA 9909

Sl. No.	Category	2017-18				2018-19				2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
		Consumption	Revenue	Subsidy	Total	Consumption	Revenue	Subsidy	Total						
77	Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Agricultural	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Commercial/Industrial LT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Commercial/Industrial HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-total		0	0	0	100%	0	0	0	100%	0	0	0	0	0	0
78	Residential	7335.809	0	7335.809	73%	13707	0	13707	46%	8584.809	0	8584.809	46%	13707	100%
	Agricultural	24.72	138495.8	139778.2	14%	16.841	10580	10648.41	2%	16.841	10580	10648.41	2%	10648.41	100%
	Commercial/Industrial LT	1309810	0	1299742	13%	7628.3	0	7628.3	13%	7628.3	0	7628.3	13%	7628.3	100%
	Commercial/Industrial HT	9759	0	9759	0%	7018.8	0	7018.8	13%	7018.8	0	7018.8	13%	7018.8	100%
	Others	559	0	559	0%	566.85	0	566.85	1%	566.85	0	566.85	1%	566.85	100%
At company level		8657639	138495.8	10042562	100%	28938	10580	39518.129	100%	17232.932	10580	12184.932	100%	12184.932	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 to the energy distribution company is quarterly calculated by multiplying the energy supplied to each of such category of consumers by the

Sl. No.	Parameter	Value
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2
3

On certificate that the information supplied in this Enclosure and First Annexure is accurate to the best of my knowledge and if any of the information supplied is found to be incorrect and such information results in loss to the Central Government or State Government or any of the utility under this or any other provision, I shall be held to be liable to indemnify such loss.

Authorised Signatory and Seal
 Name of Authorised Signatory
 Rank of the Signatory
 Post Address
 Date

[Handwritten Signature]

Chief Engineer/ EA & Enf. PTA

[Handwritten Signature]
 (Mr. Ravi Verma)
 EA-7969

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	21	21		CE/Planning
ii	Number of divisions	104	104		CE/Planning
iii	Number of sub-divisions	508	508		CE/Planning
iv	Number of feeders	12881	12881		Director / D
v	Number of DTs	1149717	1149717		CE/Planning
vi	Number of consumers	10043875	10043875		CE/Planning
2	Parameters	66kV and above	33kV	11/22kV	LT
a.i.	Number of conventional metered consumers				
ii	Number of consumers with 'smart' meters	0	0.00	0	15238
iii	Number of consumers with 'smart prepaid' meters				
iv	Number of consumers with 'AMR' meters	161	4.00	8920	963
v	Number of consumers with 'non-smart prepaid' meters				
vi	Number of unmetered consumers				
vii	Number of total consumers	161	4.00	8920	16201
b.i.	Number of conventionally metered Distribution Transformers				
ii	Number of DTs with communicable meters				
iii	Number of unmetered DTs				
iv	Number of total Transformers				
c.i.	Number of metered feeders	158	5.00	12690	0
ii	Number of feeders with communicable meters	158	5.00	12690	0
iii	Number of unmetered feeders	0	0.00	0	0
iv	Number of total feeders	156	5.00		
d	Line length (ct km)	66 KV: 10118 KM,	33 KV: 87 Km,	11 KV: 248423 Km,	LT:
e	Length of Aerial Bunched Cables				
f	Length of Underground Cables				
3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)
i	66kV and above	Long-Term Conventional	12353.36	Includes input energy for franchisees	value of unscheduled interchange energy is entered as the provision of the same has not provided in the performa
		Medium Conventional (unscheduled interchange)	-309.24		
			7490.33		
		Short Term Conventional	2071.16		
		Banking			
		Long-Term Renewable energy	436.37	Includes power from bilateral/ PX/ DEEP	
		Medium and Short-Term RE		Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee.	
		Captive, open access input			
		Sale of surplus power	-117.14		
		Quantum of inter-state transmission loss	562.08	As confirmed by SLDC, RLDC etc	
Power procured from inter-state sources	21924.84	Based on data from Form 5			
Power at state transmission boundary	21362.76				

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		Long-Term Conventional	15660.06		Power procured from intra state sources at different voltage levels
		Medium Conventional			
		Short Term Conventional			
		Banking			
		Long-Term Renewable energy	1000.86		NRSE power procured from intra state sources at 66KV and above
		Medium and Short-Term RE			
		Captive, open access input			
		Sale of surplus power			
		Quantum of intra-state transmission loss	1112.97		calculated by deducting the input energy at DISCOM periphery i.e. 37032.95 MUS from net energy available at PSPCL i.e. 38145.91 MUS
		Power procured from intra-state sources	16660.92		PSTCL
		Input in DISCOM wires network	36910.71		
iii		Renewable Energy Procurement			
iv	33 kV	Small capacity conventional/ biomass/ hydro plants Procurement			
		Captive, open access input	121.98		
v	11 kV	Renewable Energy Procurement			PSTCL
		Small capacity conventional/ biomass/ hydro plants Procurement			
		Sales Migration Input			
vi	LT	Renewable Energy Procurement			
		Sales Migration Input			
		Energy Embedded within DISCOM wires network	121.98		NRSE power procured from intra state sources at 11KV
vii		Total Energy Available/ Input	37032.69		
viii		Energy Sales Particulars	MU		Reference
4	Voltage level	DISCOM' consumers			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	0.00		
		Quantum of LT level losses	0.00		
i	LT Level				

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		Energy Input at LT level			
ii	11 kV Level	DISCOM' consumers		32798.56	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		32798.56	
		Quantum of Losses at 11 kV		-32798.56	
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		0.00	
		Quantum of Losses at 33 kV		0.00	
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		38707.99	
		Sales at 66kV and above (EHV)		0.00	
			Total Energy Requirement	38707.99	
			Total Energy Sales	32798.56	

Sale at 11 kV level include sale at all levels prevailing in PFRCL as the voltage-wise breakup is not matching with total sales figure.

Voltage-wise energy requirement input not available instead available source-wise.

Energy Accounting Summary					
S	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	0.00	0.00	0.00	#DIV/0!
ii	11 Kv	38707.99	32798.56	5909.43	15.27%
iii	33 kv	0.00	0.00	0.00	#DIV/0!
iv	> 33 kv	#REF!	0.00	#REF!	#REF!
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	5,909
O loss	4,234
T&D loss (%)	0.15266693
O loss (%)	0.109392919

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Details of Input Energy Sources

Period From 01.04.2021 To 30.09.2021

A. Generation at Transmission Periphery (Details)

S.No.	Name of Generation Station	Generation Capacity (In MW)	Type of Station Generation (Based- Solid (Coal ,Lignite)/Liquid/Gas/Renewable (biomass- bagasse)/Others)	Type of Contract (in years/months/days)	Type of Grid (Intra-state/Inter-state)	Point of Connection (POC) Loss MU	Voltage Level (At input)	Remarks (Source of data)
1	NVVN Bundled Solar (2 no. projects (35+2))	37.00	Renewable-Solar	25 years	Inter-State			
2	SECI	30.00	Renewable-Solar	25 years	Inter-State			
3	SECI (M/s Adani Hybrid Energy Jaisalmer Three Ltd.)	27.00	Renewable-Solar	25 years	Inter-State			
4	SECI (M/s Adani Hybrid Energy Jaisalmer Two Ltd.)	40.45	Renewable-Solar	25 years	Inter-State			
5	SECI (i. Renew Power Ventures (P) Ltd. 100 MW, ii Adani Green Energy (MP) Ltd. 50 MW)	150.00	Renewable-Wind	25 years	Inter-State			
6	SECI (Green Infra Wind Energy Ltd. (P) Ltd.)	200.00	Renewable-Wind	25 years	Inter-State			
7	SECI (M/s Adani Hybrid Energy Jaisalmer Three Ltd.), Vill.- Keraliya, Dist. Jaisalmer (Rajasthan)	6.75	Renewable-Wind	25 years	Inter-State			
8	SECI (M/s Adani Hybrid Energy Jaisalmer Two Ltd.), Vill.- Kajasar, Dist. Jaisalmer (Rajasthan)	10.11	Renewable-Wind	25 years	Inter-State			
9	Bairasiul	82.70	Renewable- Hydro	35 years	Inter-State			
10	Salal	181.70	Renewable- Hydro	35 years	Inter-State			
11	Rampur	22.92	Renewable- Hydro	35 years	Inter-State			
12	Nathpa Jhakri(SJVNL)	150.13	Renewable- Hydro	35 years	Inter-State			
13	Tehri(THDC)	76.08	Renewable- Hydro	35 years	Inter-State			
14	Dulhasti	31.90	Renewable- Hydro	35 years	Inter-State			
15	Tanakpur	16.65	Renewable- Hydro	35 years	Inter-State			
16	Chamera-I	54.42	Renewable- Hydro	35 years	Inter-State			
17	Parbati-III	40.38	Renewable- Hydro	35 years	Inter-State			
18	Dhauliganga	27.66	Renewable- Hydro	35 years	Inter-State			
19	Chamera-II	29.64	Renewable- Hydro	35 years	Inter-State			
20	SEWA-II	9.876	Renewable- Hydro	35 years	Inter-State			

21	Uri	65.208	Renewable- Hydro	35 years	Inter-State			
22	Uri-II	19.28	Renewable- Hydro	35 years	Inter-State			
23	Koteshwar(THDC)	25.19	Renewable- Hydro	35 years	Inter-State			
24	Koldam HEP	61.22	Renewable- Hydro	35 years	Inter-State			
25	Chamera-III	17.93	Renewable- Hydro	35 years	Inter-State			
26	Singrauli SHEP	0.00	Renewable- Hydro	35 years	Inter-State			
27	Kishanganga	0.00	Renewable- Hydro	35 years	Inter-State			
28	MALANA-2 (PTC)	86.86	Renewable- Hydro	35 years	Inter-State			
29	KARCHAM (PTC)	197.60	Renewable- Hydro	35 years	Inter-State			
30	Anta GPS	47.63	Gas		Inter-State			
31	Auraiya GPS	80.72	Gas		Inter-State			
32	Dadri NCGPS	128.34	Gas		Inter-State			
33	Pragati-III(Bawana)CCGT	133.33	Gas		Inter-State			
34	NAPP	45.64	Nuclear	15 years	Inter-State			
35	RAPP-B	89.51	Nuclear	15 years	Inter-State			
36	RAPP-C	40.99	Nuclear	15 years	Inter-State			
37	Farakha (ER)	0.00	Thermal	25 years	Inter-State			
38	Kahal gaon (ER)	0.00	Thermal	25 years	Inter-State			
39	PTC Tala(Hydro)	29.69	Thermal	25 years	Inter-State			
40	Kahal gaon-II (ER)	112.78	Thermal	25 years	Inter-State			
41	Singrauli	185.74	Thermal	25 years	Inter-State			
42	Rihand-I	101.20	Thermal	25 years	Inter-State			
43	Rihand-II	95.63	Thermal	25 years	Inter-State			
44	Unchahar-I	0.00	Thermal	25 years	Inter-State			
45	Unchahar-II	54.10	Thermal	25 years	Inter-State			
46	Unchahar-III	15.48	Thermal	25 years	Inter-State			
47	Jhajjar (JV)	0.00	Thermal	25 years	Inter-State			
48	Rihand - III	77.50	Thermal	25 years	Inter-State			
49	Dadri (Th.)-II	0.00	Thermal	25 years	Inter-State			
50	Unchahar-IV	0.00	Thermal	25 years	Inter-State			
51	Meja	45.05	Thermal	25 years	Inter-State			
52	Tanda Stage-II	0.00	Thermal	25 years	Inter-State			

53	DVC -Durgapur	188.50	Thermal	25 years	Inter-State			
54	DVC RTPS 1&2	282.75	Thermal	25 years	Inter-State			
55	SASAN Ultra Mega Project	558.36	Thermal	25 years	Inter-State			
56	MUNDRA_UMPP	475.00	Thermal	25 years	Inter-State			
57	DVC -BTPS	188.50	Thermal	25 years	Inter-State			
58	TSPL	1841	Thermal	25 years	Inter-State			
59	GVK	491	Thermal	25 years	Intra State			
60	NPL	1320	Thermal	25 years	Intra State			
61	GGSSTP, Ropar	768.60	Thermal owned by PSPCL		Intra State			
62	GHTP, Lehra Mohabbat (Unit # 1 & 2) (Stage-I)	384.30	Thermal owned by PSPCL		Intra State			
63	GHTP, Lehra Mohabbat (Unit # 3 & 4) (Stage-II)	457.50	Thermal owned by PSPCL		Intra State			
64	Shanan	107.80	Hydro owned by PSPCL		Intra State			
65	UBDC-I	44.55	Hydro owned by PSPCL		Intra State			
66	UBDC-II	45.98	Hydro owned by PSPCL		Intra State			
67	RSPP	447.88	Hydro owned by PSPCL		Intra State			
68	Bhakra Share	638.77	Hydro	35 years	Inter-State			
69	Dehar Share	409.56	Hydro	35 years	Inter-State			
70	Pong Share	84.86	Hydro	35 years	Inter-State			
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B. Embedded Generation in DISCOM

S.No	Name of Generation Station	Generation Capacity (In MW)	Type of Station (Generation Based- Solid/Liquid/Gas/Renewable/Others)	Type of Contract	Type of Grid	Voltage Level (KVA)	Circle Load (MW)	Received at Circle (KVA)
1	Abundant Energy Pvt. Ltd. (Project-1)	2.00	Renewable Solar	Long term	State Grid	11		
2	Abundant Energy Pvt. Ltd. (Project-2)	1.00	Renewable Solar	Long term	State Grid	11		
3	Acme Solar Rooftop system pvt. Ltd. Jhunir	15.00	Renewable Solar	Long term	State Grid	66		
4	Acme Solar Rooftop system pvt. Ltd. Nangla,	15.00	Renewable Solar	Long term	State Grid	66		
5	Aditya medisales Ltd.	4.00	Renewable Solar	Long term	State Grid	66		
6	Allianz Ecopower Pvt. Ltd.	2.00	Renewable Solar	Long term	State Grid	11		
7	Aster Solar Power Pvt. Ltd.	1.00	Renewable Solar	Long term	State Grid	11		
8	Atma Powers Pvt. Ltd., Lakhewali, Mukatsar	2.00	Renewable Solar	Long term	State Grid	11		
9	Azure power makemake Pvt. Ltd., Bhattiwala	4.00	Renewable Solar	Long term	State Grid	66		
10	Azure power makemake Pvt. Ltd., Killianwali	24.00	Renewable Solar	Long term	State Grid	66		
11	Azure Power Pluto Pvt. Ltd., Bahadurgarh Jandia-1	25.00	Renewable Solar	Long term	State Grid	66		
12	Azure Power Pluto Pvt. Ltd., Bahadurgarh Jandia-2	25.00	Renewable Solar	Long term	State Grid	66		
13	Azure Power Pluto Pvt. Ltd., Korianwali	25.00	Renewable Solar	Long term	State Grid	66		
14	Azure Power Pluto Pvt. Ltd. Badal	15.00	Renewable Solar	Long term	State Grid	66		
15	Azure Power Pluto Pvt. Ltd., Bahadurkhera	25.00	Renewable Solar	Long term	State Grid	66		

16	Azure Power Pluto Pvt. Ltd., Bhattiwala	10.00	Renewable Solar	Long term	State Grid	66		
17	Azure Power Pluto Pvt. Ltd., Vanwala	25.00	Renewable Solar	Long term	State Grid	66		
18	Azure Renewable Energy Pvt. Ltd., PSAMB, Mansa	0.63	Renewable Solar	Long term	State Grid	11		
19	Azure Renewable Energy Pvt. Ltd., Kotla Fazal	0.55	Renewable Solar	Long term	State Grid	11		
20	Azure Renewable Energy Pvt. Ltd., Mukatsar	0.801	Renewable Solar	Long term	State Grid	11		
21	Azure Renewable Energy Pvt. Ltd., Bathinda	0.503	Renewable Solar	Long term	State Grid	11		
22	Azure Renewable Energy Pvt. Ltd., Boss Computers Ltd. Zirakpur	1.25	Renewable Solar	Long term	State Grid	11		
23	Azure Renewable Energy Pvt. Ltd., CA, Kharar	0.60	Renewable Solar	Long term	State Grid	11		
24	Azure Renewable Energy Pvt. Ltd., Canam Morinda	1.60	Renewable Solar	Long term	State Grid	11		
25	Azure Renewable Energy Pvt. Ltd., PSAMB, LDH	0.76	Renewable Solar	Long term	State Grid	11		
26	Azure Renewable Energy Pvt. Ltd., PSAMB, Mohali	2.05	Renewable Solar	Long term	State Grid	11		
27	Azure Renewable Energy Pvt. Ltd., Skyross	1.26	Renewable Solar	Long term	State Grid	66		
28	Azure Urja Pvt. Ltd., 15 MW (Tahliwal Jattan), P-1	15.00	Renewable Solar	Long term	State Grid			

29	Azure Urja Pvt. Ltd , 15 MW (Sikhwala / Punjwa), P-II	15.00	Renewable Solar	Long term	State Grid	66		
30	Azure Urja Pvt. Ltd , 4 MW (Sikhwala / Punjwa), P-III	4.00	Renewable Solar	Long term	State Grid	66		
31	Bhanuenergy Industrial Development Ltd.(BIDL)	15.00	Renewable Solar	Long term	State Grid	66		
32	Bhanuenergy Infrastructure Pvt. Ltd.(BIPL)	15.00	Renewable Solar	Long term	State Grid	66		
33	Canal Solar Energy Pvt. Ltd.	7.50	Renewable Solar	Long term	State Grid	66		
34	Carlill Energy Pvt. Ltd. , Bhagsar, Mukatsar	1.50	Renewable Solar	Long term	State Grid	11		
35	Continental Engineering & Power Pvt. Ltd.	1.00	Renewable Solar	Long term	State Grid	11		
36	Earth Solar Pvt. Ltd., Behbalpur, Nabha	4.00	Renewable Solar	Long term	State Grid	66		
37	Enterprise Business Solutions Pvt. Ltd., SBS Nagar	1.50	Renewable Solar	Long term	State Grid	11		
38	Ecoenergy Inc., Boparai kalan, Ludhiana	1.00	Renewable Solar	Long term	State Grid	11		
39	Focal Energy Solar India Pvt. Ltd.	4.00	Renewable Solar	Long term	State Grid	66		
40	G.S.Atwal & Co (Engineers) Pvt. Ltd.	1.50	Renewable Solar	Long term	State Grid	11		
41	I.K Energy Pvt. Ltd.,Lallian Kalan, Jalandhar	1.00	Renewable Solar	Long term	State Grid	11		
42	International Switchgears Pvt. Ltd.,Ph-I, Amritsar	1.00	Renewable Solar	Long term	State Grid	11		
43	International Switchgears Pvt. Ltd.,Ph-II, Amritsar	1.00	Renewable Solar	Long term	State Grid	11		

44	JSSK Energy Pvt. Ltd.	1.00	Renewable Solar	Long term	State Grid	11		
45	Madhav Solar Pvt. Ltd-I, Boha, Mansa	2.00	Renewable Solar	Long term	State Grid	11		
46	Madhav Solar Pvt. Ltd-II, Boha, mansa	2.00	Renewable Solar	Long term	State Grid	11		
47	Magnet Buildtech Pvt. Ltd- I, Sherkawala	25.00	Renewable Solar	Long term	State Grid	66		
48	Magnet Buildtech Pvt. Ltd- II., Toderpur	25.00	Renewable Solar	Long term	State Grid	66		
49	Magnificent Power Pvt. Ltd.	1.00	Renewable Solar	Long term	State Grid	11		
50	Mihit Solar Power Pvt. Ltd., Jhandakalan	24.00	Renewable Solar	Long term	State Grid	66		
51	Mihit Solar Power Pvt. Ltd., Khera khurad	25.00	Renewable Solar	Long term	State Grid	66		
52	Mihit Solar Power Pvt. Ltd., Mankhera	25.00	Renewable Solar	Long term	State Grid	66		
53	Mokia Green Energy P.Ltd., Ludhiana	4.00	Renewable Solar	Long term	State Grid	66		
54	Mytrah Aadhya Power Pvt. Ltd.-Balran	25.00	Renewable Solar	Long term	State Grid	66		
55	Mytrah Aadhya Power Pvt. Ltd.-Bareta	25.00	Renewable Solar	Long term	State Grid	66		
56	Nextgen Solux Power Pvt. Ltd.-I, (Mirpurkalan)	1.00	Renewable Solar	Long term	State Grid	11		
57	Nextgen Solux Power Pvt. Ltd.-II, (Jhunir)	1.00	Renewable Solar	Long term	State Grid	11		
58	Northstar Solar Power Pvt. Ltd., Pathrala, Bathinda	4.00	Renewable Solar	Long term	State Grid	66		
59	Oasis Green Pvt. Ltd.	3.00	Renewable Solar	Long term	State Grid	66		
60	Omega infraengineers Pvt. Ltd.	1.00	Renewable Solar	Long term	State Grid	11		
61	Omega Solar Projects Pvt. Ltd., Lehragara	10.00	Renewable Solar	Long term	State Grid	66		
62	PGL, Khatkar Kalan SPV	0.20	Renewable Solar	Long term	State Grid	11		
63	Phulokheri PEIDA SPV	1.00	Renewable Solar	Long term	State Grid	11		
64	Photon Sunbeam Pvt. Ltd.-	15.00	Renewable Solar	Long term	State Grid	66		

65	Photon Sunbeam Pvt. Ltd.-II	25.00	Renewable Solar	Long term	State Grid	66		
66	PN Clean energy Pvt Ltd, Mansa	20.00	Renewable Solar	Long term	State Grid	66		
67	PN Renewable energy Pvt Ltd, Mansa	10.00	Renewable Solar	Long term	State Grid	66		
68	Prayatna Developers Pvt. Ltd.-I, Sardargarh	50.00	Renewable Solar	Long term	State Grid	132		
69	Prayatna Developers Pvt. Ltd.-II Chughekalan	50.00	Renewable Solar	Long term	State Grid	132		
70	Purshtam Ind.Ltd.Vill. Bajak, Bathinda	3.00	Renewable Solar	Long term	State Grid	66		
71	Radiant Solar Energies Pvt. Ltd.	3.00	Renewable Solar	Long term	State Grid	66		
72	RSSB Educational & Environmental Society (New)	12.00	Renewable Solar	Long term	State Grid	132		
73	RSSB Educational & Environmental Society (Old)	7.52	Renewable Solar	Long term	State Grid	132		
74	SAM SOLAR Pvt. Ltd. Doraha canal top	2.50	Renewable Solar	Long term	State Grid	11		
75	SAM SOLAR Pvt. Ltd. Nidampur, Sangrur	2.50	Renewable Solar	Long term	State Grid	11		
76	Solairedirect Projects India Pvt. Ltd.	20.00	Renewable Solar	Long term	State Grid	66		
77	Solaire Power Pvt. Ltd. Usmankhara	24.00	Renewable Solar	Long term	State Grid	66		
78	Solaire Urja Pvt Ltd.	25.00	Renewable Solar	Long term	State Grid	66		
79	Soma Enterprises Ltd. , Khera Kalmout	1.00	Renewable Solar	Long term	State Grid	11		
80	Sovax Renewables Pvt. Ltd., Mehandipur	1.00	Renewable Solar	Long term	State Grid	11		
81	T R Energy & Agro Pvt. Ltd.-I	2.00	Renewable Solar	Long term	State Grid	11		
82	T R Energy & Agro Pvt. Ltd.-II	1.00	Renewable Solar	Long term	State Grid	11		
83	Vector Green Sunshine Pvt. Ltd., Boha	20.00	Renewable Solar	Long term	State Grid	66		

84	Vector Green Surya Urja Pvt. Ltd. Boha	20.00	Renewable Solar	Long term	State Grid	66		
85	Vijay Printing Press Pvt. Ltd.	7.50	Renewable Solar	Long term	State Grid	66		
86	Vivaan Solar Pvt. Ltd.	2.00	Renewable Solar	Long term	State Grid	66		
87	Walwahan Solar PB Ltd.- I, Tiona pujarian,	20.00	Renewable Solar	Long term	State Grid	11		
88	Walwahan Solar PB Ltd-II- Jagaram tirath,	10.00	Renewable Solar	Long term	State Grid	66		
89	Walwahan Solar PB Ltd-III- Jagaram Tirath	2.00	Renewable Solar	Long term	State Grid	66		
90	Walwahan Solar PB Ltd-IV, Tiona pujarian,	4.00	Renewable Solar	Long term	State Grid	11		
91	A.B. Sugars Ltd	20.00	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
92	Chadha Sugars & Ind. Ltd.	18.00	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
93	Indian Sucrose Ltd.	6.00	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
94	Nawanshahr Power Pvt. Ltd.	13.50	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
95	Rana Sugars Ltd.	10.20	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
96	Rana Sugars Ltd	20.00	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
97	Wahid Sandhar Sugars Ltd.	7.00	Co-generation(Baggase/Biomass)	Long term	State Grid	33		
98	The Bhogpur Co-op Sugars Mills Ltd	8.54	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
99	A.B. Grains Spirts Pvt. Ltd	3.00	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
100	Chandigarh Distillers & Bottlers Ltd. 8 25	5.00	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
101	Chandigarh Distillers & Bottlers Ltd. 3 9	2.50	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
102	Indian Acrylics Ltd	1.50	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
103	International Mega Foods Pvt. Ltd. Dabhwala	4.00	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
104	NV Distilleries & Breweries Pvt. Ltd.	6.00	Co-generation(Baggase/Biomass)	Long term	State Grid	66		
105	Shree Ganesh Edibles Pvt. Ltd.	0.50	Co-generation(Baggase/Biomass)	Long term	State Grid	11		
106	Dee Development Engineers Pvt. Ltd.	8.00	Biomass/IPP	Long term	State Grid	66		
107	Green Planet Energy Pvt. Ltd. Birpind	6.00	Biomass/IPP	Long term	State Grid	66		
108	Green Planet Energy Pvt. Ltd. (Rankine cycle)	6.00	Biomass/IPP	Long term	State Grid	66		
109	Jaikhen Power Plant	0.00	Biomass/IPP	Long term	State Grid			

110	Malwa Power Pvt Ltd	6.00	Biomass/IPP	Long term	State Grid			
111	Sukhbir Agro Energy Ltd. (Ferozepur)	18	Biomass/IPP	Long term	State Grid	66		
112	Sukhbir Agro Energy Ltd. (Jaito)	18	Biomass/IPP	Long term	State Grid	132		
113	Universal Biomass Energy Pvt. Ltd.	14.50	Biomass/IPP	Long term	State Grid	66		
114	Viaton Energy Pvt. Ltd.	10.00	Biomass/IPP	Long term	State Grid	132		
115	Hebawal Biometh.LDH	1.00	waste to energy	Long term	State Grid	66		
116	Green Planet Energy Pvt. Ltd., Binjon (otto cycle)	4.00	Biogas	Long term	State Grid	11		
117	Hargobind Bio energy	0.50	Biogas	Long term	State Grid	66		
118	Sampuran Agri Ventures Ltd.	0.70	Biogas	Long term	State Grid	11		
119	Chakbhai MHP	2.00	Mini Hydel	Long term	State Grid	11		
120	Lohgarh	2.00	Mini Hydel	Long term	State Grid	11		
121	Sadana	1.20	Mini Hydel	Long term	State Grid	11		
122	Ghola MHP	0.80	Mini Hydel	Long term	State Grid	11		
123	Chanuwal MHP	0.90	Mini Hydel	Long term	State Grid	11		
124	Akhara MHP	1.10	Mini Hydel	Long term	State Grid	11		
125	Khanpur	1.10	Mini Hydel	Long term	State Grid	11		
126	Sudhar	1.40	Mini Hydel	Long term	State Grid	11		
127	Babanpur MHP	1.25	Mini Hydel	Long term	State Grid	11		
128	Killa	1.75	Mini Hydel	Long term	State Grid	11		
129	Sahoke	1.20	Mini Hydel	Long term	State Grid	11		
130	Dolowal MHP	1.40	Mini Hydel	Long term	State Grid	11		
131	Salar MHP	1.50	Mini Hydel	Long term	State Grid	11		
132	Bhanubura MHP	1.30	Mini Hydel	Long term	State Grid	11		
133	Atlantic Power Pvt. Ltd (Phoola)	0.60	Mini Hydel	Long term	State Grid	11		
134	Atlantic Power Pvt. Ltd. (Nakkian)	0.30	Mini Hydel	Long term	State Grid	11		
135	Atlantic Power Pvt. Ltd (Terkiana)	0.65	Mini Hydel	Long term	State Grid	11		
136	Atlantic Power Pvt. Ltd (Terkiana) PSPCL Free Energy share	0.00	Mini Hydel	Long term	State Grid			
137	Gill Aqua Hydro Power Gen Co. Pvt. Ltd. -MBL-II	6.00	Mini Hydel	Long term	State Grid	66		
138	Gill Aqua Hydro Power Gen Co. Pvt. Ltd. -MBL-III	3.80	Mini Hydel	Long term	State Grid	66		
139	Gill Power Generation Co. (P) Ltd. Babbheli	2.70	Mini Hydel	Long term	State Grid	11		
140	Himalayan Renewable Energy Pvt. Ltd.	0.60	Mini Hydel	Long term	State Grid	11		

Form Input energy (Details of Input Energy & Infrastructure)

A. Summary of energy input & Infrastructure

S.No	Parameters	Period From 01.04.2021 To 30.09.2021	Remarks (Source of data)
A.1	Input Energy (purchased) (MU)	28145.91	Historical Data
A.2	Transmission loss (N)	2.86	
A.3	Transmission loss (MU)	1117.716	
A.4	Energy sold outside the periphery (MU)	81.64	Historical Data
A.5	Open access sale (MU)	0.09	Historical Data
A.6	Net sale	0	
A.7	Net input energy (received at DISCOM periphery or at distribution point) (MU)	37032.949	
A.8	% 100% metering available at 66-11 kV (Subject to open access sale)	Yes	
A.9	% 100% metering available at 11 kV (Subject to open access sale)	Yes	
A.10	% of metering available at DT	4%	
A.11	% of metering available at consumer end	86%	
A.12	No. of feeders at 66kV voltage level	158	Director/D
A.13	No. of feeders at 11kV voltage level	5	Director/D
A.14	No. of feeders at 33kV voltage level	13600	Director/D
A.15	No. of LT feeders level	0	
A.16	Line length (kvt km) at 66kV voltage level	10318	Planning
A.17	Line length (kvt km) at 11kV voltage level	87	Planning
A.18	Line length (kvt km) at 33kV voltage level	248473	Planning
A.19	Line length (km) at LT level	151373	Planning
A.20	Length of Aerial Bunched Cables		
A.21	Length of Underground Cables		
A.22	HT/LT Ratio	1.64%	

B. Meter reading of input energy at injection points

S.No	Zone	Circle	Voltage Level (kV)	Division (DIV)	Sub-Division (SDV)	Feeder ID	Feeder Name	Feeder Metering Status (Meters of un-metered/ AMI/AMR)	Status of Meter (Functional/Non-Functional)	Date of last actual meter reading/ communication	Feeder Type (Agri/ Industrial/Mixed)	Status of Communications		Period from...		Sinks	Remarks (Source of data)	
												% data received through automatically if Feeder AMR/AMI	Number of hours when meter was unable to communicate in period	Total Number of hours in the period	Meter No			CT/PT ratio
B.1	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	7	SAUNDA	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	2.287	
B.2	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	9	SADHUGARH	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	2.389	
B.3	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	10	SANGATPURA	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.368	
B.4	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	11	MANDIGAL	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.793	
B.5	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	12	HISSANPURIA	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.875	
B.6	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	13	MULLANPUR	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.218	
B.7	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	14	ROBAN	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	2.457	
B.8	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D BASU PATH	15	BANGARAH (MULLANPUR)	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	2.414	
B.9	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D BASU PATH	16	MULLANPUR NEW	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.971	
B.10	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D BASU PATH	17	MAIN MAJRI	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.978	
B.11	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D BASU PATH	18	KAMALI	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	2.015	
B.12	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/D CHAURWALA	19	ROBHGARH	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.417	
B.13	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/D CHAURWALA	20	PANDI A	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.074	
B.14	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	21	WARSABAD	Metered	OK	30.09.2021	Category 5 UPS	0	0	0	0	0	4.825	
B.15	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	22	HANSALI	Metered	OK	30.09.2021	Category 4	0	1464	4382	174568	1149	1.149	
B.16	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS CITY S/D SIRHIND	24	HOSPITAL	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	0.626	
B.17	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	26	NATURAL	Metered	OK	30.09.2021	Category 2	0	0	0	0	0	1.978	
B.18	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	25	CANAL AP	Metered	OK	30.09.2021	Category 3	0	0	0	0	0	1.875	
B.19	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	27	SATPAL STRIPS	Metered	OK	30.09.2021	Category 3	0	0	0	0	0	0.000	
B.20	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	28	DEV ALLOYS	Metered	OK	30.09.2021	Category 3	0	0	0	0	0	1.748	
B.21	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	29	SAMEKIT	Metered	OK	30.09.2021	Category 3	0	0	0	0	0	9.172	
B.22	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	30	JATIN	Metered	OK	30.09.2021	Category 3	0	0	0	0	0	0.000	
B.23	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	31	KAMNA	Metered	OK	30.09.2021	Category 2	0	0	0	0	0	1.860	
B.24	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	32	GT ROAD 1	Metered	OK	30.09.2021	Category 2	0	0	0	0	0	0.593	
B.25	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	33	GT ROAD 2	Metered	OK	30.09.2021	Category 2	0	0	0	0	0	4.849	
B.26	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	34	THANAKA OIL	Metered	OK	30.09.2021	Category 1	0	0	0	0	0	1.673	
B.27	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/D CHAURWALA	35	FATEHGARH SAHIB	Metered	OK	30.09.2021	Category 1	0	1864	4382	173426	7854	1.068	
B.28	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS CITY S/D SIRHIND	36	CITY ONE	Metered	OK	30.09.2021	Category 1	0	4392	4392	8272405	4068	5.031	
B.29	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS CITY S/D SIRHIND	37	ANAJMANDI	Metered	OK	30.09.2021	Category 1	0	0	0	0	0	1.581	
B.30	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	38	NARUPUR	Metered	OK	30.09.2021	Category 1	0	0	0	0	0	2.786	
B.31	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	39	MAJKO MAJRA	Metered	OK	30.09.2021	Category 1	0	0	0	0	0	1.435	
B.32	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	40	CITY BASU	Metered	OK	30.09.2021	Category 1	0	0	0	0	0	1.180	
B.33	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/D CHAURWALA	41	JAI KHRI	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.581	
B.34	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	42	JATI PHUR	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.721	
B.35	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D SIRHIND	43	MADHOPUR	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.762	
B.36	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS CITY S/D SIRHIND	44	ATTIWALI	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	2.352	
B.37	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS CITY S/D SIRHIND	45	MAHADJAN	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.559	
B.38	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D BASU PATH	46	MOJAWAN	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.559	
B.39	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D BASU PATH	47	KARAPURIA	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.778	
B.40	Central	KHANNA	11kV	DS DIVN. SIRHIND	DS S/U S/D BASU PATH	48	NANPUR	Metered	OK	30.09.2021	AP 3Phase 3Wire	0	0	0	0	0	1.778	

