



The Director
Bureau of Energy Efficiency
Ministry of Power, Government of India
4th Floor, Sewa Bhawan, RK Puram, New Delhi- 110066

Kind Attn: - Shree Milind Deore

PSD/JSR/685/2022
Date: 29th June 2022

Sub: Submission of annual energy accounting report for Tata Steel Utilities and Infrastructure Services Limited (Tata Steel UISL) License area Saraikela Kharsawan district for FY2021-22 (i.e. from April-2021 to March-22).

Ref: Bureau of Energy Efficiency (Manner and Intervals for Conduct of Energy Audit in electricity distribution companies) Regulations, 2021.

Dear Sir,

In view of the above-mentioned regulation, we would like to submit the Annual Energy Audit report for Tata Steel Utilities and Infrastructure Services Limited (Tata Steel UISL) License area Saraikela Kharsawan district for FY2021-22 (i.e. April-2021 to March-2022).

Consumer wise collection data is maintained in our IT system, but category wise collection efficiency report is not configured therefore, for FY22 total collection efficiency is reported in annual report.

Please Note, there are some inadvertent errors in the pro-forma which we have received from your office. We are also not able to change the formula in the pro-forma as the cells are locked. Few corrections are suggested for consideration please.

Sheet Name	Cell No.	Performance indicator	Changes Suggested
Summary Sheet	D10	Collection Efficiency	Suggested to keep the post decimal value up to 2 digits
	D11	AT & C loss (%)	
Infrastructure Details	F3 to F8, and F62 to F86	Suggested to enable Wrap Text option in the menu ribbon	
	D73, D79	Input energy to 33kV also include the power transfer to 11kV & below system as well input energy to 11kV system also includes power transfer to DT for LT distribution but same is not considered in formula.	
	C106	T&D Loss (%)	UoM is given as % but value coming as real number. Suggested to multiply the same by 100 to get the percentage value
	C107	Distribution Loss (%)	
Division Wise Losses	X12	AT & C loss (%)	Suggested for keep the post decimal value up to 2 digits
General	Suggested to provide option to hide Row & Column which are not required		

Kindly acknowledge the compliance of the directive

For and on behalf of Tata Steel UISL
Thanking You.

Suman Mandal
29/06/2022

(Suman Mandal)
Senior Divisional Manager

General Information

1	Name of the DISCOM	TATA STEEL UTILITIES AND INFRASTRUCTURE SERVICES		
2	i) Year of Establishment	2004		
	ii) Government/Public/Private	Private		
3	DISCOM's Contact details & Address			
i	City/Town/Village	Northern Town, Bistupur, Jamshedpur		
ii	District	East Singhbhum		
iii	State	Jharkhand	Pin	831001
iv	Telephone		Fax	
4	Registered Office			
i	Company's Chief Executive Name	MR. TARUN DAGA		
ii	Designation	MANAGING DIRECTOR		
iii	Address	SAKCHI BOULEVARD ROAD, BISTUPUR		
iv	City/Town/Village	JAMSHEDPUR	P.O.	BISTUPUR
v	District	EAST SINGHBHUM		
vi	State	JHARKHAND	Pin	831001
vii	Telephone		Fax	
5	Nodal Officer Details*			
i	Nodal Officer Name (Designated at DISCOM's)	MR SUMAN MANDAL		
ii	Designation	SENIOR DIVISIONAL MANAGER		
iii	Address	SAKCHI BOULEVARD ROAD, BISTUPUR		
iv	City/Town/Village	JAMSHEDPUR	P.O.	BISTUPUR
v	District	EAST SINGHBHUM		
vi	State	JHARKHAND	Pin	831001
vii	Telephone	0657-6652333	Fax	
6	Energy Manager Details*			
i	Name	MR RAHUL KUMAR		
ii	Designation	ENERGY AUDITOR	Whether EA or EM	EA
iii	EA/EM Registration No.	EA-30703		
iv	Telephone		Fax	
v	Mobile	8987005756	E-mail ID	rkrahul493@gmail.com
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	1st April, 2021 - 31st March, 2022		


 Sr. DM (Commercial & Revenue)
 Power Services Division
TATA STEEL UISL


Rahul Kumar
 Energy Auditor
 EA-30703

Performance Summary of Electricity Distribution Companies

1	Period of Information Year of (FY) information including Date and Month (Start & End)	1st April, 2021 - 31st March, 2022	
2	Technical Details		
(a)	Energy Input Details		
(i)	Input Energy Purchase (From Generation Source)	Million kwh	843.06
(ii)	Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	843.06
(iii)	Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	828.68
(b)	Transmission and Distribution (T&D) loss Details	Million kwh	14.38
		%	1.71
	Collection Efficiency	%	101%
(c)	Aggregate Technical & Commercial Loss	%	1%

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

Suman Mandal
29/04/2022

Name of Authorised Signatory : Suman Mandal

Name of the DISCOM: Tata Steel UISL

Full Address:- Northern Town, Bistupur, Jamshedpur

Signature:-

Name of Energy Manager*:

Registration Number:

Rahul Kumar
Rahul Kumar
Energy Auditor
EA-30703

Seal

Suman Mandal
29/04/2022
Sr. DM (Commercial & Revenue)
Power Services Division
TATA STEEL UISL

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	NA	NA			
iv	Number of feeders	595	595		60 GIS Level Data	
v	Number of DTs	268	268		27 GIS Level Data	
vi	Number of consumers	7090	7090		709 Verified from SAP	
2	Parameters	66kV and above	33kV	11/22kV	LT	
a. i.	Number of conventional metered consumers				6456	
ii	Number of consumers with 'smart' meters					
iii	Number of consumers with 'smart prepaid' meters					
iv	Number of consumers with 'AMR' meters		50	291	293	
v	Number of consumers with 'non-smart prepaid' meters					
vi	Number of unmetered consumers					
vii	Number of total consumers		50	291	6749	
b.i.	Number of conventionally metered Distribution Transformers					
ii	Number of DTs with communicable meters		5	263		
iii	Number of unmetered DTs					
iv	Number of total Transformers		5	263	0	
c.i.	Number of metered feeders					
ii	Number of feeders with communicable meters		34	50	511	
iii	Number of unmetered feeders					
iv	Number of total feeders		34	50	511	
d.	Line length (ct km)			851.81		
e.	Length of Aerial Bunched Cables			28		
f.	Length of Underground Cables			823.81		
3	Voltage level	Particulars	MU	Reference	Remarks (Source of data)	
i	66kV and above	Long-Term Conventional	726	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 SLDC, RLDC etc		
		Power procured from inter-state sources		726	Based on data from Form 5	
		Power at state transmission boundary		726		
		Long-Term Conventional		116		
		Medium Conventional				
Short Term Conventional						
Banking						


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ii	33kV	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	116		
iii		Input in DISCOM wires network	842		
iv	33 kV	Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement			
v	11 kV	Captive, open access input			
		Renewable Energy Procurement			
		Small capacity conventional/ biomass/ hydro plants Procurement			
		Sales Migration Input	1		
vi	LT	Renewable Energy Procurement			
		Sales Migration Input			
vii		Energy Embedded within DISCOM wires network	1.14		
viii		Total Energy Available/ Input	843		
4	Voltage level	Energy Sales Particulars	MU	Reference	
i	LT Level	DISCOM' consumers	47	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	47		
		Quantum of LT level losses	3		Measured loss ~ 6.77%
ii	11 kV Level	Energy Input at LT level	50		
		DISCOM' consumers	227	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	227		
iii	33 kV Level	Quantum of Losses at 11 kV	5		Measured loss ~ 1.79%
		Energy input at 11 kV level	232		
		DISCOM' consumers	555	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	
iv	> 33 kV	Sales at 33 kV level	555		
		Quantum of Losses at 33 kV	6		Measured loss ~ 0.71%
		Energy input at 33kV Level	561		
		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			
		Sales at 66kV and above (EHV)	0		
Total Energy Requirement			843		
Total Energy Sales			829		

Rahul Kumar
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Akhand
 29/06/2022
 Sr. DM (Commercial & Revenue)
 Power Services Division
 TATA STEEL UISL

Energy Accounting Summary					
5	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
i	LT	50	47	3	6.77%
ii	11 Kv	232	227	5	1.79%
iii	33 kv	561	555	6	0.71%
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	14
D loss	14
T&D loss (%)	0.017103914
D loss (%)	0.017103914

Rahul Kumar
Rahul Kumar
 Energy Auditor
 EA-30703

Akhand
 29/06/2022
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 Power Services Division
TATA STEEL UISL

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

Division Wise Losses

Period From 1st April 2021 To 31st March 2022

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)				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/assessment energy	Total energy						% of energy consumption								
1				Residential	5396	0	5396	76%	38.0576	0	38.0576	15%	843.06	33.29	0	33.29	4%	14.3821	2%	11.5133574	12.8788416	111.86%								
				Agricultural	0	0	0	0%	0	0	0	0%		0	0	0	0%			0	0	0.00%								
				Commercial/Industrial-LT	1374	0	1374	19%	21.81799	0	21.81799	9%		24.64	0	24.64	3%			14.5117552	16.0761224	110.78%								
				Commercial/Industrial-HT	306	0	306	4%	190.57085	0	190.57085	76%		770.73	0	770.73	93%			417.977608	417.894013	99.98%								
				Others	14	0	14	0%	0.114	0	0.114	0%		0.02	0	0.02	0%			0.01232447	0.01349037	109.46%								
Sub-total				7090	0	7090	100%	250.56044	0	250.56044	100%	843.0621	828.68	0	828.68	100%	14.3821	2%	444.015045	446.862467	100.64%	1%								
2				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%								
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%								
				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%								

Handwritten signature
23/06/2022
Sr. DM (Commercial & Revenue)
Power Services Division
TATA STEEL UISL

Handwritten signature
Rahul Kumar
Energy Auditor
EA-30703

74		Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0.00%		
		Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0.00%		
		Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0.00%		
		Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0.00%		
		Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0.00%		
Sub-total			0	0	0	100%	0	0	0	100%	0	0	0	100%	0	0	0.00%		
75		Residential	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0.00%		
		Agricultural	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0.00%		
		Commercial/Industrial-LT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0.00%		
		Commercial/Industrial-HT	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0.00%		
		Others	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0.00%		
Sub-total			0	0	0	100%	0	0	0	100%	0	0	0	100%	0	0	0.00%		
76	Total	Residential	5396	0	5396	76%	38.0576	0	38.0576	15%	843.0621	33.29	0	33.29	4%	14.3821	11.5133574	12.8788416	111.86%
		Agricultural	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	0	0	0	0.00%
		Commercial/Industrial-LT	1374	0	1374	19%	21.81799	0	21.81799	9%	843.0621	24.64	0	24.64	3%	14.3821	14.5117552	16.0761224	110.78%
		Commercial/Industrial-HT	306	0	306	4%	190.57085	0	190.57085	76%	843.0621	770.73	0	770.73	93%	14.3821	417.977608	417.894013	99.98%
		Others	14	0	14	0%	0.114	0	0.114	0%	843.0621	0.02	0	0.02	0%	14.3821	0.01232447	0.01349037	109.46%
77	At company level		7090	0	7090	100%	250.56044	0	250.56044	100%	843.0621	828.68	0	828.68	100%	14.3821	444.015045	446.862467	100.64%

** 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

Name of Authorised Signatory: Suman Mandal

Name of the DISCOM: Tata Steel UISL

Full Address:- Northern Town, Bistupur, Jamshedpur

Seal

Signature:-

Name of Energy Manager:

Registration Number:

Rahul Kumar
Rahul Kumar
Energy Auditor
EA-30703

Sr. DM (Commercial & Revenue)
Power Services Division
TATA STEEL UISL

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

A. Summary of energy input & Infrastructure

S.No	Parameters	Period From April'21 to March'22	Remarks (Source of data)
A.1	Input Energy purchased (MU)	843.062104	MIS Level Data
A.2	Transmission loss (%)	0%	
A.3	Transmission loss (MU)	0	
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)	843.06	MIS Level Data
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	34	GIS Level Data
A.14	No of feeders at 11KV voltage level	50	GIS Level Data
A.15	No of LT feeders level	511	GIS Level Data
A.16	Line length (ckt. km) at 66KV voltage level	0	GIS Level Data
A.17	Line length (ckt. km) at 33KV voltage level	212	GIS Level Data
A.18	Line length (ckt. km) at 11KV voltage level	349.53	GIS Level Data
A.19	Line length (km) at LT level	290.28	GIS Level Data
A.20	Length of Aerial Bunched Cables	28	
A.21	Length of Underground Cables	823.81	
A.22	HT/LT ratio	1.934442607	GIS Level Data

B. Meter reading of input energy at injection points

S.No	Zone	Circle	Voltage Level (KVA)	Division (KVA)	Sub-Division (KVA)	Feeder ID	Feeder Name	Feeder Metering Status (Metered/ un-metered/ AMI/AMR)	Status of Meter (Functional/Non-functional)	Metering Date	Feeder Type (Agri/ Industrial/Mixed)	Status of Communication			Period from...to...				Sales	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 S.No	CT/PT ratio	Import (MU)	Export (MU)			
B.1	araikele Kharsawa	araikele Kharsawan	132				DVC 132 kv Chandli line 1 and line 2	Metered	Functional	31.03.2022	Industrial	Metered	0		M1-SM100541		399.40			From MIS Level Data	
B.2	araikele Kharsawa	araikele Kharsawan	132				TPCL Jojobera TGS Line 4	Metered	Functional	31.03.2022	Industrial	Metered	0		JS00025		326.11			From MIS Level Data	
B.3	araikele Kharsawa	araikele Kharsawan	33				DVC 33	Metered	Functional	31.03.2022	Industrial	Metered	0		M1-DVCM0236		116.41			From MIS Level Data	
B.4	araikele Kharsawa	araikele Kharsawan	6.6				TSL 6.6 kv	Metered	Functional	31.03.2022	Industrial	Metered	0		JSB26653		1.14			From MIS Level Data	
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Handwritten signature
29/04/2022
Sr. DM (Commercial & Revenue)
Power Services Division
TATA STEEL UISL

Handwritten signature
Rahul Kumar
Energy Auditor
EA-30703

