Annexure C 1

(21)

(18)

BUFF – SHEET

Chief Engineer(P&E & CRA Cell),
BSPTCL, Patna

U.O.I. No. - 385
Dated - 05/10/19

Sub.:- Regarding compliance of BERC Directive 1 against NIT No.:- 37/PR/BSPTCL/2017.

Ref: Your U.O.I No. 59 dated 18.09.2019

Sir,

With reference to above, please find enclosed herewith the report for Supply, installation, testing & commissioning of DLMS compliant 0.2s class ABT type energy meter with implementation of 100% metering, data acquisition and online ABT monitoring for the transmission & sub transmission substations up to 33 KV level, monthly energy accounting and service maintenance for a period of 5 against NIT No.:- 37/PR/BSPTCL/2017 in compliance of BERC Directive 1 for your kind perusal and further needful.

Encl.:- As above

2678/CE(P&E)
05/10/19

Ratan Kumar
05/10/19
(Ratan Kumar)
Chief Engineer (Project – I)
BR

ESE(PMC-II)
05/10/19

SE(T(C&R.M))
05/10/2019.

SE(PMC+C&RC) Sudhanshu
5/10/19

M. Babli, AEE
5/10/19

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Report

Name Of Work -Supply, installation, testing & commissioning of DLMS compliant 0.2s class ABT type energy meter with implementation of 100% metering, data acquisition and online ABT monitoring & AMC for a period of 5 years

NIT No. - 37/PR/BSPTCL/2017

Project Cost (Rs Cr) - 73.06 Cr.

Agency - M/s Secure Meters Ltd

Total no. of GSSs as per order: 96 nos.

Total no. of meters to be installed as per order: 1600 Nos.

Approval for additional 46 nos. of GSS has been accorded hence making total no. of GSSs: 142 nos.

Total no. of meters assessed for 142 nos. of GSS: 1769 Nos.

All ABT meters and Metering Panels have been installed in all 142nos. of GSSs of BSPTCL

Supply Status

S. No.	Item Description	Revised Total Qty	Material Supplied	Balance Material
1.	Energy ABT Meter	1769	1769	-
2.	Metering panel	410	410	-
3.	DCU including GPRS Modem	142	142	-
4.	Licensed Data acquisition software	155	155	-

Work Status

No. of GSSs in which meters have been installed	No. of GSSs commissioned	No. of GSSs Ready for commissioning	Balance no. of GSSs.	No. of GSSs Data Integrated
142 Nos.	140 Nos.	02 Nos.	Nil	121 Nos.

Encl: Energy loss for 68 Nos. of GSSs for the month of September 2019

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Substation wise mismatch report

Month: September-2019

Period from: 01-Sep-2019 to 01-Oct-2019

Name of substation	Input energy MWh	Output energy MWh	Energy mismatch MWh	% of mismatch
Zone: Bhagalpur	Circle: Bhagalpur		Division: Begusarai	
Balia 132 kV GSS	10,868	10,725	143	1.32%
Begusarai 220 kV GSS	1,43,983	1,43,144	839	0.58%
Manjhaul 132 kV GSS	16,337	16,320	18	0.11%
Zone: Bhagalpur	Circle: Bhagalpur		Division: Bhagalpur	
Banka 132 kV GSS	37,349	36,845	505	1.35%
Kahalgaon 132 kV GSS	24,656	24,374	282	1.14%
Sabour 132 kV GSS	61,400	60,766	634	1.03%
Zone: Bhagalpur	Circle: Bhagalpur		Division: Munger	
Jamalpur 132 kV GSS	28,087	27,529	558	1.99%
Tarapur 132 kV GSS	9,902	9,856	45	0.46%
Zone: Bhagalpur	Circle: Purnea		Division: Kishanganj	
Araria 132 kV GSS	15,822	15,540	282	1.78%
Kishanganj 132 kV GSS	19,286	19,046	240	1.25%
Zone: Bhagalpur	Circle: Purnea		Division: Purnea	
Baisi 132 kV GSS	1,539	1,516	23	1.52%
Katihar 132 kV GSS	24,039	23,976	63	0.26%
Manihari 132 kV GSS	4,377	4,328	49	1.12%
Zone: Muzaffarpur	Circle: Darbhanga		Division: Darbhanga	
Benipatti 132 kV GSS	23,348	23,257	91	0.39%
Gangwara 132 kV GSS	27,682	27,568	114	0.41%
Jhanjharpur 132 kV GSS	3,395	3,373	22	0.66%
Kusheshwarsthan 132 kV GSS	13,283	13,094	190	1.43%
Madhubani 132 kV GSS	38,880	38,871	10	0.02%
Pandaul 132 kV GSS	27,615	27,317	299	1.08%
Zone: Muzaffarpur	Circle: Darbhanga		Division: Samastipur	
Dalsingh sarai 132 kV GSS	29,982	29,539	443	1.48%
Zone: Muzaffarpur	Circle: Koshi (Madhepura)		Division: Birpur	
Raghopur 132 kV GSS	4,133	4,066	66	1.61%
Triveniganj 132 kV GSS	9,055	8,996	59	0.66%
Zone: Muzaffarpur	Circle: Koshi (Madhepura)		Division: Madhepura	
Madhepura 220 kV GSS	1,64,128	1,63,816	311	0.19%

Name of substation	Input energy MWh	Output energy MWh	Energy mismatch MWh	% of mismatch
Simri 132 kV GSS	5,357	5,323	34	0.63%
Sonebarsa 132 kV GSS	47,893	47,839	54	0.11%
Supoul 132 kV GSS	32,391	32,200	190	0.59%
Udakishanganj 132 kV GSS	24,797	24,395	403	1.62%
Zone: Muzaffarpur	**Circle: Muzaffarpur**		**Division: Hajipur**	
Samastipur 220 kV GSS	69,396	68,802	595	0.86%
Shahpur Patori 132 kV GSS	5,033	4,948	85	1.69%
Vaishali 132 kV GSS	32,373	31,770	603	1.86%
Zone: Muzaffarpur	**Circle: Muzaffarpur**		**Division: Motihari**	
Areraj 132 kV GSS	23,345	23,310	34	0.15%
Bettiah 132 kV GSS	58,246	57,657	589	1.01%
Chakia 132 kV GSS	12,351	12,310	41	0.33%
Dhaka 132 kV GSS	24,457	24,228	229	0.94%
Pakridayal 132 kV GSS	1,869	1,854	15	0.79%
Raxaul 132 kV GSS	22,214	21,926	287	1.29%
Thakraha 132 kV GSS	93	93		0.43%
Zone: Muzaffarpur	**Circle: Muzaffarpur**		**Division: Muzaffarpur**	
Mahnar 132 kV GSS	4,929	4,876	52	1.06%
Mushahari 220 kV GSS	92,247	91,794	453	0.49%
SKMCH 132 kV GSS	75,092	74,685	408	0.54%
Zone: Muzaffarpur	**Circle: Muzaffarpur**		**Division: Sitamarhi**	
Belsand 132 kV GSS	12,216	12,179	37	0.30%
Pupri 132 kV GSS	9,825	9,674	151	1.54%
Runisaidpur 132 kV GSS	12,264	12,032	232	1.89%
Sheohar 132 kV GSS	14,303	14,183	119	0.83%
Zone: Patna	**Circle: Biharsharif**		**Division: Biharsharif**	
Ekangarsarai 132 kV GSS	26,186	25,704	482	1.84%
Nalanda 132 kV GSS	16,124	16,024	101	0.62%
Zone: Patna	**Circle: Dehri on sone**		**Division: Ara**	
Piro 132 kV GSS	2,837	2,789	48	1.71%
Zone: Patna	**Circle: Dehri on sone**		**Division: Dehri on sone**	
Banjari 132 kV GSS	15,917	15,805	112	0.71%
Bhabhua 132 kV GSS	3,800	3,749	51	1.34%
Ramgarh 132 kV GSS	8,345	8,322	23	0.27%
Zone: Patna	**Circle: Gaya**		**Division: Gaya**	

Name of substation	Input energy MWh	Output energy MWh	Energy mismatch MWh	% of mismatch
Belaganj 132 kV GSS	13,029	12,895	134	1.03%
Bodhgaya 220 kV GSS	1,79,758	1,76,768	2,991	1.66%
Imamganj 132 kV GSS	11,381	11,278	103	0.91%
Sherghati 132 kV GSS	16,023	15,967	56	0.35%
Sonenagar 132 kV GSS	1,10,735	1,10,010	725	0.65%
Sonenagar 220 kV GSS	1,15,200	1,15,061	139	0.12%
Tekari 132 kV GSS	34,583	34,470	114	0.33%
Wazirganj 132 kV GSS	13,616	13,489	127	0.93%
Zone: Patna	Circle: Gaya		Division: Jehnabad	
Hullasganj 132 kV GSS	12,975	12,934	41	0.31%
Jehanabad 132 kV GSS	26,192	25,718	473	1.81%
Tehata 132 kV GSS	9,726	9,609	118	1.21%
Zone: Patna	Circle: Patna		Division: Khagaul	
Bihta 132 kV GSS	56,403	55,463	940	1.67%
Gaighat 132 kV GSS	40,000	39,388	612	1.53%
Mithapur 132 kV GSS	24,575	24,337	238	0.97%
Zone: Patna	Circle: Patna		Division: Patna	
Barh 132 kV GSS	17,169	16,962	206	1.20%
Hathidah 132 kV GSS	16,527	16,517	11	0.07%
Jakkanpur 132 kV GSS	66,927	65,948	979	1.46%
Masaurhi 132 kV GSS	17,822	17,637	186	1.04%

Annexure C2

C2

Bihar State Power Transmission Company Ltd., Patna

A subsidiary company of Bihar State Power (Holding) Company Ltd., Patna
CIN – U40102BR2012SGC018889
[SAVE ENERGY FOR BENEFIT OF SELF AND NATION]
Head Office, Vidyut Bhawan, Bailey Road, Patna – 800021,
E-mail address – cetransom.bsptcl@gmail.com, Website –www.bsptcl.in

U.O.I. no. 432
DATE- 23/10/2019

BUFFSHEET

Chief Engineer (Comm. & Regul. Cell)

Sub: Regarding submission of Energy Data for 2nd quarter (Q2)for BSPTCL.

Reference: 1. BERC Letter No. 1174 dated 27.09.2019
2. U.O.I. No. 66 dated 05.10.2019 of CE (Comm. & Regul. Cell)
3. U.O.I. No. 55 dated 05.09.2019 of CE (Comm. & Regul. Cell)

Sir,

Please find enclosed herewith energy loss data for 2nd quarter (Q2) in the prescribed format for further needful.

Encl: As above.

22/10/19
(Shankar Kumar)
Chief Engineer, Trans. (O&M)
BSPTCL, Patna

226(ERA)
23/10/2019

EE/PSE-II
23/10/19

EE(PME+CORC) Sudhir
23/10/19

Transmission loss of BSPTCL				
A	**Total losses in the Transmission system**	June'19	July'19	August'19
1	Total energy delivered by CTU/ Inter state tie link/ Transmission licence at the interface point of intra-state Transmission System	3344355.38	3221390.72	3669186.19
2	Sum of all Energy delivered by the Transmission system to CTU/consumer/ state distribution system	3262509.26	3139840.34	3574146.70
3	33KV Auxiliary consumption in System (SST)	450.60	469.02	484.75
4	Transmission loss in System (A1-A2-A3)	81395.52	81081.36	94554.74
5	**Transmission loss in (Transco) System (%) [A4/A1*100]**	2.43382	2.51697	2.57699

Transmission loss for month August' 2019 of BSPTCL

220KV Level OU		132KV level OU		Energy at 33 kv level		
Energy Export at 220 kv level at Remote end (CTU/OU), received by BSPTCL (in MWH)	Energy Import at 220 kv level at remote end (CTU/OU), send by BSPTCL (in MWH)	Energy Export at 132 kv level at Remote end (CTU/OU/Consumer), received by BSPTCL (in MWH)	Energy Import at 132 kv level at remote end (CTU/OU/Consumer), send by BSPTCL (in MWH)	SST Consumption (in MWH)	Import from hydle, Rice Mill, Solar (in MWH)	Export to PSS, Solar, Hydle, Railway, Rice Mill (in MWH)
2491408.62	279004.21	1166982.90	263705.75	484.75	10794.67	3031436.74

220 import from OU	2491408.62	A
220 Export to OU	279004.21	B
Net 220 in System	2212404.41	C= A-B
132 KV Import from OU	1166982.90	D
132 KV Export to OU	263705.75	E
Net 132 KV in System	903277.16	F= D-E
33 KV import in system	10794.67	G
33 KV SST Aux. Consumotion	484.75	H
total power in system	3126476.24	I= C+F+G
total 33 KV	3031436.74	J
Loss	94554.74	K= I-J-H
% loss	2.576994985	L = K/(A+D+G)*100

Note:-
1. All readings are in MWH.
2. OU Stand for Other Utility.
3. Energy reading taken of other(Remote) end, where line is ownered by BSPTCL.
4. Energy reading taken of BSPTCL(Local) end, where line is ownered by, other trans. Utilities.
5. In Patna(PG) reading of ICT-I,II&III has been taken which is availed by Gaurichak, Fatuha, & Khagaul
6. In Gaya(PG) reading of ICT-I,II&III has been taken which is availed by Dehri, Sonenagar, Bodhgaya & Khizirsarai(BGCL) in which reaading of Khizirsarai(BGCL) is subtracted for Transmission loss calculation of BSPTCL.
7. In Darbhanga(DMTCL) reading of ICT-I&II has been taken which is availed by Motipur, Darbhanga(new), Laukahi & Samastipur(new)
8. GSS having 33KV export is 0(zero), are cherged on no load.
9. Meter connection are applied for those GSS in which SST consumption is 0(zero).

Transmission loss for month August'2019 of BSPTCL		
GSS power received/Send, from/to, CTU/ Other Utility	220KV Level OU	
	Energy Export at 220 kv level at Remote end (CTU/OU), received by BSPTCL (in MWH)	Energy Import at 220 kv level at remote end (CTU/OU), send by BSPTCL (in MWH)
Gaurichak(Patna PG)	466714.00	0.00
Fatuha (Patna PG)		0.00
Khagaul(Patna PG)		0.00
Khagaul(Ara (PG)	0.00	40807.94
Khagaul(Patna PG U BGCL)	91631.68	0.00
Dehri-on-Son(Pusauli PG)	40254.54	0.00
Dehri-on-Son(GAYA PG)	439042.00	0.00
Sonenagar (Gaya PG)		0.00
Bodhgaya(Gaya PG)		0.00
Bodhgaya(K' Sarai BGCL)	853.00	0.00
Pusauli (Pusauli PG)	82865.17	0.00
Pusauli (Ara PG)	0.00	14552.27
Biharsarif (B'SarifPG)	316064.80	0.00
Biharsarif (K'Sarai BGCL)	0.00	60620.00
Biharsarif (TTPS)	107519.10	0.00
Biharsarif (BTPS)	0.00	32720.00
Begusarai Purnea(PG)	59695.94	0.00
Kishanganj 220	181509.06	0.00
Hajipur (Amnour BGCL)	0.00	130104.00
Hajipur 220 (BTPS NTPC)	27860.00	200.00
Hajipur 220 (Kafeen PG)	166489.62	0.00
Motipur (MTPS)	55175.00	0.00
Motipur (DMTCL)	250030.79	0.00
Darbhanga 220 (DMTCL)		0.00
Laukahi (DMTCL)		0.00
Samastipur 220 (DMTCL)		0.00
Samastipur 220 (MTPS)	6400.00	0.00
Gopalganj(MTPS)	116370.00	0.00
Madhepura (Purnea PG)	82933.92	0.00
Total	2491408.62	279004.21

Transmission loss for month August'2019 of BSPTCL		
GSS power received/Send, from/to, CTU/ Other Utility	132KV level OU	
	Energy Export at 132 kv level at Remote end (CTU/OU/Consumer), received by BSPTCL (in MWH)	Energy Import at 132 kv level at remote end (CTU/OU/Consumer) , send by BSPTCL (in MWH)
Hathidah (TSS)	0.00	2828.00
Fatuha(TSS)	0.00	4856.00
Khagaul 220/132/33 KV(TSS)	0.00	3231.84
Banjari 132/33 KV(KCL)	0.00	4635.20
Aurangabad (SHREE CEMENT)	0.00	10109.20
Sonenagar (Rihand)	0.00	0.00
Sonnagar (Japla)	0.00	19589.62
Sonenagar (TSS)	0.00	2556.83
Rafiganj (TSS)	0.00	4184.70
Rafiganj (Alfa Solar)	2746.00	24.00
Arrah (TSS)	0.00	1208.93
Arrah (PG)	113192.10	
Jagdishpur (Ara PG)		
Dumraon (Ara PG)		
Dumraon (TSS)	0.00	2436.60
Karmnasa (Chnd, Sahpr)	0.00	15.04
Karmnasa (Kudra TSS)	0.00	0.00
Kudra (Pusauli PG)	0.00	20120.80
Pusauli (Kudra TSS)	0.00	27599.00
Mohaniya (Pusauli PG)	18833.89	0.00
Bodhgaya (TSS)	0.00	2678.49
Bodhgaya (BGCL)	18241.00	511.00
Sherghati (Solar)	3123.09	19.64
Wazirganj (BGCL)	14885.00	0.00
Jahanabad (TSS)	0.00	2161.68
Hulasganj (BGCL)	16304.00	0.00
Biharsharif (132 BGCL)	1033.00	1402.00
Nalanda (Barhi)	0.00	0.00
Nawada (BGCL)	51547.90	0.00
Rajgir (Barhi)	0.00	0.00
Rajgir (Ord. Factory)	0.00	287.50
Shiekhpura (BGCL)	5230.00	0.00
Sabour(BGCL)	0.00	0.00
Sabour(NTPC)	2802.00	0.00
Sabour (Banka PG)	170524.45	
Banka 132/33(Banka PG)		
Sultanganj (Banka PG)		
Sultanganj (Jamalpur BGCL)	0.00	35861.00
Sultanganj (G' Dih BGCL)	0.00	5076.00
Sultanganj (Deoghar)	0.00	16.42
Kahalgaon (NTPC)	29430.60	0.00
Kahalgaon (Lalmatiya)	0.00	17167.10
Naugachhia 132/33(BTPS)	228.00	496.00
Jamalpur 132/33(BGCL)	42239.10	0.00
Jamui (TSS)	0.00	1606.56

Jamui (Lakhisarai PG)	110461.52	
Lakhisarai (Lakhisarai PG)		
Lakhisarai (TSS)	0.00	4516.71
Lakhisarai (BGCL)	0.00	6017.00
Begusarai(BTPS)	0.00	22087.00
Khagaria (BTPS)	23763.96	0.00
Khagaria (TSS)	0.00	1740.44
Purnea (Purnea PG)	150158.12	
Kisanganj (Purnea PG)		
Baisi 132/33(Dalkola)	3081.20	0.00
Samastipur (TSS)	0.00	1031.00
Samastipur 132/33 (KBUNL)	131277.00	
Muzaffarpur 132/33(KBUNL)		
SKMCH 132/33 KV(KBUNL)		
Motipur 220/132/33(KBUNL)		
Motipur (TSS)	15.00	1445.00
Hajipur (TSS)	0.00	1064.96
Vaishali (BRF)	0.00	3100.80
Dalsingh Sarai(TSS)	0.00	2920.00
Rosera(Sugar Mill)	0.00	91.21
Motihari(Sugauli Sugar Mill)	0.07	58.14
132/33 Motihari(DMTCL)	143127.25	
132/33 Betiah(DMTCL)		
132/33 Raxaul(DMTCL)		
132/33 Raxaul(PARWANIPUR)	836.00	16344.00
Ramnagar (BHPC)	1733.16	1767.36
Ramnagar (Sugar Mill)	0.00	605.61
Chapra (BGCL)	60226.50	0.00
Chapra (TSS)	0.00	1762.92
Sheetalpur 132/33 KV	0.00	1598.40
132/33 MASHRAKH(DLF)	0.00	329.60
Gopalganj KV(SUGAR MILL)	0.00	107.00
Siwan 132/33 KV(BGCL)	47907.00	0.00
Siwan 132/33 KV(TSS)	0.00	1454.55
Madhepura(RAILWAY FAC)	0.00	645.90
Kataiya 132/33 KV	3986.00	24339.00
Total	**1166982.90**	**263705.75**

Transmission loss for month August'2019 of BSPTCL			
GSS power received/Send, from/to, PSS, Solar, Rice Mill, Hydle	Energy at 33 kv level		
	SST Consumption (in MWH)	Import from hydle, Rice Mill, Solar (in MWH)	Export to PSS, Solar, Hydle, Railway, Rice Mill (in MWH)
Katra 132/33	10.42	0.00	56437.61
Gaurichak 220/132/33 KV	0.00	0.00	33806.40
Masaudhi 132/33	8.15	0.00	22005.00
Gaighat 132/33	4.00	0.00	46075.28
Mithapur 132/33	5.32	0.00	31288.31
Barh 132/33	0.00	0.10	17607.27
Hathidah 132/33	0.00	0.00	14332.00
Fatuha	0.00	0.00	45531.39
Jakkanpur 132/33	0.92	0.00	56743.93
Karbigahia 132/33	7.81	0.00	41854.00
Digha (old) 132/33	0.00	0.00	49746.73
Bihta(old) 132/33	3.68	0.00	62367.50
Bihta New 220/132/33 KV	0.00	0.00	0.00
Khagaul 220/132/33 KV	0.00	0.00	89079.52
Dehri 220/132/33 KV	0.00	543.77	26829.45
Banjari 132/33 KV	0.00	0.00	15704.20
Bikramganj 132/33 KV	13.17	0.00	28518.60
Sasaram 132/33 KV	0.00	0.00	25252.28
Kochas 132/33 KV	4.65	0.00	17247.90
Aurangabad 132/33 KV	0.00	0.00	35075.70
Goh 132/33 KV	0.00	0.00	13058.00
Sonenagar 132/33 KV	0.00	0.00	27411.62
Sonenagar 220/132/33 KV	0.00	0.00	96.00
Rafiganj 132/33 KV	0.00	0.00	17527.20
Arrah 132/33 KV	0.00	0.00	43083.63
Buxer 132/33 KV	0.00	67.05	25274.52
Jagdishpur 132/33 KV	8.12	0.50	28721.50
Piro 132/33 KV	0.00	0.00	7855.00
Dumraon 132/33 KV	20.72	0.00	34255.00
Karmnasa 132/33 KV	0.00	0.00	20557.96
Ramgarh 132/33 KV	0.00	0.00	10819.00
Bhabhua 132/33 KV	0.00	0.00	5712.24
Kudra 132/33 KV	5.30	0.00	10919.00
Pusauli 220/132/33 KV	0.00	0.00	6844.60
Mohaniya 132/33 KV	0.00	0.00	19499.20
Bodhgaya 220/132/33 KV	0.00	0.00	44886.83
Sherghati 132/33	0.00	3035.40	15492.40
Wazirganj 132/33 KV	0.00	0.00	14628.00
Imamganj 132/33 KV	1.20	0.00	12816.60
Chandauti 132/33	4.56	0.00	52246.80
Belaganj 132/33 KV	0.00	0.00	12940.00
Tekari 132/33 KV	9.30	0.00	15320.60
Jahanabad 132/33	3.10	0.00	27517.38
Tehta 132/33 KV	0.00	0.00	10233.60
Hulasganj 132/33	0.00	0.00	15603.50

Ataulah 132/33	8.53	0.00	27839.20
Biharsharif	0.00	0.00	342.20
Nalanda 132/33	6.12	0.00	18237.80
Ekangarsarai 132/33	0.00	0.00	29904.00
Harnaut 132/33	0.00	0.00	28127.80
Baripahari 132/33	8.90	0.00	51077.40
Nawada 132/33	9.79	1651.00	40300.97
Warsaliganj 132/33	0.00	0.00	15271.50
Rajgir 132/33	0.00	0.00	20634.00
Shiekhpura 132/33	7.53	0.00	26719.50
Sabour 132/33	0.00	0.00	46642.20
Sultanganj 132/33	0.00	0.00	28535.70
Kahalgaon 132/33	13.59	0.00	25206.30
Banka 132/33	0.00	3036.67	23513.54
BANKA NEW 132/33 KV	0.00	0.00	7348.00
Naugachhia 132/33	0.00	0.00	18300.00
Jamalpur 132/33	1.88	0.00	30559.50
Tarapur 132/33	0.00	0.00	10738.00
Jamui 132/33	0.00	0.00	34466.96
Jamui (new)	0.00	0.00	8786.20
Lakhisarai 132/33	0.00	0.00	28983.55
Begusarai	0.00	0.00	35631.50
Balaia 132/33	1.74	0.00	11554.00
Manjhaul 132/33	8.87	0.00	15875.50
Teghra 132/33 KV	0.00	0.00	644.00
Khagaria 132/33	0.00	0.00	26783.60
Bakhri 132/33	0.00	0.00	2610.20
Purnea 132/33	0.00	0.00	50539.80
Damdaha 132/33	6.72	0.00	7938.50
Banmankhi 132/33	3.88	0.00	10962.50
Barsoi 132/33	0.00	0.00	10661.80
Manihari 132/33	0.00	0.00	5246.00
Katihar 132/33	0.00	0.00	25529.30
Baisi 132/33	12.54	0.00	3081.00
Kisanganj220/132/33	6.43	0.00	8738.80
Kisanganj 132/33	16.00	0.00	22273.33
Forbisganj 132/33	0.00	0.00	28683.15
Araria 132/33	2.36	0.00	14469.50
Muzaffarpur 132/33	11.30	0.00	53672.80
SKMCH 132/33 KV	9.11	0.00	44084.00
Motipur 220/132/33 KV	0.00	0.00	13276.10
Mushahari 220/132/33	6.20	0.00	16688.00
Sitamari 132/33	8.41	0.00	35276.82
Runnisaidpur 132/33	3.13	0.00	11711.28
Belsand 132/33	0.00	0.00	2540.50
Pupri 132/33	0.00	0.00	13537.00
Sheohar 132/33	0.00	0.00	12971.00
Hajipur 220 KV	9.20	0.00	0.00
Hajipur132/33	6.80	0.00	44368.21
Vaishali 132/33	5.80	0.00	26423.38

Jandaha	3.27	0.00	24405.60
Mahnar	0.00	0.00	6007.50
Samastipur 132/33	2.43	0.00	38749.39
Samastipur new220/132/33	6.47	0.00	4821.00
Sahpurpatori 132/33 KV	0.00	0.00	4679.50
Dalsinghsarai	8.30	0.00	16912.51
Rosera	0.00	0.00	12116.00
Darbhanga (220)	0.00	0.00	0.00
Darbhanga 132/33	11.30	0.00	15321.90
Gangwara 132/33	16.61	0.00	31716.00
Kusheshwarsthan 132/33	0.00	0.00	13506.20
Madhubani	0.00	0.00	15228.82
Pandaul	0.00	0.00	21565.93
Jainagar	0.00	0.00	13460.68
Benipatti	2.31	0.00	11168.00
Phulparas	0.00	0.00	13804.00
Jhanjarpur	0.00	0.00	3707.60
Laukhai	0.00	0.00	4874.40
132/33 Motihari	18.29	0.00	35743.94
132/33 Dhaka	11.00	0.00	23476.53
132/33 Pakdidyal	0.00	0.00	1931.60
Chakiya	8.00	0.00	14216.40
132/33 Raxaul	6.70	0.00	20413.50
Areraj 132/33 KV	0.00	0.00	11679.40
132/33 Betiah	0.00	0.00	31851.45
132/33 Ramnagar	8.42	1074.58	27532.38
132/33 Narkatiyaganj	0.00	0.00	7599.80
132/33 Thakara	4.90	1385.80	1067.40
Chapra 132/33 KV	0.00	0.00	26908.42
Sheetalpur 132/33 KV	8.82	0.00	15281.89
132/33 MASHRAKH	0.00	0.00	16272.56
Ekma 132/33 KV	3.49	0.00	10235.18
Gopalganj 132/33 KV	3.24	0.00	44335.20
Hathua 132/33 KV	7.87	0.00	15719.20
Siwan 132/33 KV	14.20	0.00	43978.96
Raghunathpur 132/33 KV	0.00	0.00	13271.60
Maharajganj 132/33 KV	3.44	0.00	13012.60
Madhepura	0.00	0.00	20238.40
Udakisanganj	12.62	0.00	17382.97
Sahrsa 132/33 KV	9.04	0.00	21208.10
Sonbrsha	3.50	0.00	8882.80
Simri Bakhtiyarpur132/33 KV	0.00	0.00	5707.40
Raghopur 132/33 KV	0.00	0.00	6468.00
Supaul 132/33 KV	13.81	0.00	19778.18
Kataiya 132/33 KV	6.07	0.00	10875.73
Nirmali 132/33 KV	2.26	0.00	3091.00
Triveniganj	3.12	0.00	5102.00
Total	484.75	10794.86	3031436.74

Transmission loss for month July'2019 of BSPTCL						
220KV Level OU		132KV level OU		Energy at 33 kv level		
Energy Export at 220 kv level at Remote end (CTU/OU), received by BSPTCL (in MWH)	Energy Import at 220 kv level at remote end (CTU/OU), send by BSPTCL (in MWH)	Energy Export at 132 kv level at Remote end (CTU/OU/Consumer), received by BSPTCL (in MWH)	Energy Import at 132 kv level at remote end (CTU/OU/Consumer), send by BSPTCL (in MWH)	SST Consumption (in MWH)	Import from hydle, Rice Mill, Solar (in MWH)	Export to PSS, Solar, Hydle, Railway, Rice Mill (in MWH)
2188210.57	228297.39	1023259.16	253866.26	469.02	9920.98	2657676.68

220 import from OU	2188210.57	A
220 Export to OU	228297.39	B
Net 220 in System	1959913.18	C= A-B
132 KV Import from OU	1023259.16	D
132 KV Export to OU	253866.26	E
Net 132 KV in System	769392.90	F= D-E
33 KV import in system	9920.98	G
33 KV SST Aux. Consumotion	469.02	H
total power in system	2739227.07	I= C+F+G
total 33 KV	2657676.68	J
Loss	81081.36	K= I-J-H
% loss	2.51696764	L = K/(A+D+G)*100

Note:-
1. All readings are in MWH.
2. OU Stand for Other Utility.
3. Energy reading taken of other(Remote) end, where line is owned by BSPTCL.
4. Energy reading taken of BSPTCL(Local) end, where line is owned by, other trans. Utilities.
5. In Patna(PG) reading of ICT-I,II&III has been taken which is availed by Gaurichak, Fatuha, & Khagaul
6. In Gaya(PG) reading of ICT-I,II&III has been taken which is availed by Dehri, Sonenagar, Bodhgaya & Khizirsarai(BGCL) in which reaading of Khizirsarai(BGCL) is subtracted for Transmission loss calculation of BSPTCL.
7. In Darbhanga(DMTCL) reading of ICT-I&II has been taken which is availed by Motipur, Darbhanga(new), Laukahi & Samastipur(new)
8. GSS having 33KV export is 0(zero), are cherged on no load.
9. Meter connection are applied for those GSS in which SST consumption is 0(zero).

Transmission loss for month July'2019 of BSPTCL		
GSS power received/Send, from/to, CTU/ Other Utility	220KV Level OU	
	Energy Export at 220 kv level at Remote end (CTU/OU), received by BSPTCL (in MWH)	Energy Import at 220 kv level at remote end (CTU/OU), send by BSPTCL (in MWH)
Gaurichak(Patna PG)	470278.31	
Fatuha (Patna PG)		
Khagaul(Patna PG)		
Khagaul(Ara (PG)		58.00
Khagaul(Patna PG U BGCL)		
Dehri-on-Son(Pusauli PG)	22408.58	
Dehri-on-Son(GAYA PG)	415952.04	
Sonenagar (Gaya PG)		
Bodhgaya(Gaya PG)		
Bodhgaya(K' Sarai BGCL)	2592.00	1030.00
Pusauli (Pusauli PG)	99939.22	
Pusauli (Ara PG)		40184.21
Biharsarif (B'SarifPG)	271410.83	
Biharsarif (K'Sarai BGCL)	2438.00	45577.98
Biharsarif (TTPS)	99669.61	
Biharsarif (BTPS)		33497.00
Begusarai Purnea(PG)	96707.00	
Kishanganj 220	181883.00	
Hajipur (Amnour BGCL)		104615.00
Hajipur 220 (BTPS NTPC)	27810.00	18.20
Hajipur 220 (Kafeen PG)	138742.00	
Motipur (MTPS)	40931.00	
Motipur (DMTCL)	160008.00	
Darbhanga 220 (DMTCL)		
Laukahi (DMTCL)		
Samastipur 220 (DMTCL)		
Samastipur 220 (MTPS)	6283.00	3317.00
Gopalganj(MTPS)	90936.00	
Madhepura (Purnea PG)	60222.00	
Total	**2188210.57**	**228297.39**

Transmission loss for month July'2019 of BSPTCL		
GSS power received/Send, from/to, CTU/ Other Utility	132KV level OU	
	Energy Export at 132 kv level at Remote end (CTU/OU/Consumer), received by BSPTCL (in MWH)	Energy Import at 132 kv level at remote end (CTU/OU/Consumer), send by BSPTCL (in MWH)
Hathidah (TSS)		0.00
Fatuha(TSS)		4681.20
Khagaul 220/132/33 KV(TSS)		3179.52
Banjari 132/33 KV(KCL)		3571.60
Aurangabad (SHREE CEMENT)		9430.90
Sonenagar (Rihand)		17773.43
Sonenagar (TSS)		2500.57
Rafiganj (TSS)		4004.20
Rafiganj (Alfa Solar)	2562.00	22.00
Arrah (TSS)		1314.00
Arrah (PG)	91475.09	
Jagdishpur (Ara PG)		
Dumraon (Ara PG)		
Dumraon (TSS)		2429.40
Karmnasa (Chnd, Sahpr)	151.36	13.50
Karmnasa (Kudra TSS)	683.00	31.00
Kudra (Pusauli PG)		22939.42
Pusauli (Kudra TSS)		26606.00
Mohaniya (Pusauli PG)	21764.45	
Bodhgaya (TSS)		2774.56
Bodhgaya (BGCL)	15301.00	672.00
Sherghati (Solar)	3029.96	20.20
Wazirganj (BGCL)	8937.00	
Jahanabad (TSS)		2119.63
Hulasganj (BGCL)	14227.01	
Biharsharif (132 BGCL)	7030.60	404.30
Nalanda (Barhi)		153.60
Nawada (BGCL)	33635.50	8.50
Rajgir (Barhi)	0.00	
Rajgir (Ord. Factory)		253.50
Shiekhpura (BGCL)	6006.00	
Sabour(BGCL)		4281.60
Sabour(NTPC)	29911.80	
Sabour (Banka PG)	107689.00	
Banka 132/33(Banka PG)		
Sultanganj (Banka PG)		
Sultanganj (Jamalpur BGCL)		26585.00
Sultanganj (G' Dih BGCL)	710.00	5374.00
Sultanganj (Deoghar)		23.14
Kahalgaon (NTPC)	34158.00	
Kahalgaon (Lalmatiya)		13425.61
Naugachhia 132/33(BTPS)	0.00	0.00
Jamalpur 132/33(BGCL)	35424.20	
Jamui (TSS)		2706.72
Jamui (Lakhisarai PG)	106226.68	
Lakhisarai (Lakhisarai PG)		
Lakhisarai (TSS)		4357.32
Lakhisarai (BGCL)		14816.00
Begusarai(BTPS)		28168.00
Khagaria (BTPS)	21524.00	

Purnea (Purnea PG)	116063.57	
Kisanganj (Purnea PG)		
Baisi 132/33(Dalkola)	3213.93	
Samastipur (TSS)		948.00
Samastipur 132/33 (KBUNL)	119214.00	
Muzaffarpur 132/33(KBUNL)		
SKMCH 132/33 KV(KBUNL)		
Motipur 220/132/33(KBUNL)		
Motipur (TSS)		651.00
Hajipur (TSS)		1056.92
Vaishali (BRF)		1372.80
Dalsingh Sarai(TSS)		2720.00
Rosera(Sugar Mill)		105.20
Motihari(Sugauli Sugar Mill)		60.14
132/33 Motihari(DMTCL)	115436.75	
132/33 Betiah(DMTCL)		
132/33 Raxaul(DMTCL)		
132/33 Raxaul(PARWANIPUR)	2962.00	12442.00
Ramnagar (BHPC)	9196.56	1383.65
Ramnagar (Sugar Mill)	0.00	598.07
Chapra (BGCL)	49074.00	
Chapra (TSS)		1714.81
Sheetalpur 132/33 KV		3326.40
132/33 MASHRAKH(DLF)		221.40
Gopalganj KV(SUGAR MILL)		128.90
Siwan 132/33 KV(BGCL)	39865.40	
Siwan 132/33 KV(TSS)		1486.95
Madhepura(RAILWAY FAC)		583.50
Kataiya 132/33 KV	27776.32	18790.48
Total	**1023259.16**	**253866.26**

Transmission loss for month July'2019 of BSPTCL

GSS power received/Send, from/to, PSS, Solar, Rice Mill, Hydle	Energy at 33 kv level		
	SST Consumption (in MWH)	Import from hydle, Rice Mill, Solar (in MWH)	Export to PSS, Solar, Hydle, Railway, Rice Mill (in MWH)
Katra 132/33	8.41	0.00	57381.80
Gaurichak 220/132/33 KV	0.00	0.00	28496.40
Masaudhi 132/33	7.83	0.00	16970.00
Gaighat 132/33	3.00	0.00	45680.57
Mithapur 132/33	4.86	0.00	28397.83
Barh 132/33	0.00	0.00	15751.51
Hathidah 132/33	0.00	0.00	12970.00
Fatuha	0.00	0.00	42828.53
Jakkanpur 132/33	0.87	0.00	55630.08
Karbigahia 132/33	7.29	0.00	42890.00
Digha (old) 132/33	0.00	0.00	49000.34
Bihta(old) 132/33	3.52	0.00	54707.80
Bihta New 220/132/33 KV	0.00	0.00	0.00
Khagaul 220/132/33 KV	0.00	0.00	82523.81
Dehri 220/132/33 KV	0.00	299.47	27055.50
Banjari 132/33 KV	0.00	0.00	12205.66
Bikramganj 132/33 KV	12.96	0.00	26267.80
Sasaram 132/33 KV	0.00	0.00	25579.08
Kochas 132/33 KV	4.57	0.00	15610.20
Aurangabad 132/33 KV	0.00	0.00	30845.90
Goh 132/33 KV	0.00	0.00	9355.00
Sonenagar 132/33 KV	0.00	495.90	25416.85
Sonenagar 220/132/33 KV	0.00	0.00	0.00
Rafiganj 132/33 KV	0.00	0.00	15265.00
Arrah 132/33 KV	0.00	0.00	37135.07
Buxer 132/33 KV	0.00	194.85	23137.38
Jagdishpur 132/33 KV	7.10	0.00	23054.50
Piro 132/33 KV	0.00	0.00	6311.00
Dumraon 132/33 KV	16.97	0.00	25241.00
Karmnasa 132/33 KV	0.00	0.00	20082.64
Ramgarh 132/33 KV	0.00	0.00	10278.00
Bhabhua 132/33 KV	0.00	0.00	3541.36
Kudra 132/33 KV	0.00	0.00	11787.00
Pusauli 220/132/33 KV	0.00	0.00	5076.60
Mohaniya 132/33 KV	0.00	0.00	19322.60
Bodhgaya 220/132/33 KV	0.00	0.00	40963.19
Sherghati 132/33	0.00	2969.70	13316.00
Wazirganj 132/33 KV	0.00	0.00	11826.00
Imamganj 132/33 KV	0.09	0.00	11359.20
Chandauti 132/33	4.32	0.00	51972.80
Belaganj 132/33 KV	0.00	0.00	10278.90
Tekari 132/33 KV	9.20	0.00	13452.40
Jahanabad 132/33	0.00	0.00	21982.63
Tehta 132/33 KV	0.00	0.00	9169.60
Hulasganj 132/33	0.00	0.00	13558.20
Ataulah 132/33	9.37	0.00	22795.40
Biharsharif	0.00	0.00	4.10
Nalanda 132/33	5.63	0.00	16831.00
Ekangarsarai 132/33	0.00	0.00	23654.00
Harnaut 132/33	0.00	0.00	25143.20

Nawada 132/33	10.70	1543.87	31742.87
Warsaliganj 132/33	0.00	0.00	11804.00
Rajgir 132/33	0.00	0.00	15824.00
Shi hpura 132/33	7.89	0.00	20176.00
Sabour 132/33	0.00	0.00	45421.70
Sultanganj 132/33	0.00	0.00	22750.40
Kahalgaon 132/33	14.56	0.00	20699.70
Banka 132/33	0.00	2506.14	20063.16
BANKA NEW 132/33 KV	0.00	0.00	4517.60
Naugachhia 132/33	0.00	0.00	15708.80
Jamalpur 132/33	1.74	0.00	29486.70
Tarapur 132/33	0.00	0.00	8435.00
Jamui 132/33	0.00	0.00	27682.44
Jamui (new)	0.00	0.00	6783.00
Lakhisarai 132/33	0.00	0.00	25306.93
Begusarai	0.00	0.00	34403.00
Balaia 132/33	1.43	0.00	13036.50
Manjhaul 132/33	9.23	0.00	14713.50
Teghra 132/33 KV	0.00	0.00	578.00
Khagaria 132/33	0.00	0.00	24417.50
Bakhri 132/33	0.00	0.00	1975.80
Purnea 132/33		0.00	50864.90
Damdaha 132/33	6.89	0.00	764.20
Banmankhi 132/33	3.75	0.00	9104.00
Barsoi 132/33	0.00	0.00	7114.00
Manihari 132/33	0.00	0.00	4130.00
Katihar 132/33	0.00	0.00	23945.20
Baisi 132/33	13.00	0.00	1638.00
Kisanganj220/132/33	6.59	0.00	5904.80
Kisanganj 132/33	0.00	0.00	18879.81
Forbisganj 132/33	0.00	0.00	23792.30
Araria 132/33	2.34	0.00	11914.83
Muzaffarpur 132/33	0.00	0.00	45146.50
SKMCH 132/33 KV	8.41	0.00	39649.60
Motipur 220/132/33 KV	0.00	0.00	11217.00
Mushahari 220/132/33	7.43	0.00	14752.00
Sitamari 132/33	8.23	0.00	29589.78
Runnisaidpur 132/33	2.47	0.00	9380.52
Belsand 132/33	0.00	0.00	2144.50
Pupri 132/33	0.00	0.00	10433.00
Sheohar 132/33	0.00	0.00	9086.50
Hajipur 220 KV	8.91	0.00	0.00
Hajipur132/33	0.00	0.00	43126.71
Vaishali 132/33	1.00	0.00	22945.32
Jandaha	3.20	0.00	22635.10
Mahnar	0.00	0.00	5515.50
Samastipur 132/33	0.01	0.00	31032.52
Samastipur new220/132/33	17.82	0.00	3641.82
Sahpurpatori 132/33 KV	0.00	0.00	246.00
Dalsinghsarai	0.00	0.00	17602.12
Rosera	0.00	0.00	9721.00
Darbhanga (220)	8.79	0.00	0.00
Darbhanga 132/33	0.00	0.00	16635.00
Gangwara 132/33	13.74	0.00	30088.54
Kusheshwarsthan 132/33	0.00	0.00	11056.92

Jainagar	0.00	0.00	11034.01
Benipatti	7.73	0.00	9831.23
Phulparas	0.00	0.00	11927.13
Jha arpur	0.00	0.00	3234.20
Laukhai	0.00	0.00	2451.10
132/33 Motihari	25.59	0.00	29479.26
132/33 Dhaka	11.08	0.00	17121.72
132/33 Pakdidyal	0.00	0.00	1631.20
Chakiya	8.00	0.00	10432.00
132/33 Raxaul	7.64	0.00	17757.23
Areraj 132/33 KV	0.00	0.00	8388.00
132/33 Betiah	0.00	0.00	26597.02
132/33 Ramnagar	10.06	680.66	23516.79
132/33 Narkatiyaganj	0.00	0.00	6206.80
132/33 Thakara	4.80	1230.40	949.20
Chapra 132/33 KV	0.00	0.00	27137.92
Sheetalpur 132/33 KV	11.20	0.00	12430.31
132/33 MASHRAKH	0.00	0.00	13939.01
Ekma 132/33 KV	4.42	0.00	7821.90
Gopalganj 132/33 KV	34.20	0.00	37484.08
Hathua 132/33 KV	5.92	0.00	12992.80
Siwan 132/33 KV	13.93	0.00	35001.17
Raghunathpur 132/33 KV	0.00	0.00	10266.40
Maharajganj 132/33 KV	4.16	0.00	11730.60
Madhepura	7.50	0.00	17506.00
Udakisanganj	15.09	0.00	15001.28
Sahrsa 132/33 KV	7.65	0.00	18258.80
Sonbrsha	0.00	0.00	7291.40
Simri Bakhtiyarpur132/33 KV	1.30	0.00	5958.20
Raghopur 132/33 KV	0.00	0.00	5461.00
Supaul 132/33 KV	13.81	0.00	17147.74
Kataiya 132/33 KV	6.76	0.00	8908.42
Nirmali 132/33 KV	1.69	0.00	2310.00
Triveniganj	2.38	0.00	2696.00
Total	**469.02**	**9920.98**	**2657676.68**

Transmission loss for month June'2019 of BSPTCL

220KV Level OU		132KV level OU		Energy at 33 kv level		
Energy Export at 220 kv level at Remote end (CTU/OU), received by BSPTCL (in MWH)	Energy Import at 220 kv level at remote end (CTU/OU), send by BSPTCL (in MWH)	Energy Export at 132 kv level at Remote end (CTU/OU/Consumer), received by BSPTCL (in MWH)	Energy Import at 132 kv level at remote end (CTU/OU/Consumer), send by BSPTCL (in MWH)	SST Consumption (in MWH)	Import from hydle, Rice Mill, Solar (in MWH)	Export to PSS, Solar, Hydle, Railway, Rice Mill (in MWH)
2265710.69	212615.80	1067009.83	306078.31	450.60	11634.86	2743815.14

220 import from OU	2265710.69	A
220 Export to OU	212615.80	B
Net 220 in System	2053094.89	C= A-B
132 KV Import from OU	1067009.83	D
132 KV Export to OU	306078.31	E
Net 132 KV in System	760931.51	F= D-E
33 KV import in system	11634.86	G
33 KV SST Aux. Consumotion	450.60	H
total power in system	2825661.26	I= C+F+G
total 33 KV	2743815.14	J
Loss	81395.52	K= I-J-H
% loss	2.433817924	L = K/(A+D+G)*100

Note:-
1. All readings are in MWH.
2. OU Stand for Other Utility.
3. Energy reading taken of other(Remote) end, where line is ownered by BSPTCL.
4. Energy reading taken of BSPTCL(Local) end, where line is ownered by, other trans. Utilities.
5. In Patna(PG) reading of ICT-I,II&III has been taken which is availed by Gaurichak, Fatuha, & Khagaul
6. In Gaya(PG) reading of ICT-I,II&III has been taken which is availed by Dehri, Sonenagar, Bodhgaya & Khizirsarai(BGCL) in which reaading of Khizirsarai(BGCL) is subtracted for Transmission loss calculation of BSPTCL.
7. In Darbhanga(DMTCL) reading of ICT-I&II has been taken which is availed by Motipur, Darbhanga(new), Laukahi & Samastipur(new)
8. GSS having 33KV export is 0(zero), are cherged on no load.
9. Meter connection are applied for those GSS in which SST consumption is 0(zero).

Transmission loss for month June'2019 of BSPTCL		
GSS power received/Send, from/to, CTU/ Other Utility	220KV Level OU	
	Energy Export at 220 kv level at Remote end (CTU/OU), received by BSPTCL (in MWH)	Energy Import at 220 kv level at remote end (CTU/OU), send by BSPTCL (in MWH)
Gaurichak(Patna PG)	496794.90	
Fatuha (Patna PG)		
Khagaul(Patna PG)		
Khagaul(Ara (PG)	1173.00	
Khagaul(Patna PG U BGCL)		
Dehri-on-Son(Pusauli PG)	29195.78	
Dehri-on-Son(GAYA PG)	412692.60	
Sonenagar (Gaya PG)		
Bodhgaya(Gaya PG)		
Bodhgaya(K' Sarai BGCL)	4964.00	
Pusauli (Pusauli PG)	99731.00	
Pusauli (Ara PG)		45322.00
Biharsarif (B'SarifPG)	317434.00	
Biharsarif (K'Sarai BGCL)		43402.00
Biharsarif (TTPS)	91302.00	
Biharsarif (BTPS)		13597.00
Begusarai Purnea(PG)	19375.68	
Kishanganj 220	194411.00	
Hajipur (Amnour BGCL)		110153.00
Hajipur 220 (BTPS NTPC)	13740.00	141.80
Hajipur 220 (Kafeen PG)	163929.00	
Motipur (MTPS)	51579.60	
Motipur (DMTCL)	166265.98	
Darbhanga 220 (DMTCL)		
Laukahi (DMTCL)		
Samastipur 220 (DMTCL)		
Samastipur 220 (MTPS)	16478.16	
Gopalganj(MTPS)	107897.00	
Madhepura (Purnea PG)	78747.00	
Total	2265710.69	212615.80

Transmission loss for month June'2019 of BSPTCL

GSS power received/Send, from/to, CTU/ Other Utility	132KV level OU	
	Energy Export at 132 kv level at Remote end (CTU/OU/Consumer), received by BSPTCL (in MWH)	Energy Import at 132 kv level at remote end (CTU/OU/Consumer), send by BSPTCL (in MWH)
Hathidah (TSS)	0.00	2675.00
Fatuha(TSS)	0.00	4668.00
Khagaul 220/132/33 KV(TSS)	0.00	2629.92
Banjari 132/33 KV(KCL)	0.00	2935.60
Aurangabad (SHREE CEMENT)	0.00	11450.90
Sonenagar (Rihand)	0.00	16803.00
Sonenagar (TSS)	0.00	2456.12
Rafiganj (TSS)	0.00	3504.00
Rafiganj (Alfa Solar)	2805.00	21.00
Arrah (TSS)	0.00	1781.87
Arrah (PG)	95797.86	0.00
Jagdishpur (Ara PG)		0.00
Dumraon (Ara PG)		0.00
Dumraon (TSS)	0.00	2054.80
Karmnasa (Chnd, Sahpr)	530.00	0.00
Karmnasa (Kudra TSS)	0.00	32.00
Kudra (Pusauli PG)	0.00	20279.00
Pusauli (Kudra TSS)	0.00	25245.00
Mohaniya (Pusauli PG)	19245.92	0.00
Bodhgaya (TSS)	0.00	2685.74
Bodhgaya (BGCL)	12880.00	1142.00
Sherghati (Solar)	3436.13	20.76
Wazirganj (BGCL)	12702.00	0.00
Jahanabad (TSS)	0.00	2287.39
Hulasganj (BGCL)	13994.99	0.00
Biharsharif (132 BGCL)	3973.00	2024.00
Nalanda (Barhi)	0.00	15.37
Nawada (BGCL)	43003.60	0.00
Rajgir (Barhi)	0.00	0.00
Rajgir (Ord. Factory)	0.00	351.60
Shiekhpura (BGCL)	8353.00	0.00
Sabour(BGCL)	1.00	1.00
Sabour(NTPC)	17108.62	0.00
Sabour (Banka PG)	124726.95	0.00
Banka 132/33(Banka PG)		0.00
Sultanganj (Banka PG)		0.00
Sultanganj (Jamalpur BGCL)	0.00	37450.00
Sultanganj (G' Dih BGCL)	12.00	6317.00
Sultanganj (Deoghar)	0.00	6.76
Kahalgaon (NTPC)	37341.54	
Kahalgaon (Lalmatiya)	0.00	16524.89
Naugachhia 132/33(BTPS)	1184.00	466.00
Jamalpur 132/33(BGCL)	34448.50	
Jamui (TSS)	0.00	4035.12
Jamui (Lakhisarai PG)	97196.83	
Lakhisarai (Lakhisarai PG)		
Lakhisarai (TSS)	0.00	3863.31
Lakhisarai (BGCL)	0.00	24.00
Begusarai(BTPS)	105.50	29592.00
Khagaria (BTPS)		

Purnea (Purnea PG)	135147.13	
Kisanganj (Purnea PG)		
Baisi 132/33(Dalkola)	1996.00	
Samastipur (TSS)	0.00	943.00
Samastipur 132/33 (KBUNL)	137505.00	
Muzaffarpur 132/33(KBUNL)		
SKMCH 132/33 KV(KBUNL)		
Motipur 220/132/33(KBUNL)		
Motipur (TSS)	7.00	651.00
Hajipur (TSS)	0.00	980.87
Vaishali (BRF)	0.00	1188.00
Dalsingh Sarai(TSS)	0.00	2379.00
Rosera(Sugar Mill)	0.00	100.59
Motihari(Sugauli Sugar Mill)	0.00	58.01
132/33 Motihari(DMTCL)	145225.00	0.00
132/33 Betiah(DMTCL)		0.00
132/33 Raxaul(DMTCL)		78.00
132/33 Raxaul(PARWANIPUR)	0.00	26764.00
Ramnagar (BHPC)	2175.024	5842.92
Ramnagar (Sugar Mill)	5.19	518.84
Chapra (BGCL)	52111.80	0.00
Chapra (TSS)	0.00	1714.81
Sheetalpur 132/33 KV	0.00	3208.80
132/33 MASHRAKH(DLF)	0.00	397.70
Gopalganj KV(SUGAR MILL)	0.00	102.30
Siwan 132/33 KV(BGCL)	42629.40	0.00
Siwan 132/33 KV(TSS)	0.00	1398.20
Madhepura(RAILWAY FAC)	0.00	583.50
Kataiya 132/33 KV	879.84	54239.36
0.00	1067009.83	306078.31

Transmission loss for month June'2019 of BSPTCL			
GSS power received/Send, om/to, PSS, Solar, Rice Mill, Hydle	Energy at 33 kv level		
	SST Consumption (in MWH)	Import from hydle, Rice Mill, Solar (in MWH)	Export to PSS, Solar, Hydle, Railway, Rice Mill (in MWH)
Katra 132/33	14.39	0.00	60707.64
Gaurichak 220/132/33 KV	0.00	0.00	26621.00
Masaudhi 132/33	2.00	0.00	12991.00
Gaighat 132/33	4.30	0.00	48609.83
Mithapur 132/33	5.49	0.00	33550.42
Barh 132/33	0.00	0.00	16484.62
Hathidah 132/33	0.00	0.00	14121.00
Fatuha	0.00	0.00	42916.11
Jakkanpur 132/33	6.82	0.00	63160.02
Karbigahia 132/33	7.45	0.00	44633.00
Digha (old) 132/33	0.00	0.00	53977.22
Bihta(old) 132/33	28.76	0.00	48482.20
Bihta New 220/132/33 KV	0.00	0.00	0.00
Khagaul 220/132/33 KV	0.00	0.00	89534.37
Dehri 220/132/33 KV	0.00	299.47	26059.46
Banjari 132/33 KV	0.00	0.00	11737.13
Bikramganj 132/33 KV	14.77	0.00	26759.70
Sasaram 132/33 KV	0.00	0.00	24318.08
Kochas 132/33 KV	4.52	0.00	15790.60
Aurangabad 132/33 KV	0.00	0.00	32792.55
Goh 132/33 KV	0.00	0.00	9183.50
Sonenagar 132/33 KV	0.00	0.90	24158.93
Sonenagar 220/132/33 KV	0.00	0.00	0.00
Rafiganj 132/33 KV	0.00	0.00	18091.60
Arrah 132/33 KV	0.00	0.00	39322.13
Buxer 132/33 KV	0.00	478.05	22504.68
Jagdishpur 132/33 KV	7.94	0.50	22827.00
Piro 132/33 KV	0.00	0.00	6835.50
Dumraon 132/33 KV	16.97	0.00	26572.00
Karmnasa 132/33 KV	0.00	0.00	17548.47
Ramgarh 132/33 KV	0.00	0.00	7587.00
Bhabhua 132/33 KV	0.00	0.00	2304.24
Kudra 132/33 KV	0.00	0.00	11971.00
Pusauli 220/132/33 KV	0.00	0.00	3422.20
Mohaniya 132/33 KV	0.00	0.00	17843.40
Bodhgaya 220/132/33 KV	0.00	0.00	44173.39
Sherghati 132/33	0.00	3396.90	14255.00
Wazirganj 132/33 KV	0.00	0.00	11375.00
Imamganj 132/33 KV	0.07	0.00	12488.00
Chandauti 132/33	0.00	0.00	55082.00
Belaganj 132/33 KV	0.00	0.00	9219.70
Tekari 132/33 KV	6.56	0.00	12219.00
Jahanabad 132/33	0.00	0.00	20263.82
Tehta 132/33 KV	0.00	0.00	7914.80
Hulasganj 132/33	0.00	0.00	11230.90
Ataulah 132/33	0.00	0.00	22004.60
Biharsharif	0.00	0.00	4.60
Nalanda 132/33	0.00	0.00	15304.00
Ekangarsarai 132/33	0.00	0.00	20846.00
Harnaut 132/33			

Nawada 132/33	0.00	1819.53	38819.66
Warsaliganj 132/33	0.00	0.00	8493.00
Rajgir 132/33	0.00	0.00	15257.00
Shiekhpura 132/33	0.00	0.00	19831.50
Sabour 132/33	0.00	0.00	48432.50
Sultanganj 132/33	0.00	0.00	23211.00
Kahalgaon 132/33	17.98	0.00	20130.30
Banka 132/33	0.00	3021.00	20232.76
BANKA NEW 132/33 KV	0.00	0.00	5395.20
Naugachhia 132/33	0.00	0.00	15290.00
Jamalpur 132/33	0.00	0.00	30591.10
Tarapur 132/33	0.00	0.00	8254.00
Jamui 132/33	0.00	0.00	26660.90
Jamui (new)	0.00	0.00	7525.40
Lakhisarai 132/33	0.00	0.00	27196.18
Begusarai	0.00	0.00	37281.00
Balaia 132/33	0.00	0.00	11429.50
Manjhaul 132/33	0.00	0.00	16862.00
Teghra 132/33 KV	0.00	0.00	542.00
Khagaria 132/33	0.00	0.00	25138.70
Bakhri 132/33	0.00	0.00	0.00
Purnea 132/33	0.00	0.00	48290.40
Damdaha 132/33	0.00	0.00	703.60
Banmankhi 132/33	0.00	0.00	12218.00
Barsoi 132/33	0.00	0.00	12866.00
Manihari 132/33	0.00	0.00	4411.00
Katihar 132/33	11.60	0.00	24073.90
Baisi 132/33	9.00	0.00	1954.00
Kisanganj220/132/33	0.00	0.00	5871.60
Kisanganj 132/33	0.00	0.00	18280.26
Forbisganj 132/33	0.00	0.00	24432.50
Araria 132/33	0.00	0.00	11836.76
Muzaffarpur 132/33	0.00	0.00	49995.00
SKMCH 132/33 KV	0.00	0.00	42024.90
Motipur 220/132/33 KV	0.00	0.00	11217.00
Mushahari 220/132/33	0.00	0.00	17932.00
Sitamari 132/33	0.00	0.00	29877.00
Runnisaidpur 132/33	0.00	0.00	10430.28
Belsand 132/33	0.00	0.00	2267.50
Pupri 132/33	0.00	0.00	10854.00
Sheohar 132/33	0.00	0.00	9865.50
Hajipur 220 KV	0.00	0.00	0.00
Hajipur132/33	0.00	0.00	49947.77
Vaishali 132/33	0.00	0.00	26380.31
Jandaha	0.00	0.00	24766.70
Mahnar	0.00	0.00	5680.00
Samastipur 132/33	0.00	0.00	33618.35
Samastipur new220/132/33	16.94	0.00	3914.94
Sahpurpatori 132/33 KV	0.00	0.00	0.00
Dalsinghsarai	0.00	0.00	18134.05
Rosera	0.00	0.00	8859.00
Darbhanga (220)	0.00	0.00	0.00
Darbhanga 132/33	0.00	0.00	16810.10
Gangwara 132/33	0.00	0.00	29728.85
Kusheshwarsthan 132/33	0.00	0.00	11750.30
Madhubani			

Jainagar	0.00	0.00	12215.10
Benipatti	7.43	0.00	10141.93
Phulparas	0.00	0.00	14135.34
Jhanjharpur	0.00	0.00	4140.00
Laukhai	0.00	0.00	828.40
132/33 Motihari	27.02	0.00	33917.05
132/33 Dhaka	0.00	0.00	19092.30
132/33 Pakdidyal	0.00	0.00	1822.80
Chakiya	0.00	0.00	13061.10
132/33 Raxaul	0.00	0.00	17254.11
Areraj 132/33 KV	0.00	0.00	9096.80
132/33 Betiah	0.00	0.00	28794.82
132/33 Ramnagar	0.00	1227.11	21157.20
132/33 Narkatiyaganj	0.00	0.00	6206.80
132/33 Thakara	5.75	1391.40	1200.35
Chapra 132/33 KV	0.00	0.00	27137.92
Sheetalpur 132/33 KV	0.00	0.00	13348.06
132/33 MASHRAKH	0.00	0.00	16408.66
Ekma 132/33 KV	4.57	0.00	10024.63
Gopalganj 132/33 KV	190.15	0.00	40430.75
Hathua 132/33 KV	0.00	0.00	13662.32
Siwan 132/33 KV	15.39	0.00	40059.54
Raghunathpur 132/33 KV	0.00	0.00	12537.60
Maharajganj 132/33 KV	0.00	0.00	11734.76
Madhepura	0.00	0.00	17506.00
Udakisanganj	10.63	0.00	15102.38
Sahrsa 132/33 KV	7.65	0.00	18041.40
Sonbrsha	0.00	0.00	7590.60
Simri Bakhtiyarpur132/33 KV	0.00	0.00	6751.80
Raghopur 132/33 KV	0.00	0.00	5954.50
Supaul 132/33 KV	0.00	0.00	16760.88
Kataiya 132/33 KV	5.44	0.00	6632.03
Nirmali 132/33 KV	0.00	0.00	2559.00
Triveniganj	0.00	0.00	2751.00
Total	450.60	11634.86	2743815.14