

Annexure C 3



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. 394

DATE- 10/10/2019

BUFFSHEET

Chief Engineer (Commercial & Regulatory affairs)

Sub:- Regarding submission of revised Energy loss, data for the month of April'19 & May'19 for BSPTCL

Ref:- i) BERCL Letter no. 1174 dated 27.09.2019.

ii) U.O.I. No. 66 dated 05.10.2019

Sir,

Please find enclosed herewith the revised, energy loss data in the prescribed format for the month of April'19 & May'19 of BSPTCL losses.

This is for your kind information and needful.

Encl:- As above

204 (C & R A)
11/10/2019

ES/PRC-II
Shankar
11/10/19

PRC (PMU-F & RC) Shankar
A-2
11/10/19

Mrs. Babli, ACC
Shankar
11/10/19

Shankar
10/10/19

(Shankar Kumar)

Chief Engineer, Trans (O&M)

BSPTCL, Patna

Transmission loss of BSPTCL			
A	Total losses in the Transmission system	April'19	May'19
1	Total energy delivered by CTU/ Inter state tie link/ Transmission licence at the interface point of intra-state Transmission System	2859959.81	3387662.42
2	Sum of all Energy delivered by the Transmission system to CTU/consumer/ state distribution system	2792152.97	3303408.39
3	33KV Auxiliary consumption in System (SST)	503.71	510.10
4	Transmission loss in System (A1-A2-A3)	67303.14	83743.93
5	Transmission loss in (Transco) System (%) $[A4/A1 * 100]$	2.35328955	2.472026959

Aravind

Pradya Raj

Transmission loss for month May'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)
2309840.82	266551.20	1065597.04	296934.13	510.10	12224.56	2739923.06
220 import from OU						
220 Export to OU		2309840.82	A			
Net 220 in System		266551.20	B			
132 KV Import from OU		2043289.62	C=A-B			
132 KV Export to OU		1065597.04	D			
Net 132 KV in System		296934.13	E			
33 KV import in system		768662.91	F=D-E			
33 KV SST Aux. Consumption		12224.56	G			
total power in system		510.10	H			
total 33 KV		2824177.09	I=C+F+G			
Loss		2739923.06	J			
% loss		83743.93	K=I-J-H			
		2.472026959	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 in which reeading of Khizirsarai(BGCL) is subtracted for Transmission loss calculation of BSPTCL.
6. In Gaya(PG) reading of ICT-I,II&III has been taken which is availed by Dehri, Sonenagar, Bodhgaya & Khizirsarai(BGCL) in which reeading 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 charged on no load.
9. Meter connection are applied for those GSS in which SST consumption is 0(zero).

Sum

Dehri

Transmission loss for month May'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)	493344.97	
Fatuha (Patna PG)		
Khagaul(Patna PG)		
Khagaul(Ara (PG)		6108.00
Khagaul(Patna PG U BGCL)		
Dehri-on-Son(Pusauli PG)	47223.00	
Dehri-on-Son(GAYA PG)	360255.00	
Sonenagar (Gaya PG)		
Bodhgaya(Gaya PG)		
Bodhgaya(K' Sarai BGCL)	17938.00	2192.00
Pusauli (Pusauli PG)	85822.00	
Pusauli (Ara PG)		34676.00
Biharsarif (B'SarifPG)	354854.00	
Biharsarif (K'Sarai BGCL)		100170.00
Biharsarif (TTPS)	92251.00	
Biharsarif (BTPS)		1752.00
Begusarai Purnea(PG)	8248.95	
Kishanganj 220	186228.00	
Hajipur (Amnour BGCL)		120821.00
Hajipur 220 (BTPS NTPC)	2420.00	832.20
Hajipur 220 (Kafeen PG)	175875.00	
Motipur (MTPS)	49132.00	
Motipur (DMTCL)	225374.90	
Darbhangha 220 (DMTCL)		
Laukahi (DMTCL)		
Samastipur 220 (DMTCL)		
Samastipur 220 (MTPS)	19622.00	
Gopalganj	108400.00	
Madhepura	82852.00	
Total	2309840.82	266551.20

Signature

Tonip Raj

Transmission loss for month May'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	2705.00
Fatuha	0.00	4629.20
Khagaul 220/132/33 KV	0.00	3001.44
Banjari 132/33 KV	0.00	3810.40
Aurangabad 132/33 KV	0.00	11758.10
Sonenagar (Rihand)	0.00	20421.00
Sonenagar (TSS)	0.00	2387.55
Rafiganj (TSS)	0.00	3362.70
Rafiganj (Alfa Solar)	3196.00	20.00
Arrah (TSS)	0.00	2020.27
Arrah (PG)	42400.03	0.00
Jagdishpur (Ara PG)	23758.13	0.00
Dumraon (Ara PG)	30077.76	0.00
Dumraon (TSS)	0.00	2338.40
Karmnasa (Chnd, Sahpr)	2.88	22.56
Karmnasa (Kudra TSS)	58.00	0.00
Kudra (Pusauli PG)	0.00	22231.00
Pusauli (Kudra TSS)	0.00	23818.00
Mohaniya (Pusauli PG)	20942.00	0.00
Bodhgaya (TSS)	0.00	2666.60
Bodhgaya (BGCL)	0.00	2748.71
Sherghati (Solar)	3922.70	20.01
Wazirganj (BGCL)	12732.00	0.00
Jahanabad (TSS)	0.00	2172.87
Hulasganj (BGCL)	12013.90	0.00
Biharsharif (132 BGCL)	882.30	6032.00
Nalanda (Barhi)	0.00	15.41
Nawada (BGCL)	43948.00	0.00
Rajgir (Barhi)	0.00	0.00
Rajgir (Ord. Factory)	0.00	357.20
Shiekhpora (BGCL)	9289.00	0.00
Sabour (Banka PG)	44425.04	0.00
Sabour (NTPC)	1.80	0.00
Sabour (BGCL)	0.00	0.00
Sultanganj (Banka PG)	52138.00	0.00
Sultanganj (H.K.BGCL)	155.20	23946.40
Sultanganj(G.Dih BGCL)	596.00	4722.00
Sultanganj (Deoghar)	0.00	14.40
Kahalgaon (NTPC)	38039.40	0.00

Pussan

Ding M

Kahalgaon (Lalmatiya)	0.00	15852.00
Banka 132/33	34088.83	0.00
Naugachhia 132/33	186.00	914.00
Jamulpur 132/33	36579.40	0.00
Jamui (PG)	47393.71	0.00
Jamui (TSS)	0.00	4255.68
Lakhisarai (PG)	51857.04	0.00
Lakhisarai (TSS)	0.00	4101.90
Lakhisarai (BGCL)	0.00	5392.00
Begusarai(BTPS)	0.00	1360.90
Khagaria (BTPS)	19560.00	0.00
Khagaria (TSS)	0.00	1533.28
Purnea (PG)	120277.60	0.00
Baisi 132/33	2241.50	0.00
Kisanganj (Purnea PG)	16616.00	0.00
Muzaffarpur 132/33	76282.00	0.00
SKMCH 132/33 KV	57202.67	0.00
Motipur (MTPS)	0.00	0.00
Motipur (TSS)	0.00	681.00
Hajipur (TSS)	0.00	972.74
Vaishali (BRF)	0.00	758.40
Samastipur (MTPS)	0.00	0.00
Samastipur (TSS)	0.00	912.00
Dalsingh Sarai(TSS)	0.00	2340.00
Rosera(Sugar Mill)	1065.33	101.04
132/33 Motihari	34518.60	80.19
132/33 Raxaul	52500.00	33482.00
132/33 Betiah(DMTCL)	70006.00	0.00
Ramnagar (BHPC)	1095.94	8833.70
Ramnagar (Sugar Mill)	4.66	564.41
Chapra (BGCL)	58979.55	0.00
Chapra (TSS)	0.00	1717.89
Sheetalpur 132/33 KV	0.00	3009.60
132/33 MASHRAKH	0.00	345.20
Gopalganj 132/33 KV	0.00	128.90
Siwan 132/33 KV	46138.80	1392.90
Madhepura	0.00	595.65
Kataiya 132/33 KV	425.28	62387.52
Total	1065597.04	296934.13

Sachin

Tanya M

Transmission loss for month May'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	0.00	0.00	63336.07
Gaurichak 220/132/33 KV	3.24	0.00	26816.00
Masaudhi 132/33	4.00	0.00	13611.00
Gaighat 132/33	5.73	0.00	48050.59
Mithapur 132/33	10.59	0.00	32025.24
Barh 132/33	0.00	0.00	18385.98
Hathidah 132/33	0.00	0.00	14717.00
Fatuha	2.67	0.00	44427.84
Jakkanpur 132/33	7.65	0.00	64806.24
Karbigahia 132/33	0.00	0.00	44653.65
Digha (old) 132/33	12.83	0.00	50969.92
Bihta(old) 132/33	0.00	0.00	54419.43
Bihta New 220/132/33 KV	7.90	0.00	0.00
Khagaul 220/132/33 KV	12.25	0.00	86027.54
Dehri 220/132/33 KV	3.97	0.00	25843.25
Banjari 132/33 KV	12.45	0.00	11503.17
Bikramganj 132/33 KV	2.43	0.00	27313.55
Sasaram 132/33 KV	4.81	0.00	23590.22
Kochas 132/33 KV	3.10	0.00	15809.27
Aurangabad 132/33 KV	7.13	0.00	31308.95
Goh 132/33 KV	10.54	0.00	8511.00
Sonenagar 132/33 KV	14.86	1.10	21991.08
Sonenagar 220/132/33 KV	0.00	0.00	0.00
Rafiganj 132/33 KV	0.00	0.00	16975.80
Arrah 132/33 KV	0.00	0.00	39724.20
Buxer 132/33 KV	7.48	181.20	22136.37
Jagdishpur 132/33 KV	4.74	0.00	23875.48
Piro 132/33 KV	23.90	0.00	6985.00
Dumraon 132/33 KV	6.19	0.00	26194.90
Karmnasa 132/33 KV	2.67	0.00	15846.31
Ramgarh 132/33 KV	1.79	0.00	6962.00
Bhabhua 132/33 KV	7.37	0.00	1887.72
Kudra 132/33 KV	0.00	0.00	11459.00
Pusauli 220/132/33 KV	7.15	0.00	2649.40
Mohaniya 132/33 KV	0.00	0.00	16106.20
Bodhgaya 220/132/33 KV	0.00	0.00	43405.17
Sherghati 132/33	0.00	3836.70	13857.00
Wazirganj 132/33 KV	0.00	0.00	12604.68
Imamganj 132/33 KV	0.00	0.00	12270.30
Chandauti 132/33	0.00	0.00	53513.20
Belaganj 132/33 KV	6.37	0.00	9129.30
Tekari 132/33 KV	2.75	0.00	11822.57
Jahanabad 132/33	0.00	0.00	20506.74
Tehta 132/33 KV	0.00	0.00	7932.00
Hulasganj 132/33	8.87	0.00	10513.37

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Ataulah 132/33	0.00	0.00	22004.60
Biharsharif	7.96	0.00	0.00
Nalanda 132/33	2.83	0.00	16296.00
Ekangarsarai 132/33	0.00	0.00	22298.00
Harnaut 132/33	0.00	0.00	21977.00
Baripahari 132/33	4.23	0.00	45148.00
Nawada 132/33	0.00	1997.93	41222.48
Warsaliganj 132/33	7.84	0.00	5431.50
Rajgir 132/33	0.00	0.00	16061.00
Shiekhpora 132/33	0.00	0.00	21639.00
Sabour 132/33	0.00	0.00	43953.47
Sultanganj 132/33	0.00	0.00	21145.57
Kahalgaon 132/33	15.97	0.00	21993.12
Banka 132/33	0.00	3443.69	28688.00
BANKA NEW 132/33 KV	0.00	0.00	1328.80
Naugachhia 132/33	0.00	0.00	15563.20
Jamalpur 132/33	5.95	0.00	29933.30
Tarapur 132/33	0.00	0.00	7958.00
Jamui 132/33	0.00	0.00	29848.51
Jamui (new)	7.43	0.00	7523.00
Lakhisarai 132/33	0.00	0.00	28356.55
Begusarai	0.00	0.00	39675.50
Balaia 132/33	0.00	0.00	10377.50
Manjhaul 132/33	0.00	0.00	16448.00
Teghra 132/33 KV	2.75	0.00	100.00
Khagaria 132/33	0.00	0.00	26008.00
Bakhri 132/33	0.00	0.00	0.00
Purnea 132/33	0.00	0.00	47853.20
Damdaha 132/33	0.00	0.00	546.30
Banmankhi 132/33	0.00	0.00	8651.50
Barsoi 132/33	0.00	0.00	11783.00
Manihari 132/33	1.32	0.00	3393.00
Katihar 132/33	9.00	0.00	23298.80
Baisi 132/33	9.00	0.00	1846.00
Kisanganj	7.43	0.00	5263.20
Kisanganj 132/33	9.00	0.00	16704.00
Forbisganj 132/33	3.29	0.00	22293.74
Araria 132/33	7.47	0.00	11228.49
Muzaffarpur 132/33	2.37	0.00	48402.40
SKMCH 132/33 KV	0.00	0.00	41993.40
Motipur 220/132/33 KV	0.00	0.00	11217.00
Mushahari 220/132/33	0.00	0.00	18212.00
Sitamari 132/33	4.75	0.00	30787.62
Runnisaipur 132/33	0.00	0.00	11269.80
Belsand 132/33	0.00	0.00	2426.00
Pupri 132/33	1.37	0.00	10968.00
Sheohar 132/33	0.00	0.00	11105.40
Hajipur 220 KV	0.00	0.00	0.00
Hajipur 132/33	9.85	0.00	47375.94
Vaishali 132/33	23.07	0.00	26660.27
Jandaha	0.00	0.00	24528.47

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Sushant

Tanya Mj

Mahnar	0.00	0.00	4806.00
Samastipur 132/33	19.37	0.00	40763.93
Samastipur new	0.00	0.00	3841.37
Sahpurpatori 132/33 KV	0.00	0.00	0.00
Dalsinghsarai	3.01	0.00	17505.24
Rosera	0.00	0.00	8714.00
Darbhangha (220)	0.00	0.00	0.00
Darbhangha 132/33	0.00	0.00	16346.40
Gangwara 132/33	0.00	0.00	29549.95
Kusheshwarsthan 132/33	0.00	0.00	12538.98
Madhubani	0.00	0.00	14159.43
Pandaul	0.00	0.00	19309.57
Jainagar	7.43	0.00	12418.16
Benipatti	0.00	0.00	10361.93
Phulparas	0.00	0.00	14013.71
Jhanjarpur	0.00	0.00	3906.30
Laukhai	3.51	0.00	1000.50
132/33 Motihari	1.44	0.00	33847.62
132/33 Dhaka	0.00	0.00	19015.18
132/33 Pakdidyal	1.05	0.00	1718.80
Chakiya	9.29	0.00	13061.10
132/33 Raxaul	3.59	0.00	18884.73
Areraj 132/33 KV	25.21	0.00	9260.20
132/33 Betiah	8.13	0.00	30979.89
132/33 Ramnagar	0.00	1415.94	23567.25
132/33 Narkatiyaganj	0.00	0.00	6321.20
132/33 Thakara	0.00	1348.00	1162.56
Chapra 132/33 KV	0.55	0.00	27802.40
Sheetalpur 132/33 KV	0.00	0.00	12824.72
132/33 MASHRAKH	0.00	0.00	16814.32
Ekma 132/33 KV	0.00	0.00	10191.00
Gopalganj 132/33 KV	4.73	0.00	41368.40
Hathua 132/33 KV	0.59	0.00	13850.60
Siwan 132/33 KV	0.00	0.00	43524.66
Raghunathpur 132/33 KV	0.07	0.00	10498.80
Maharajganj 132/33 KV	1.93	0.00	12253.20
Madhepura	6.18	0.00	17760.00
Udakisanganj	1.14	0.00	13715.62
Sahrsa 132/33 KV	5.15	0.00	15460.65
Sonbarsha	0.00	0.00	7081.60
Simri Bakhtiyarpur 132/33 KV	0.00	0.00	4545.00
Raghopur 132/33 KV	0.00	0.00	0.00
Supaul 132/33 KV	52.20	0.00	16932.83
Kataiya 132/33 KV	3.14	0.00	10048.94
Nirmali 132/33 KV	1.57	0.00	2451.00
Triveniganj	2.50	0.00	2486.00
Total	510.10	12224.56	2739923.06

Sussan

Pranav

Transmission loss for month April'2019 of BSPTCL						
220KV Level OU (MWH)		132KV level OU (MWH)		Energy at 33 kv level (MWH)		
Energy Export at 220 kv level at Remote end (CTU/OU), received by BSPTCL	Energy Import at 220 kv level at remote end (CTU/OU), send by BSPTCL	Energy Export at 132 kv level at Remote end (CTU/OU/Consumer), received by BSPTCL	Energy Import at 132 kv level at remote end (CTU/OU/Consumer), send by BSPTCL	SST Consumption	Import from hydle, rice Mill, Solar	Export to PSS, Solar, Hydle, Railway, Rice Mill
1909806.37	225146.68	938184.12	269295.46	503.71	11969.32	2297710.82

220 import from OU	1909806.37	A
220 Export to OU	225146.68	B
Net 220 in System	1684659.68	C= A-B
132 KV Import from OU	938184.12	D
132 KV Export to OU	269295.46	E
Net 132 KV in System	668888.66	F= D-E
33 KV import in system	11969.32	G
33 KV SST Aux. Consumption	503.71	H
total power in system	2365517.66	I= C+F+G
total 33 KV	2297710.82	J
Loss	67303.14	K= I-J-H
% loss	2.35328955	L = K/(A+D+G)*100

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

OU :- OTHER UTILITIES,

N. work

2019.04

Transmission loss for month April'2019 of BSPTCL		
GSS power received/Send, from/to, CTU/ Other Utility	220KV Level OU (MWH)	
	Energy Export at 220 kv level at Remote end (CTU/OU), received by BSPTCL	Energy Import at 220 kv level at remote end (CTU/OU), send by BSPTCL
Gaurichak(Patna PG)	411988.21	
Fatuha (Patna PG)		
Khagaul(Patna PG)		
Khagaul(Ara (PG)		1325.00
Khagaul(Patna PG U BGCL)		
Dehri-on-Son(Pusauli PG)	36346.94	
Dehri-on-Son(GAYA PG)	320844.00	
Sonenagar (Gaya PG)		
Bodhgaya(Gaya PG)		
Bodhgaya(K' Sarai BGCL)	21120.00	917.00
Pusauli (Pusauli PG)	88215.92	
Pusauli (Ara PG)		39890.46
Biharsarif (B'SarifPG)	288890.36	
Biharsarif (K'Sarai BGCL)	0.00	67864.40
Biharsarif (TTPS)	59694.54	
Biharsarif (BTPS)	0.00	13237.60
Begusarai Purnea(PG)	0.00	
Kishanganj 220(PG)	150165.00	
Hajipur (Amnour BGCL)		101361.02
Hajipur 220 (BTPS NTPC)	17130.00	551.20
Hajipur 220 (Kafeen PG)	153407.00	
Motipur (MTPS)	23328.00	
Motipur (DMTCL)	164900.40	
Darbhang 220 (DMTCL)		
Laukahi (DMTCL)		
Samastipur 220 (DMTCL)		
Samastipur 220 (MTPS)	24095.00	
Gopalganj(MTPS)	82354.00	
Madhepura(PG)	67327.00	
Total	1909806.37	225146.68

Toni P. Nij

Sushant

Transmission loss for month April'2019 of BSPTCL		
GSS power received/Send, from/to, CTU/ Other Utility	132KV level OU (MWH)	
	Energy Export at 132 kv level at Remote end (CTU/OU/Consumer), received by BSPTCL	Energy Import at 132 kv level at remote end (CTU/OU/Consumer), send by BSPTCL
Hathidah (TSS)	0.00	2544.00
Fatuha(TSS)	0.00	4144.80
Khagaul 220/132/33 KV(TSS)	0.00	2671.20
Banjari 132/33 KV(KCL)	0.00	2953.20
Aurangabad (SHREE CEMENT)	0.00	14297.50
Sonenagar (Rihand)	0.00	21143.00
Sonenagar (TSS)	0.00	2702.30
Rafiganj (TSS)	0.00	3290.90
Rafiganj (Alfa Solar)	2787.00	21.00
Arrah (TSS)	0.00	2020.27
Arrah (PG)	30482.00	0.00
Jagdishpur (Ara PG)	20399.72	0.00
Dumraon (Ara PG)	27758.88	0.00
Dumraon (TSS)	0.00	2004.00
Karmnasa (Chnd, Sahpr)	290.88	17.76
Karmnasa (Kudra TSS)	500.00	61.00
Kudra (Pusauli PG)	18453.00	0.00
Pusauli (Kudra TSS)	0.00	22691.00
Mohaniya (Pusauli PG)	17040.00	0.00
Bodhgaya (TSS)	0.00	2748.71
Bodhgaya (BGCL)	0.00	0.00
Sherghati (Solar)	3781.33	20.76
Wazirganj (BGCL)	11172.00	0.00
Jahanabad (TSS)	0.00	2214.09
Hulasganj (BGCL)	9557.90	0.00
Biharsharif (132 BGCL)	0.00	15566.40
Nalanda (Barhi)	0.00	15.30
Nawada (BGCL)	33314.90	0.00
Rajgir (Barhi)	48.00	0.00
Rajgir (Ord. Factory)	0.00	335.20
Shiekhpora (BGCL)	687.00	0.00
Sabour (Banka PG)	35990.75	0.00
Sabour (NTPC)	0.00	624.60
Sabour (BGCL)	0.00	0.00
Sultanganj (Banka PG)	49218.00	0.00
Sultanganj (BGCL)	720.14	26231.80
Sultanganj (Deoghar)	0.00	11.20

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Kahalgaon (NTPC)	35869.20	0.00
Kahalgaon (Lalmatiya)	0.00	14626.59
Banka 132/33(PG)	28968.47	0.00
Naugachhia 132/33(BTPS)	0.00	38.00
Jamalpur 132/33(BGCL)	25759.70	0.00
Jamui (PG)	52190.06	0.00
Jamui (TSS)	0.00	3876.48
Lakhisarai (PG)	56063.81	0.00
Lakhisarai (TSS)	0.00	3584.13
Lakhisarai (BGCL)	8.00	12390.00
Begusarai(BTPS)	0.00	25262.50
Khagaria (BTPS)	17806.00	0.00
Khagaria (TSS)	0.00	1547.00
Purnea (PG)	93390.40	0.00
Baisi 132/33(Dalkola)	1680.50	29.00
Kisanganj (Purnea PG)	12636.00	0.00
Muzaffarpur 132/33(NTPC)	67780.00	0.00
SKMCH 132/33 KV(NTPC)	47254.00	0.00
Motipur (MTPS)	0.00	0.00
Motipur (TSS)	0.00	702.00
Hajipur (TSS)	0.00	827.89
Vaishali (BRF)	0.00	2568.00
Samastipur (MTPS)	0.00	0.00
Samastipur (TSS)	0.00	868.00
Dalsingh Sarai(TSS)	0.00	2487.00
Rosera(Sugar Mill)	2972.15	60.88
132/33 Motihari(DMTCL)	51934.80	0.00
132/33 Motihari(SUGAR)	3670.39	615.92
132/33 Raxaul(DMTCL)	31417.00	0.00
132/33 Raxaul(PARWANIPUR)	0.00	11618.00
132/33 Betiah(DMTCL)	46514.00	29.00
Ramnagar (BHPC)	0.00	0.00
Ramnagar (Sugar Mill)	12435.44	424.13
Chapra (BGCL)	47355.70	0.00
Chapra (TSS)	0.00	1901.26
Sheetalpur 132/33 KV	0.00	2212.80
132/33 MASHRAKH(DLF)	0.00	311.60
Gopalganj KV(SUGAR MILL)	0.00	37.90
Siwan 132/33 KV(BGCL)	40277.00	0.00
Siwan 132/33 KV(TSS)	0.00	1337.85
Madhepura(RAILWAY FAC)	0.00	479.55
Kataiya 132/33 KV	0.00	53130.00
Total	938184.12	269295.46

Transmission loss for month April'2019 of BSPTCL			
GSS power received/Send, from/to, PSS, Solar, Rice Mill, Hydle	SST Consumption	Energy at 33 kv level (MWH)	
		Import from hydle, Rice Mill, Solar	Export to PSS, Solar, Hydle, Railway, Rice Mill
Katra 132/33	21.82	0.00	57894.03
Gaurichak 220/132/33 KV	0.00	0.00	24235.20
Masaudhi 132/33	10.23	0.00	12478.60
Gaighat 132/33	13.65	0.00	37484.09
Mithapur 132/33	0.00	0.00	22732.05
Barh 132/33	0.00	0.00	20738.77
Hathidah 132/33	0.00	0.00	12559.00
Fatuha	2.93	0.00	43485.56
Jakkanpur 132/33	3.33	0.00	51912.70
Karbigahia 132/33	3.24	0.00	32209.15
Digha (old) 132/33	15.41	0.00	33730.61
Bihta(old) 132/33	5.24	0.00	50476.48
Bihta New 220/132/33 KV	4.10	0.00	0.00
Khagaul 220/132/33 KV	5.70	0.00	68092.53
Dehri 220/132/33 KV	10.13	221.53	17721.05
Banjari 132/33 KV	1.98	0.00	9372.13
Bikramganj 132/33 KV	1.46	0.00	23722.97
Sasaram 132/33 KV	6.34	0.00	20134.80
Kochas 132/33 KV	0.00	0.00	13940.47
Aurangabad 132/33 KV	6.47	0.00	28232.45
Goh 132/33 KV	0.00	0.00	8418.00
Sonenagar 132/33 KV	0.00	0.00	22177.02
Sonenagar 220/132/33 KV	0.00	0.00	0.00
Rafiganj 132/33 KV	0.00	0.00	16547.90
Arrah 132/33 KV	0.00	0.00	28078.60
Buxer 132/33 KV	0.00	218.10	15670.90
Jagdishpur 132/33 KV	0.00	18.50	20521.33
Piro 132/33 KV	7.06	0.00	6142.00
Dumraon 132/33 KV	1.58	0.00	23393.41
Karmnasa 132/33 KV	0.00	0.00	15798.93
Ramgarh 132/33 KV	0.00	0.00	6057.00
Bhabhua 132/33 KV	9.58	0.00	1626.28
Kudra 132/33 KV	0.00	0.00	8387.00
Pusauli 220/132/33 KV	0.00	0.00	2042.60
Mohaniya 132/33 KV	7.45	0.00	16106.20
Bodhgaya 220/132/33 KV	9.45	0.00	38609.49
Sherghati 132/33	1.87	3576.40	13093.90
Wazirganj 132/33 KV	0.00	0.00	11060.28
Imamganj 132/33 KV	0.00	0.00	10970.20
Chandauti 132/33	3.54	0.00	43095.20
Belaganj 132/33 KV	0.00	0.00	8078.00
Tekari 132/33 KV	8.86	0.00	11250.86
Jahanabad 132/33	0.00	0.00	18027.48
Tehta 132/33 KV	0.00	0.00	7541.20
Hulasganj 132/33	0.00	0.00	9193.80

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Ataulah 132/33	10.26	0.00	19590.40
Biharsharif	7.15	0.00	0.00
Nalanda 132/33	15.43	0.00	15539.00
Ekangarsarai 132/33	0.00	0.00	20934.00
Harnaut 132/33	0.00	0.00	16108.10
Baripahari 132/33	0.00	0.00	38658.20
Nawada 132/33	5.13	2014.07	34167.03
Warsaliganj 132/33	0.00	0.00	6148.89
Rajgir 132/33	0.00	0.00	14548.00
Shiekhpora 132/33	7.58	0.00	19094.00
Sabour 132/33	0.00	0.00	34909.00
Sultanganj 132/33	0.00	0.00	15218.67
Kahalgaon 132/33	0.00	0.00	21584.76
Banka 132/33	0.00	3273.36	28164.00
BANKA NEW 132/33 KV	0.00	0.00	0.00
Naugachhia 132/33	0.00	0.00	13241.20
Jamalpur 132/33	1.54	0.00	24021.90
Tarapur 132/33	0.00	0.00	7800.00
Jamui 132/33	0.00	0.00	31147.84
Jamui (new)	0.00	0.00	0.00
Lakhisarai 132/33	0.00	0.00	25056.80
Begusarai	0.00	0.00	33160.00
Balaia 132/33	1.21	0.00	7229.00
Manjhaul 132/33	11.00	0.00	14030.50
Teghra 132/33 KV	0.00	0.00	0.00
Khagaria 132/33	0.00	0.00	16557.46
Bakhri 132/33	0.00	0.00	0.00
Purnea 132/33	2.63	0.00	38972.80
Damdaha 132/33	7.21	0.00	327.30
Banmankhi 132/33	2.46	0.00	6717.00
Barsoi 132/33	0.00	0.00	10083.00
Manihari 132/33	0.00	0.00	2162.00
Katihar 132/33	0.00	0.00	18237.40
Baisi 132/33	4.83	0.00	1263.00
Kisanganj220/132/33	7.88	0.00	6549.60
Kisanganj 132/33	0.00	0.00	13008.00
Forbisganj 132/33	0.00	0.00	21199.00
Araria 132/33	1.14	0.00	8048.22
Muzaffarpur 132/33	0.00	0.00	38115.00
SKMCH 132/33 KV	0.00	0.00	32313.40
Motipur 220/132/33 KV	0.00	0.00	10765.50
Mushahari 220/132/33	7.78	0.00	15770.80
Sitamari 132/33	9.27	0.00	23006.18
Runnisaidpur 132/33	23.07	0.00	9369.15
Belsand 132/33	0.00	0.00	2046.50
Pupri 132/33	0.00	0.00	8212.00
Sheohar 132/33	17.74	0.00	9380.00
Hajipur 220 KV	11.04	0.00	0.00
Hajipur132/33	0.00	0.00	39678.03
Vaishali 132/33	9.20	0.00	23327.50
Jandaha	0.87	0.00	21081.77
Mahnar	0.00	0.00	3350.00

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Samastipur 132/33	0.00	0.00	36615.30
Samastipur new220/132/33	3.81	0.00	3238.00
Sahpurpatori 132/33 KV	0.00	0.00	0.00
Dalsinghsarai	0.00	0.00	15243.34
Rosera	0.00	0.00	7050.00
Darbhangha (220)	10.07	0.00	0.00
Darbhangha 132/33	0.00	0.00	13610.60
Gangwara 132/33	0.00	0.00	22857.00
Kusheshwarsthan 132/33	5.92	0.00	9551.47
Madhubani	0.00	0.00	10633.45
Pandaul	0.00	0.00	17113.00
Jainagar	0.00	0.00	9773.79
Benipatti	3.34	0.00	7696.42
Phulparas	1.42	0.00	11374.90
Jhanjarpur	0.00	0.00	2322.70
Laukhai	2.12	0.00	665.00
132/33 Motihari	1.00	0.00	27365.32
132/33 Dhaka	9.23	0.00	15012.34
132/33 Pakdidyal	1.50	0.00	1331.60
Chakiya	25.10	0.00	11352.20
132/33 Raxaul	8.31	0.00	17347.64
Areraj 132/33 KV	0.00	0.00	7696.00
132/33 Betiah	0.00	0.00	25594.51
132/33 Ramnagar	0.00	1712.76	18404.10
132/33 Narkatiyaganj	0.51	0.00	5724.20
132/33 Thakara	0.00	934.60	801.00
Chapra 132/33 KV	0.00	0.00	23809.27
Sheetalpur 132/33 KV	0.00	0.00	11056.80
132/33 MASHRAKH	2.68	0.00	15112.25
Ekma 132/33 KV	0.57	0.00	8826.31
Gopalganj 132/33 KV	4.62	0.00	35312.39
Hathua 132/33 KV	0.00	0.00	11239.98
Siwan 132/33 KV	0.06	0.00	37357.28
Raghunathpur 132/33 KV	1.97	0.00	9304.40
Maharajganj 132/33 KV	10.20	0.00	10608.18
Madhepura	2.98	0.00	12913.20
Udakisanganj	1.10	0.00	11717.57
Sahrsa 132/33 KV	5.13	0.00	16308.16
Sonbrsha	0.00	0.00	5569.20
Simri Bakhtiyarpur132/33 KV	1.00	0.00	2972.60
Raghopur 132/33 KV	0.00	0.00	0.00
Supaul 132/33 KV	48.81	0.00	11075.25
Kataiya 132/33 KV	3.06	0.00	9801.00
Nirmali 132/33 KV	1.53	0.00	1728.00
Triveniganj	21.83	0.00	1693.00
Total	503.71	11969.32	2297710.82

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Annexure C 4



BIHAR STATE POWER TRANSMISSION COMPANY LIMITED

(Registered Office: 4th Floor, Vidyut Bhawan-II, Bailey Road Patna- 800001.)
{CIN : U40102BR2012SGC018889, GST No. : 10AAFCB2393H1Z1, PAN No. :- AAFCB2393H}
Website: www.bsptcl.in E-mail ID : gminbsptcl@gmail.com 7763817708

UOI No- 29

Date: 05/10/2019

BUFF SHEET

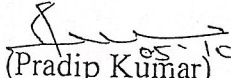
Chief Engineer
(P&E and Comm. & Regul. Affair Cell.)

Subject: Submission related to BEREC Directive

Ref: Your mail dated 04/10/19

With reference to subject noted above we are submitting updated data for your information, soft copy has already been mailed to you.

Enclosures: As above


(Pradip Kumar)

General Manager (F&A)
BSPTCL

ES/E P&E-II

M. Man

05/10/19

ES/E (P&E & C&R) Supt.

8-1-2
5/10/19

Sl. No.	Name of Element (Transmission line, Substation, Bay Extension, etc.)	Commissioning Date/LDOC	Original Cost of Project	Mode of Finance	Amended Cost of Project	Expenditure till 31.03.2019	Actual/Scheduled Commissioning Date	Capitalization Amount
1	Construction of 220KV D/C transmission line from BTRPS to Halipur, NIT-95/2014	07.08.2018	76.57	BRGF	105.40	106.79	03.09.2018	106.79
2	Construction of 132/33KV GSS Maharajganj- NIT/93/2014.	24.05.2017					24.05.2017	Hathua -19.17, Areraj- 19.97, Others to be Capitalised in 19-20
3	Construction of 132/33KV GSS Narkatiyaganj - NIT-93/2014	01.06.2017	79.24	State Plan	81.69	83.4	31.05.2017	
4	Construction of 132/33KV GSS Hathua NIT-93/2014	20.05.2017					20.05.2017	
5	Construction of 132/33KV GSS Areraj, NIT-93/2014	18.05.2017					18.05.2017	
6	Construction of 132/33KV GSS Chakiya-NIT-62A/2014	29.11.2017					29.12.2017	
7	Construction of 132/33KV GSS Jhanjharpur	24.07.2018	41.30	State Plan	44.21	40.59	05.02.2019	40.59
8	Construction of 132/33KV GSS Pakridayal	30.10.2018.					22.02.2019	
9	Construction of 132/33KV GSS Siwan-New	30.04.2018	23.51	State Plan	25.53	23.77	29.05.2019	To be Capitalised in 19-20
10	Construction of Loop In Loop Out arrangement of 132 KV Tx. line Madhepura- Sonebarsa 132 KV S/C Tx. line on D/C Tower at Sahara Existing (CKM-40KM) under Special Plan of Phase-III against NIT-38/2014.	31.10.2018	10.65	BRGF	15.21	13.96	15.07.2019	To be Capitalised in 19-20
11	Construction of 132/33 KV, 2 x 20MVA Nirmali, 2 x 20 MVA, 2 x 20 MVA Banmankhi, 2 x 20 MVA Manihari and 2 x 10 MVA Triveniganj against NIT 63/2014(Package B)	GSS Nirmali:- 28.12.2016, GSS Banmankhi:- 25th Jan 2017, GSS Manihari : 07.12.2017, GSS Triveniganj:- 14.04.2017	73.24	State Plan	78.88	83.28	Manihari-07.12.17 Nirmali-28.12.17 Banmankhi- 25.01.17	To be Capitalised in 19-20
12	Construction of 2 x 20MVA, 132/33KV GSS Tarapur, Teghra and Simri Bakhtiyarpur against NIT 91/2014.	GSS Tarapur:- 27.01.2017, GSS Teghra:- 12.10.2017, Simri Bakhtiyarpur:- 03.03.2017.	80.60	State Plan	63.84	65.84	GSS Tarapur:- 27.01.2017, GSS Teghra:- 12.10.2017, Simri Bakhtiyarpur:- 03.03.2017.	Teghra- 21.69, Tarapur- 19.63, Simri- 24.52
13	Construction of 2 x 50MVA, 132/33KV GSS Araria, Barsoi, Baisi and Dhamdaha AGAINST NIT 92/2014.	GSS Araria:- 18.10.2017, GSS Barsoi:- 16.01.2018, GSS Baisi:- 02.05.2018, GSS Dhamdaha:- 10.10.2018	91.91	State Plan	105.07	104.7	Araria-18.10.17 Barsoi-29.01.18 Baisi-02.05.18 Dhamdaha- 15.02.18	To be Capitalised in 19-20
14	R&M of 132/33KV GSS at Kishanganj, Jamalpur and Purnea against NIT no. 07/PR/BSP/CL/2016.	LDOC- December 2018	26.19	State Plan	30.97	31.02		To be Capitalised in 19-20

Sl. No.	Name of Element (Transmission line, Substation, Bay Extension, etc.)	Commissioning Date/LDOC)	Original Cost of Project	Mode of Finance	Amended Cost of Project	Expenditure till 31.03.2019	Actual/ Scheduled Commissioning Date	Status of Power Flow	Capitalization Amount
15	Construction of 3X50 MVA, 132/33kV Grid Sub-Station, Jagdishpur (Bhagalpur New) and Korha (Kathihar) against NIT no. 10/PR/BSPTCL/2016	LDOC of Grid Sub- Station, Jagdishpur (Bhagalpur New)- 10.02.2019 GSS Korha(Kathihar)--land not finalized yet	26.49	State Plan	26.49	13.75	30.11.2019		To be Capitalised in 19-20
16	Strengthening of 132 KV & 33 KV main bus and transfer bus by double moose & quad moose	LDOC-31st December 2018	61.57	State Plan	67.17	56.8		Yes	WIP
17	Second circuit stringing of Existing 03 Nos. of 132 kV Double Circuit Single Strung Transmission Lines under Transmission Circle, Purnea on Turnkey Basis against NIT No. 76/PR/BSPTCL/2015	07.08.2017	16.69	State Plan	16.69	14.91		Yes	WIP
18	Construction of 132 KV D/C T/L from Motihari (400 KV) to Motihari (BSPTCL)	25.05.2017	8.54	BRGF	8.54	8.49		Yes	20.2
19	Construction of 132 KV D/C T/L from Motihari (400 KV) to Bettiah NIT 403/PR/BSPTCL/2013 Pkg B	30.06.2017	18.69	BRGF	18.83	18.41		Yes	
20	Construction of 132 KV D/C T/L from Motihari (400 KV) to Raxaul NIT 403/PR/BSPTCL/2013 Pkg C	31.10.2017	27.42	BRGF	28.16	29.83		Yes	29.83
21	construction of two numbers of 132 KV Line bays each at Bettiah (132/33 KV) GSS and Raxaul (132/33 KV) GSS. NIT-403/2013, VSPL.	20.10.2017	7.02	BRGF	7.02	7.02		Yes	To be Capitalised in 19-20
22	(i) construction of 132 KV S/C transmission lines on D/C Tower from 132/33 KV Dhakā GSS to upcoming Pakridayal GSS (ii) Construction of New 132 KV S/C Transmission line on D/C Tower from 220/132 KV Motipur GSS to upcoming Chakiya GSS (iii) L.L.O of 132 KV S/C of Jainagar-Phulparas Transmission Line at upcoming Jhanjharpur GSS NIT No 82/PR/BSPTCL/2014	24.02.2018	48.16	State Plan	48.16	50.05		Yes	WIP
23	Construction of 132KV D/C Udakishanganj-Sonebarsa T/L and 132KV D/C Kusheshwarsthan-Sonebarsa T/L against NIT No. 16/PR/BSPTCL/2014	Udakishanganj-Sonebarsa: 13.06.2016 Kusheshwarsthan-Sonebarsa: 08.01.2018	85.26	BRGF	114.7	115.13	Udakishanganj-Sonebarsa: 13.06.2016 Kusheshwarsthan-Sonebarsa: 08.01.2018	Yes	115.13

Sl. No.	Name of Element (Transmission line, Substation, Bay Extension, etc.)	Commissioning Date/LDOC	Original Cost of Project	Mode of Finance	Amended Cost of Project	Expenditure till 31.03.2019	Actual/Scheduled Commissioning Date	Status of Power/Flow	Capitalization Amount
24	Construction of 220KV D/C Transmission line Kishanganj (New) - Kishanganj (PGCIL) charged on 5.10.2016 & 28.12.2016 and 132 KV D/C T.L. Kishanganj (New) - Kishanganj (existing GSS) against NIT No. 58/PR/BSPTCL/2014	220KV D/C Transmission line Kishanganj (New) - Kishanganj (PGCIL) charged on 5.10.2016 & 28.12.2016 and 132 KV D/C T.L. Kishanganj (New) - Kishanganj (existing GSS) has been charged 04.01.2017.	17.49	BRGF	25.92	25.87	220KV D/C Transmission line Kishanganj (New) (PGCIL) charged on 5.10.2016 & 28.12.2016 and 132 KV D/C T.L. Kishanganj (New) - Kishanganj (existing GSS) has been charged 04.01.2017.	Yes	25.87
25	Construction of 6 nos of 132/33KV Transformer Bay at Madhubani, Muzaffarpur, Dalsingarai, Ramnagar, Hajipur and Jandaha, NIT- 08/2014, ABN	Madhubani- 22.02.2016, Dalsingarai-26.09.2016, Muzaffarpur-31.07.2015, Ramnagar- 13.01.2016, Hajipur-23.06.2016 Jandaha- 22.10.2017	10.80	BRGF	12.67	11.62	Madhubani- 22.02.2016, Dalsingarai-26.09.2016, Muzaffarpur-31.07.2015, Ramnagar- 13.01.2016, Hajipur-23.06.2016 Jandaha- 22.10.2017	Yes	Capitalised in Year of Commissioning
26	Construction of 220 KV Kishanganj New- Madhepura D/C NIT-02/2015, L&T	Line Charged on 24.08.2018	110.80	BRGF	129.79	136.86	24.08.2018	Yes	136.86
27	Construction of 220 KV (D/C) Line between Madhepura to Laukhi with AL-59 Conductor(75Km), NIT-03/2015, L&T	Line Charged on 07.06.2018	94.60	BRGF	104.01	107.76	07.06.2018	Yes	107.76
28	Construction of 220 KV Purnea (PG) - Begusarai D/C Tx. Line	Charged on 09.08.2018	97.20	RSVY & State Plan	122.36	119.72	09.08.2018	Yes	To be Capitalised in 19-20
29	132 KV LILo 'Y' on one of the CKT of 132 KV Betia-Dhanha to Ramnagar GSS against NIT No. 22/PR/BSPTCL/2015	LDOC-30.06.2019	29.37	BRGF	35.24	16	30.06.2019	Not charged	To be Capitalised in 19-20
30	Construction of 3x50MVA, 132/33KV GSS Raghapur against NIT 30/PR/BSPTCL/2017.	04.01.2019	32.30	State Plan	32.3	29.2	24.02.2019	Yes	To be Capitalised in 19-20
31	Construction of LILo of one circuit of 132KV Laukahi-Supaul Transmission Line at 132/33 KV GSS Raghapur against NIT No. 31/PR/BSPTCL/2017	LDOC-21.02.2019	14.94	State Plan	15.28	14.66	21.02.2019	Yes	14.66

Sl. No.	Name of Element (Transmission line, Substation, Bay Extension, etc.)	Commissioning Date/LDOC	Original Cost of Project	Mode of Finance	Amended Cost of Project	Expenditure till 31.03.2019	Actual/Scheduled Commissioning Date	Status of Power Flow	Capitalization Amount
32	Construction of 132KV S/C Transmission line on D/C Tower between 132/33KV GSS Rosera and Hasanpur Sugar Mill along- with 01 no. 132KV line bay at 132/33KV GSS Rosera against NIT No.-15/PR/BSPTCL/2017	31.12.2018	10.42	IRF	12.42	11.23	31.12.2018	Yes	11.23
33	Construction of 8 Nos. 132KV line bays at Pandaul-01Nos, Madhubani-02Nos, Jainagar-02, Phulparas-01Nos, Ekma-01Nos and Kusheshwarsthan-01Nos under state plan against NIT No. 04/PR/BSPTCL/2016	Jainagar -02 no.charged on 14.10.17, Pandaul-01 no., charged on 15.10.17, Madhubani -02 no. charged on 01.11.17 and Ekma-01 no. charged on 02.05.2018. Kusheshwarsthan bay Likely to be charged by 31.07.2019	11.41	State plan	16.76	16.76	07.06.2018	All except Kusheshwarsthan bay are charged	14.59
34	Construction of 02 nos. 132KV line bays each at 132/33KV GSS SKMCH & Sitamarhi under Special Plan/BRGF, Phase- III, Part-I against NIT No. 07/PR/BSPTCL/2016	Sitamarhi- 01 no. bay commissioned on 11.04.2017, 02 no. bay LDOC 30.06.2019	7.02	BRGF	7.02	6.75	31.03.2017	01 one bay charged on 11.04.2017.	To be Capitalised in 19-20
35	Construction of New 132 KV S/C Transmission Line on D/C Tower from existing Kusheshwarsthan GSS to Benipur GSS (Line length-37 Km), construction of New 132 KV S/C Transmission Line on D/C Tower from 220/132 KV Samastipur GSS to Upcoming Shahpurpatori GSS (Line Length- 31 CKM), LLO of 132 KV S/C of Muzaffarpur -Sitamarhi at Belsand GSS under State Plan on turnkey basis against NIT No.- 81/PR/BSPTCL/2014	1. Muzaffarpur - Sitamarhi: Completed & Charged on 09/08/2018 2. Samastipur - Shahpurpatori: Completed & Charged on 02/05/2018 3. Kusheshwarsthan - Benipur: LDOC 31.07.2019	28.46	State Plan	39.28	39.47	30.09.2018	All except Kusheshwarsthan- Benipur line are charged	22.31
36	Construction of 132/33 KV Grid Substation, Belsand (2X10MVA), Shahpur Patori (2X20MVA) and Benipur (2X10MVA), NIT- 62/BSPTCL/2014 Pkg-B under state plan on turnkey basis against NIT No. -62/PR/BSPTCL/2014	LDOC 30.11.2019	55.51	state plan	58.10	43.08	10.05.2018	Not charged	38.51
37	Construction of 2 x160+3x50 MVA GSS Musahari(New), NIT- 477/2013, Techno	Commissioned on 17.01.2017	73.95	BRGF	85.07	78.68	17.01.2017	Yes	78.68
38	Construction of 220 KV & 132 KV D/C Transmission line for evacuation of power from upcoming Motipur GSS, NIT-01/2014, E&T	Charged on-21.11.2017	148.21	BRGF	193.14	120	21.11.2017	Yes	81.19

Sl. No.	Name of Element (Transmission line, Substation, Bay Extension, etc.)	Commissioning Date/LDOC)	Original Cost of Project	Mode of Finance	Amended Cost of Project	Expenditure till 31.03.2019	Actual/Scheduled Commissioning Date	Status of Power flow	Capitalization Amount
39	Construction of (i) 220KV D/C Line from Darbhanga 400/200 KV GSS to Laukahi (new) GSS (ii) 220KV D/C Line from Laukahi (new) GSS to Supaul (existing) Pkg-D' GSS, NIT-15/2014 (pkg-D), L&T	DEC'18 (LDOC)	126.24	BRGF	106.38	98.09	30.10.2019	Line-II - work in progress.	To be Capitalised in 19-20
40	Construction of 220 KV & 132 KV D/C Transmission line for evacuation of power from upcoming Muzahari GSS	15.04.2017	88.72	BRGF	123.09	112.46	15.04.2017	Yes	87.26
41	Construction of 220/132/33 kV. Motipur GSS, NIT-24/2014.	commissioned on 29.03.2017	69.54	BRGF	77.59	70.64	29.03.2017	Yes	70.64
42	Construction of 2 x 160+2x50 MVA, 220/132/33KV GSS Laukahi, NIT-33/2014.	commissioned on 21.06.2018	60.31	BRGF	67.02	61.21	21.06.2018	Yes	61.21
43	Construction of 132/33kV GSS at Manjhaur, Ballia and Bakhari against NIT-63/PR/BSPTCL/2014, Package-(A)	GSS Bakhari LDOC- November, 2018 GSS Ballia One 10 MVA Transformer charged on 13.06.2017 and another 50 MVA Transformer charged on 30.01.18 GSS Manjhaur: 50 MVA Transformer charged on load on 12/06/2017 one Nos. 10 MVA Transformer charged on 31.08.2017	54.40	State Plan	57.63	60.24		Bakhari - charged on no load. Ballia+Manjhaur Power Flow-Yes	41.03

Sl. No.	Name of Element (Transmission line, Substation, Bay Extension, etc.)	Commissioning Date/LDOC	Original Cost of Project	Mode of Finance	Amended Cost of Project	Expenditure till 31.03.2019	Actual/Scheduled Commissioning Date	Status of Power Flow	Capitalization Amount
44	Construction of 132KV Transmission lines connecting the revenue GSS Bakhari, Ballia, Manjhaul, Nirmali, Triveniganj, Banmankhi, Manihari and Piro against NIT No. 35/PR/BSPTCL/2015	All Lines Charged- 19.11.17 132 KV S/C Purnea - Saharsalilo at Banmankhi - 25.01.2017 132 KV D/C Bikramganj - Piro TL 29.05.2017 132 KV D/C Begusarai - BakhariLilo at Manjhaul TL 18.05.2017 132 KV D/C Begusarai - BakhariLilo at Ballia 04.05.2017 LILO of 132 KV Purnea - Forbesganj line at Rajwara (Chahatapur) for 132/33 KV Triveniganj GSS 02/02/17 132 KV S/C Purnea - KatiarLilo at Manihari 19.11.17 132 KV D/C Phulparas - sapoulLilo at Nirmali TL 25.12.2016 132KV D/C Begusarai - Bakhari Line 15.11.2017 (Manjhaul- Bakhari Line) 16.11.17(Ballia- Bakhari Line)	86.97	State Plan	97.45	102.26		Yes	93.49
45	Construction of 220/132/33KV GSS Kishanganj (new) with bay extensions against NIT No. 03/PR/BSPTCL/2014	1. 220/132/33KV Kishanganj GSS - 10.10.2016 extension at Kishanganj Remote site- 04.01.2017 3. 2x132KV line bay extension at Forbesganj Remote site- 20.10.2016 and 10.01.2017 4. 4x220KV line bay extension at Madhepura Remote site- 27.04.2017 5. Laukhi Bay extension on 05.06.2018 & 06.06.2018.	84.46	BRCF	89.51	80.02	1. 220/132/33KV Kishanganj GSS - 10.10.2016 2. 2x132KV line bay extension at Kishanganj Remote site- 04.01.2017 3. 2x132KV line bay extension at Forbesganj Remote site- 20.10.2016 and 10.01.2017 4. 4x220KV line bay extension at Madhepura Remote site- 27.04.2017 5. Laukhi Bay extension on 05.06.2018 & 06.06.2018.	Yes	80.02

Sl. No.	Name of Element (Transmission line, Substation, Bay Extension, etc.)	Commissioning Date/LDOC	Cost of Project	Mode of Finance	Approved cost of Project	Expenditure till 31.03.2019	Actual/Spent till Commissioning Date	Status of Project	Capitalization Amount
46	Capacity augmentation of 220/132/33 kV & 132/33 kV Grid Substation Madhepura, Nalgachia, Vatshali, Gangwara, Jamui, Ara and Bihta	31.10.2018	48.13	ADB	48.65	44.34	05.04.2019	yes	To be Capitalised in 19-20
47	Procurement and construction of 33 KV line bays in form of Indoor VCB panels at 10 nos. of AIS sub-station under transmission circle, Purnea	30.11.2018	28.28	ADB	34.57	32.78	30.06.19	yes	To be Capitalised in 19-20
48	Procurement and construction of 33 KV line bays in form of Indoor VCB panels at 21 nos. of AIS sub-station under transmission circle, Muzaifarpur	30.11.2018	59.09	ADB	76.95	72.12	30.06.19	yes	To be Capitalised in 19-20
49	Procurement and construction of 33 KV line bays in form of Indoor VCB panels at 08 nos. of AIS sub-station under transmission circle, Biharsharif	30.11.2018	25.20	ADB	35.65	31.82	30.06.19	yes	To be Capitalised in 19-20
50	Construction of 220 KV Bihta(new) -Sipara(Patna) D/C transmission line, 220 KV Bihta(new)-Bihta(existing) D/c Transmission line (charged at 132 KV) and 33 Kv down linking lines from Bihta(new) 220/132/33 KV GSS on turnkey basis.	30.11.2018	72.03	State Plan	72.03	75.8	12.04.2019	yes	To be Capitalised in 19-20
51	Renovation & Up gradation of Protection and Control Systems of 220/132KV Grid Substation at Biharsharif, Fatuha, Bodhgaya, Dehri On Sone, Khagaul and 132/33KV Grid Substation Katarya on turnkey basis	31.12.2018	69.66	PSDF	65.67	57.09	DOS- 15.02.2019 Fatuha- 22.07.2017 Bodhgaya- 06.09.2017 Biharsharif- 19.08.2017 Khagaul- 05.07.2018	yes	To be Capitalised in 19-20
52	Second circuit stringing of existing 04 nos of 132KV Double circuit Single strung transmission line:- 1) 132KV Biharsharif- Ekangarsarai- Hulasganj (Except LILo point to Ekangarsarai) (48.14CKM) 2) 132KV Biharsharif- Nawada (48.89CKM) 3) 132KV Biharsharif- Sheikhpura (38.78CKM) 4) 132KV Jamui- sheikhpura (51.9CKM)	31.12.2018	20.34	State Plan	20.34	21.1	10.05.2019	yes	To be Capitalised in 19-20

53	Construction of 08 nos. 132 KV Line bays each at - Belaganj 01 no., Hulasganj-01 no., Jehanabad -01 no., Tekari-02 no., Ataula-01 no., Chandaudi-01 no., Nawada-01 no. under Trans. Circle, Gaya for 2nd ckt. stringing of existing 132 KV DCCS	TOC issued for Chandaudi-15.12.17 Tekari-05.01.18 Hulasganj-20.12.17 Ataulah-01.01.18 Jehanabad-18.12.17 For Belaganj & Nawada LDOC 15.11.18	12.59	State Plan	12.59	11.66	Belaganj & Nawada LDOC 10.07.2019	Partial	To be Capitalised in 19-20
54	Construction of 132KV S/C Transmission Line for Solar PV Project of M/s Alfa Infraprop Pvt. Ltd. at Bhagaura from 132KV GSS Rafiganj and Construction of 01 no. 132KV line bay at GSS Rafiganj against NIT No.-02/PR/BSPTCL/17	TOC issued dated 04-07-17	9.74	State Plan	9.74	10.24	completed	yes	10.24
55	Construction of 11 Nos. of line bays at Sherghati - 01, Imamganj - 01, Sonenagar-02, Aurangaba-02, Ara-02, Jagdishpur-03 & 1 No. of T/F bay at Sherghati against NIT No.-68/PR/BSPTCL/14	TOC issued for Imamganj-29.08.16 For rest GSS LDOC 15.11.18	20.83	BRGF	21.62	20.5	TOC issued for Imamganj - 29.08.2016, Sonenagar-15.09.2016, Aurangabad-20.09.2016, Ara- and LDOC for Jagdishpur & Sherghati are 15.07.2019	Partial	To be Capitalised in 19-20
56	Second Circuit Stringing of Existing 03 Nos. of 132 KV Double Circuit Single Strung Transmission Line: i) GSS Belaganj to tapping point of L-32 & L-33 Trans. Line 2.5 CKM ii) 132 KV Gaya-Tekari and 132 KV Tekari-Coh 51.8 CKM iii) 132 KV Jehanabad-Ataula (Karp) 22.57 CKM Under Transmission Circle Gaya on Turnkey Basis under State Plan on FIRM prices against NIT No.-72/PR/BSPTCL/15	TOC issued dated 08.08.18 for line (i) & (ii) LDOC for line (ii) - 30.11.18	7.41	State Plan	7.93	7.92	completed	yes	7.92
57	Construction of 3x50MVA, 132/33KV GSS Ramgarh (Kaimur dist.) and Warislaiganj (Nawada Dist.) on turnkey basis against NIT No.-84/PR/BSPTCL/15	LDOC-31.12.2018	64.96	State Plan	65.37	60.99	warsaliganj - 29.01.2019 Ramgarh - 26.05.2017	Yes	Ramgarh-28.02. Warsaliganj-32.97
58	Procurement and Construction of 33KV line bays in form of indoor VCB panels at 06 nos. of AIS Sub-station under Transmission Circle Dhangalpur against 24/Package D-1/ BSPTCL/ADB/16	30.11.2018	18.91	ADB	23.38	21.59	30.06.2019	yes	To be Capitalised in 19-20

59	Procurement and Construction for Re-conductoring of 06 nos. 132KV Transmission lines against 31/Package K-1/BSPTCL/ADB/16	30.11.2018	44.00	ADB	44.39	41.67	30.06.2019	yes	35.33
60	Procurement and Construction for Re-conductoring of 06 nos. 132KV Transmission lines against 33/Package M-1/BSPTCL/ADB/16	30.11.2018	40.86	ADB	41.32	38.76	30.06.2019	yes	33.44
61	i) LILO of one ckt. At north of muthani railway station from 132KV D/C Pusouli (New) - Mohania Trans. Line to proposed 3x50 MV Ramgarh GSS (BSPTCL of route length 20Kms.ii) LILO of one Ckt. Of 132KV Chhapra - Siwan Transmission Line - Siwan (New) GSS near Darauli of route length 45Kms. Turnkey basis under Under State Plan	Completed on 11.08.2018	56.17	State Plan	36.91	36.75	completed	yes	Pusauli - Mohania-10.51, Chhapra-Siwan-15.95
62	3X50 MVA, 132/33 KV GSS Kerpa	11.02.2019	31.69	State Plan	31.69	15.95	30.09.2019		To be Capitalised in 19-20
63	Construction of 132KV Lines and 33KV Lines	30.03.2018	58.23	ADB	81.06	39.49	31.07.2019	partial	To be Capitalised in 19-20
64	Construction of 220KV Lines	30.12.2018	41.52	ADB	41.52	22.22	31.09.2019	partial	To be Capitalised in 19-20
65	Procurement and Construction of 33KV line bays in form of Indoor VCB panels at 14 nos. of AIS Sub-station under Transmission Circle DOS	30.11.2018	33.02	ADB	46.84	40.7	30.06.2019	yes	To be Capitalised in 19-20
66	Construction of 33 kV Line Bays in form of Indoor GIS Panel at 11 nos. of AIS Substation under Patna District of BSPTCL on Turnkey Basis.	30.11.2018	66.79	ADB	75.46	70.5	30.06.2019	yes	To be Capitalised in 19-20
67	Re-conductoring of 05 nos. 220KV & 132KV Transmission lines -- 254.99 Ckm	30.11.2018	35.45	ADB	35.55	34.55	30.03.2019	yes	33.98
68	Supply, Installation, Implementation, Configuration and Integration of ERP system: in	17.05.2019	21.50	ADB	21.5	7.41	30.10.2019	no	To be Capitalised in 19-20
69	Construction of LILO line on both circuits of 220 KV Begusarai- Purnea (PG) Transmission line at Khagariya new 220/132/33 KV GSS against NIT 12/PR/BSPTCL/2016 Pkg-A under state plan.	31.12.2018(revised)	8.86	State Plan	9.14	9.03	19.05.2019	no	To be Capitalised in 19-20

70	construction of L1LO line on both circuits of 132 KV BTPS- Purnea D/C Transmission line at Khagariya new 220/132/33 KV GSS (CKM-10 KM) against NIT 12/PR/BSPTCL/2016 Pkg-B under state plan.	31.12.2018(revised)	11.62	State Plan	10.25	8	30.06.2019	no	To be Capitalised in 19-20
71	Construction of (2x160 + 2x50) MVA, 220/132/33KV Grid Sub-Station in KHAGARIA (New) under State Plan in between 220KV D/C Purnea (PG) – Begusarai Transmission Line.	30.06.2019	70.00	State Plan	70	21.2	30.09.2019	no	To be Capitalised in 19-20
72	construction of 132/33 KV 3x50 MVA Jamui and Banka GSS against NIT 86/PR/BSPTCL/2015	30.11.2018	52.29	State Plan	54.25	48.89	Jamui- 06.11.2018 Banka- 19.02.2019	yes	Banka-24.52, Jamui-24.18
73	Construction of 132 KV Transmission Lines required for the connectivity of power to upcoming new 132/33 KV Grid Sub Stations at Korha (Distt- Katihar),Nathnagar (Distt.- Bhagalpur) and Jamui(new) on turnkey basis under State Plan (R.L.=190 CKM) against NIT No.- 87/PR/BSPTCL/2015	31.12.2018	63.10	State Plan	69.55	41.74	Banka(n)- jamui(N)- 15.09.2018 Jamui(n)- jamui(o) - 21.06.2018 Balance line LDOC- 31.07.2019	Partial	Banka-Jamui- 27.10, Jamui- Jamui-14.64
74	Construction of 132KV D/C Sonenagar (New)-Aurangabad Transmission Line.NIT-59/2014.	31.12.2018	15.90		15.9	13.58	31.07.2019		WIP
75	Construction of 132KV D/C Ara- Jagdishpur Transmission Line.	05.11.2018	21.16		21.07		25.02.2019	yes	
76	Work of construction of 06 nos. of 132 KV D/C towers from Ara (PG) to tower loc. No. 1 with ACSR Panther Conductor for connectivity of 2nd circuit of 132 KV D/C Ara (PG)- Jagdishpur Transmission line on turnkey basis.	15.12.2018	1.46	BRGF	1.46		31.07.2019	no	Banka-Jamui- 27.10, Jamui- Jamui-14.64
77	Replacement of 23 nos. 50 MVA and 01 no 20 MVA transformer by 24 nos. 132/33 KV, 80 MVA transformer along with associated bay work in existing GSS of Patna	30.06.2019	107.62	State Plan	106.5	86.16	30.06.2019	yes	To be Capitalised in 19-20
78	Construction of (2X160 MVA+2X50 MVA),220/132/33 KV GSS at Bihta (Patna) & associated 220,132 & 33 kv bays extension at remote end on turnkey basis	31.03.2019	59.15	State Plan	62.56	24.44	12.04.2019	yes	To be Capitalised in 19-20
79	Construction of 132 KV D/C Transmission Line between 220/132/33 KV Bihta (New) GSS and 132/33KV Upcoming Paliganj GSS NIT No.- 24/PR/BSPTCL/2016	31.12.2018	19.40	State Plan	19.4	13.1	31.12.2019	no	To be Capitalised in 19-20

Annexure C 5 & C 6

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2017

S/Sl No	NIT No	Description of Work	Agency	SDOC	Extended SDOC	Expected Time of completion	Delay in months	Reason For Delay	Status of time extension	Remarks
1	NIT NO: 71/PR/BSPTCL/2014	R&M of 132/33 KV Sitamathi, Ram Nagar, Pandhul, Chakra, Swan grid sub-station	M/s Powertech	20.03.2016	08.02.2017	30.10.2019		Delay in availability of required shutdown & Addition of scope.		PLCC & SST commissioning balance.
2	N.I.T. No. 322/PR/BSPTCL/2013	Package - "P" Addition of 132/33 KV Power Transformer at 132/33KV Pamband grid sub-station (Addition of 3 nos 132 KV bays and 4 nos 33 KV bays as well as PLCC equipments). 2. Replacement of 2X200MVA, 1120/33KV Power Transformer at 132/33KV Jhapur grid sub-station by 2X500MVA Power Transformer (Addition of 4 nos 33 KV bays). 3. Addition of 132/33KV Power Transformer at 132/33KV Gopalganj grid sub-station (Addition of 1 nos 132 KV bays and 4 nos 33 KV bays). 4. Addition of 132/33KV Power Transformer at 132/33KV Swan Grid sub-station (Addition of 1 nos 132 KV bays and 4 nos 33 KV bays). 5. Addition of 2X500MVA 132/33KV Power Transformer at 132/33KV Moudan grid sub-station (Addition of 3 nos 132 KV bays and 8 nos 33 KV bays as well as PLCC equipments). 6. 330 MVA, 132/33 KV	M/s Skipper Electricl	12.12.2014	31.01.2018	37	37	Addition of Scope of work as per field requirement	Approval upto 31.01.2018 in SPCC	Completed
3	N.I.T. No. 427/PR/BSPTCL/13	Package - "A" R&M of 132/33 KV Chandauli, Nawadaha, Rafiganj grid sub-station. Package - "C" R&M of 132/33 KV Sone Nagar, Karmusha, Arab, Dumvaon grid sub-station. Package - "D" R&M of 132/33 KV Sultanpuri, Sabaur, Kahaigraon grid sub-station.	M/s Powertech	03.03.2015	21.12.2016		21	Reconciliation completed		Completed
3	N.I.T. No. 427/PR/BSPTCL/13	Package - "E" R&M of 132/33 KV Saharsa, Katihar grid sub-station.	M/s GE T & D	03.03.2015	30.10.2016	31.01.2019	46	Work delay due to non availability of shutdown. Reconciliation completed	All work completed except repairing of defective CRB of GSS Karmusha	Completed
4	NIT 93/PR/BSPTCL/2014	Package - "E" R&M of 132/33 KV Lakhisarai, Jamui, Hariduh grid sub-station. Construction GSS Harihara, Mahuriganj, Narkanyaganj & Ateran	M/s GE T & D	03.03.2015	30.10.2016	30.10.2019	55	1 Due to delay in supply of cable from BSPTCL. 2 Due to delay in finalization of specification of road and finalization of arrangement of wave trap mounting. 3 Due to delay in finalization of mounting of wave trap Delay in availability of required shutdown for 132KV main bus strengthening work on account of summer and festive seasons		P. CC - work balance at Haridrah & Lakhisarai
5	NIT 62/PR/BSPTCL/2014, Pkg A	Construction GSS Chakya, Jhapjharpur & Pakridayal	M/s Safety	20.03.2016	15.10.2017		31	Due to non finalization of road in side GSS and delayed land handover.	All works completed except punch points and PLCC commissioning at GSS Narkanyaganj	Completed
5	NIT 62/PR/BSPTCL/2014, Pkg A	Construction GSS Chakya, Jhapjharpur & Pakridayal	M/s Safety	21.03.2016	31.03.2019	30.10.2019	42	Delay in land handover. Addition of retaining wall at GSS Jhapjharpur. Delay in finalization of type of road.	All works at GSS Chakya & Jhapjharpur completed. Gravel filling & approach road work at GSS Pakridayal balance	

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12/10/2019

Sl No	NIT No	Description of Work	Agency	SDOC	Extended SDOC	Expected Time of completion	Delay in months	Reason For Delay	Status of time extension	Remarks
6	NIT 45/PR/BSPTCL/2015	Construction GSS Sivara New	M/s Geptee	03.02.2017	31.07.2018	30.10.2019 (except for 3rd T/F commissioning)	32	Due to delay in land hand over	80% work completed 01 LM erection, gravel filling, PLC commissioning, balance 01 Transformer is to be provided by BSPTCL.	
7	NIT 10/PR/BSPTCL/2016	Construction of 132/33 KV GSS Jagdishpur (Bhagalpur-new)	M/s Powertech	03.03.2017	10.07.2019 (due to delay in land hand over)	30.11.2019	9	Due to delay in land hand over and getting forest clearance for shifting of trees line in GSS area.		
8	NIT 24/PR/BSPTCL/2015	Strengthening of 132 and 33 kv Main Bus and transfer Bus	M/s KRTPPL	16.07.2016	31.12.2018 (3rd time extension)	15.07.2019		Due to addition of additional no. of GSS keeping in view requirement at site.	All work completed	
9	NIT 05/PR/BSPTCL/2014	Construction of 02 nos. of 132KV line bay at 132/33KV Udakhunganj GSS, 04 nos. of 132KV line bay at both 132/33KV Kusheshwarsthan GSS & 132/33 KV Sonebarsa GSS and 01 no. of 132/33KV Transformer bay at 132/33 KV Kataiya GSS under BRGF Phase III, N-1 compliance.	M/s KPM	26.09.2015	31.07.2018 (2nd Time Extension)	All work completed except punch point of Kataiya like handing over of spare item and few civil work like PCC and gravelling etc.	47	Delay in land hand over for Kataiya and non readiness of new control room at Kataiya and due to addition of construction of transformer bay at GSS, Ekma.	31.06.2019 under process	
10	91/PR/BSPTCL/2014	construction of 132/33 kv Grid Sub-Station at Teghra (2x20 MVA) Simri Bakhtiyarpur (2x20 MVA), and Tarapur (2x20 MVA)	M/s KPM	20.03.2016	Teghra GSS- 30.09.2017 Tarapur GSS- 30.08.2017 Simri Bakhtiyarpur GSS- 31.10.2017.	31.10.2019	45	(i) Land owner did not permit the construction of GSS due to dispute of land at GSS, Teghra, change in specification of switchyard road and indoor illumination system. (ii) Due to defect in transformer no. 01 at GSS, Teghra. After rectification has been charged.	Proposal to be submitted	
11	92/PR/BSPTCL/2014	construction of 132/33KV Grid Sub-Station at Araria (2x50MVA), Dhumdaha (2x50MVA), Itaisi (2x50MVA) and Barsoi (2x50MVA),	M/s G.T & D India Ltd.	20.03.2016	31.12.2018 (fourth Time extension)	31.10.2019	45	Due to delay in land hand over, Additional order for LED light, retaining boundary wall and approach road.		
12	38/PR/BSPTCL/2014	construction of LULO of 132KV S/C Madhepura-Sonebarsa Transmission Line on D/C tower at Sonebarsa GSS existing	M/s VSP	09.08.2015	31.07.2018	31.10.2019		Delay in getting approval from Railway for Railway crossing.		
13	05/PR/BSPTCL/2016	Construction of associated 132KV Line bays (No. of bays-05) for second circuit stringing of existing 132KV Double circuit Single String Tr. line under Transmission C. rule, Purnea	M/s VSP	01.09.2016	Sonebarsa- 01.02.2017 Bakhtiyarpur- 01.12.2016 Madhepura- 01.11.2016 Sonebarsa- 01.12.2016.	31.10.2019		Due to addition of work for construction of additional Gantry and beam along with BPI structure for connectivity of 2nd circuit 132KV Madhepura line and 2nd circuit 132KV Udakhunganj at 132/33KV Sonebarsa GSS.		
14	30/PR/BSPTCL/2017	Construction of 3x45 MVA, 132/33 KV GSS Raghopur	M/s ABN	4.01.2019		30.11.2019	9	Due to additional work of retaining boundary wall and construction of approach road.	Under process	
15	22/PR/BSPTCL/2015	Construction of LULO of one circuit of 132 KV Bettiah - Dhumdaha (Maharaja) transmission line (U/C) at 132/33 KV Grid Sub-Station, Ramnagar by constructing new 132 KV D/C transmission line with ACSR Panther Conductor on turnkey basis under BRGF/ Special Plan, N-1 Compliance Scheme.	M/s KRTPPL	13.08.2015	31.01.2018	Changed on 04.07.2019	17	Prolonged ROW issue. Time extension upto 31.05.2019 is already put up in SPC.	Time extension upto 31.05.2019 under process.	

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Sl No	NTF No	Description of Work	Agency	SDOC	Extended SDOC	Expected Time of completion	Delay in months	Reason for Delay	Status of time extension	Remarks
16	27/PR/BSPTCL/2015	Construction of entire kit over work of 220kv D/C transmission Line with ACSR Zebra conductor between GSS Begusarai and Purnea (PCCII) under RSV and state plan scheme	M/s KRIPPL	24.11.2016	31.03.2019	30.04.2019	29	Due to sudden increase of water level in Koshi river in last week of March, the temporary island/working platform had to be built. Hence, stringing took more time. Time extension upto 30.04.2019 is already put up in SPC.	Time extension upto 30.04.2019 under process.	Work completed. Line charged.
17	58/PR/BSPTCL/2015	Construction of 01 Nos. of 33 KV line bay at GSS Haxaul for 33/11 KV PSS Maintained on turnkey basis under Internal Resource Fund.	M/s Gopdec Infotech Pvt. Ltd.	20.11.2015	-	Charged on 05.02.2018	27	Due to heavy rainfall & flood & unavailability of sand. Time extension upto 31.03.2019 is already put up in SPC.	Time extension upto 31.03.2019 under process.	
18	37/PR/BSPTCL/2017	Supply, installation, testing & commissioning of DLM5 compliant 0.2% class ABT type energy meter with implementation of 100% metering, data acquisition and online AMI monitoring for the transmission & sub transmission substations up to 33 KV level, monthly energy accounting and service maintenance for a period of 5 years	M/s Secure Meters Ltd.	28.06.2019	-	28.10.2019	4	Due to amendment order issued for additional 46 nos. GSSs in order to furnish detail Energy Accounting to BEAC. Time extension upto 28.10.2019 is already put up in SPC.	Time extension upto 28.10.2019 under process.	
19	31/PR/BSPTCL/2017	Construction of IJ/D of one circuit of 132/33KV Laukahi-Supaul Transmission line at GSS Itaghopur	M/s RS InfraProjects Pvt. Ltd.	17.12.2018	-	29.08.2019	8	ROW issues, water logging due to rain and non readiness of parent line. The line is presently charged from Supaul-Kataiya line. Time extension upto 29.08.2019 is under process.	Time extension upto 28.08.2019 under process.	
20	15/PR/BSPTCL/2015 (PKg-D, Laukahi)	1. Construction of 220KV D/C Trans. Line from Laukahi GSS to 132/33KV GSS Supaul and 2. Darbhanga(400/220KV) GSS to 220/132/33KV Laukahi	M/s L&T Ltd.	20.06.2016	28.02.2019	15.12.2019	42	ROW issue and change in termination plan at Supaul GSS end.		
21	94/PR/BSPTCL/2014,	Construction of 7x20MVA 132/33KV GSS Mahnar, Pupri, Benparti, Rasera	M/s Powertech Engineers	20.03.2016	31.10.2017	30.04.2019	37	<ul style="list-style-type: none"> During Monsoon Period, the work hampered in construction of road, yard PCC & gravel Approach road was not available to reach at prepared site. Transportation to site became difficult specially during monsoon. Delay in approval of road as technical specification has been changed after award of contract. Crisis in availability of sand and gravel almost 3 months in whole Bihar 	Time extension upto 30.04.2019 under process.	
22	30/PR/BSPTCL/2015	Capacity Augmentation by addition of 09 nos. 50MVA, 132/33 KV at different GSS of BSPTCL	M/s Powertech Engineers	12.08.2016	27.03.2017	31.07.2019	36	Change in scope of work		
23	06/PR/BSPTCL/2016,	R&M of 132/33 KV Darbhanga, Itetiah, Motihari, Muzaffarpur grid sub-station.	M/s Powertech Engineers	03.03.2016	-	30.09.2019	42	Delay in getting S/D and during rainy season site could not be approached		
24	24/PR/BSPTCL/2014	Construction of 220/132/33 KV Motipur GSS	M/s GE T&D India Ltd.	17.11.2015	22.08.2017	30.10.2019		(i) Due to Space constrain/Clearance for work related to Link road, dismantling of LM Tower, foundation etc.		
25	33/PR/BSPTCL/2014	Construction of 220/132/33 KV Laukahi GSS	M/s GE T&D India Ltd.	20.05.2016	30.06.2018	30.11.2019	42	Due to bad condition of approach road particularly in rainy season. Unavailability of sand. Addition in scope of work at 132/33 KV GSS Supaul		

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Sl No	NIT No	Description of Work	Agency	SDOC	Extended SDOC	Expected Time of completion	Delay in months	Reason For Delay	Status of time extension	Remarks
26	34/PR/BSPTCL/2015,	Construction of 04 nos 132KV Line bays under package A Dhuku, Motipur, Samastipur, Kusheswarsthan	M/s Gopdee Infrotech Ltd.	27.04.2016		05.04.2018	24	(i) Delay in approval of layout due to change in orientation of bay at Kempatti, Samastipur & Motipur GSS. Also the approved of civil foundation drawing were delayed. Accordingly the work was started by agency after getting final approval. (ii) Due to ban on mining of sand in Bihar, the supply of sand stop stepped at site for approx. 2 months. (iii) End to end testing of PLCC system got delayed due to non readiness of Transmission line and remote end substation. (iv) The energization of bays at Motipur, Samastipur, Kusheswarsthan was delayed due to delay in incoming line	Put up on SPC	
27	54/PR/BSPTCL/2014,	Construction of 220 KV line bays at 220 KV GSS Darbhanga (02 nos.)	M/s ABN	24.05.2016	11.07.2018	31.12.2019	43	Non availability of Land, Work for civil portion awarded separately on 30.05.2019 with completion period up to 29/09/2019.	Proposal for extension upto 31.02.2018 is put up in SPC	
28	52/PR/BSPTCL/2016	Construction of 23 Nos. of Pile foundations including setting of stubs and earthing system on river koshi for 220KV D/C Laukahi-Suapui T/L	M/s Kumar Piyush	29.09.2017	30.04.2019	25.05.2019	20	(i) Water logging problems in rainy season due to frequent throttling of water from Nepal. (ii) Non availability of sand. (iii) Finalization of additional two nos. of Pile foundations due to change in transmission corridor due to settlement of houses under the existing corridor as well as change in the course of the river Koshi	Put up in SPC	
29	35/PR/BSPTCL/2017	restoration of different Transmission lines (Total - 06 nos.) of BSPTCL by constructing Pile foundations (Total - 14 nos.) Height rising (01 no.) on turnkey basis against NIT no. 35/PR/BSPTCL/2017 under O&M head on FIRM Prices.	M/s New Modern Technom eech Pvt. Ltd	21.11.2018	30.04.2019	31.12.2019	13	Delay in getting S/D and during rainy season site could not be approached		
30	04/PR/BSPTCL/2016	Construction of 08 nos. 132 KV Line bays under Trans. Circle, Muzaffarpur for 2nd ckt. stringing of existing 132 KV DCSS trans. Line at Madhubani-2, Kusheshwarsthan, Pandisal, Jainagar-2, Ekma & Phulparas	M/s Kanti Pd. Mittal, Meerut	30.09.2018	07.06.2018 (After 1st extension of Time)	31.10.2019	13	Due to space constraint at GSS Phulparas Land could not be taken on lease due to non-agreement of land owners.	Proposal to be submitted	
31	62/PR/BSPTCL/2015, Pkg-II	Construction of 132/230KV, (2x10 MVA) GSS Bembar	M/s Kanti Pd. Mittal, Meerut		16.05.2018	30.11.2019	19	Delay in land handing over for control room area etc. 21.05.2019	Upto 16.05.2018	
32	18/PR/BSPTCL/2015	Construction of 132 kv D/C Transmission Line with ACSR Partner conductor between 137/33 kv Darbhanga Grid Substation and 132/33 kv Chandanpatti (Gauriswara) Grid Substation (RL- 10KM) on Turnkey Basis.	M/s. V/S/MI SYSTEM PVT. ; LD.	13.05.2016	31.03.2018	15.08.2019	16	Due to huge R.O.W and shifting of existing 132KV Durbhanga - Pandaul Trans line.		

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Sl No	NIT No	Description of Work	Agency	SDOC	Actual / LDOC	Period of Delay (DD-MM-YY)	Reason	Remarks
46	ICB 23/PKG-C-1/BSPTCL/AD/2016	Capacity augmentation of 220/132/33 KV & 132/33 KV Grid Substation Madhepura, Naugachia, Vaishali, Gangwara, Jamui, Ara and Bihta	M/S KPM	31-10-2016	05-04-2019	04-06-02	Due to shutdown, GST, site hand over	
47	ICB 25/PKG-F-1/BSPTCL/AD/2016	Procurement and construction of 33 KV line bays in form of Indoor VCB panels at 10 nos. of AIS sub-station under transmission circle, Purnea	M/S KPM Siemens	28-10-2017	30-11-2019	01-02-02	Due to shutdown, Sand issue, demonetisation, GST and change in design and scope of work as per site condition.	
48	ICB 26/PKG-F-1/BSPTCL/AD/2016	Procurement and construction of 33 KV line bays in form of Indoor VCB panels at 21 nos. of AIS sub-station under transmission circle, Muzaffarpur	M/S Powertech-Siemens	31-10-2017	30-11-2019	29-01-02	Due to shutdown, Sand issue, demonetisation, GST and change in design and scope of work as per site condition.	
49	ICB 29/PKG-G-1/BSPTCL/AD/2016	Procurement and construction of 33 KV line bays in form of Indoor VCB panels at 08 nos. of AIS sub-station under transmission circle, Biharsharif	M/S Gepdec siemens	31-10-2017	31-10-2019	30-12-01	Due to shutdown, Sand issue, demonetisation, GST and change in design and scope of work as per site condition.	
50	NIT No. 183/PR/BSPTCL	Construction of 220 KV Bihta(new)-Siparai(Patna) D/C Transmission line, 220 KV Bihta(new)-Bihta(existing) D/C linking lines from Bihta(new) 220/132/33 KV GSS on turnkey basis.	M/S KRRTPL	29-01-2015	12-04-2019	13-03-04	Due to severe Row	
51	61/PR/BSPTCL/2015	Renovation & Up gradation of Protection and Control Systems of 220/132KV Grid Substation at Biharsharif, Fatuha, Boudhgaya, Dehri On Stone, Khagaul and 132/33KV Grid Substation Katiya on turnkey basis	M/S GE T&D India Ltd	31-12-2016	31-12-2019	30-12-02	There was site specific requirement for change in design, scope of work for improvement in existing system for reliable and quality power supply	
52	74/PR/BSPTCL/2015	Second circuit stringing of existing 04 nos of 132KV Double circuit Single strung transmission line: 1) 132KV Biharsharif- Ekangarsarai- Hulasganj(Except LILLO point to Ekangarsarai)(48.14CKM) 2)132KV Biharsharif- Nawada(48.89CKM) 3)132KV Biharsharif- Sheikhpura(38.78CKM) 4)132KV Jamui-sheikhpura(51.9CKM)	M/S Ramjee Power construction Ltd.	01-12-2016	10-05-2019	08-06-02	Due to Additional scope of work Due to delay in shutdown of 220 KV BSF-TTPS line by ERI/DC	
53	01/PR/BSPTCL/2016	Construction of 08 nos. 132 KV Line bays each at - Belaganj 01 no., Hulasganj-01 no., Jehanabad -01 no., Tekari-02 no., Ataula-01 no., Chandauti-01 no., Nawada-01 no. under Trans. Circle, Gaya for 2nd ekt. stringing of existing 132 KV DCSS	M/S KPM	01-09-2016	30-11-2019	30-03-03	There was site specific requirement for change in design, scope of work for improvement in existing system for reliable and quality power supply	
54	02/PR/BSPTCL/2017	Construction of 132KV S/C Transmission Line for Solar PV Project of M/s Alfa Infraprop Pvt. Ltd. at Bhagaura from 132KV GSS Raliganj and Construction of 01 no. 132KV line bay at GSS Raliganj against NIT No.-02/PR/BSPTCL/17	M/S KRRTPL	26-09-2017	04-07-2018	07-10-20	Due to ROW, Sand issue, demonetisation & GST	

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55	68/PR/BSPTCL/2014	Construction of 11 Nos. of line bays at Sherghati - 01, Imamganj - 01, Sonenagar-02, Aurangabad-02, Ara-02, Jagdishpur-03 & 1 No. of T/F bay at Sherghati against NIT No.-68/PR/BSPTCL/14	M/S KPM	08-12-2015	27-09-2019	20-10-03	Due to Additional Civil work at Jagdishpur & Civil work at Sherghati
56	72/PR/BSPTCL/2015	Second Circuit Stringing of Existing 03 Nos. of 132 KV Double Circuit Single Strung Transmission Line: i) GSS Belagunj to tapping point of L-32 & L-33 Trans. Line 2.5 CKM ii) 132 KV Gaya - Tekari and 132 KV Tekari-Goh 51.8 CKM iii) 132 KV Jehanabad-Ataula (Karp) 22.57 CKM Under Transmission Circle Gaya on Turnkey Basis under State Plan on FIRM prices against NIT No. 72/PR/BSPTCL/15	M/S WSPL	02-03-2016	05-01-2019	04-11-02	Due to Row & Shutdown Delay in Railway crossing approval by ECR
57	84/PR/BSPTCL/2015	Construction of 3x50MVA, 132/33KV GSS Ramgarh (Kaimur dist.) and Warisganj (Nawada Dist.) on turnkey basis against NIT No. 84/PR/BSPTCL/15	M/S KPM	03-02-2017	30-11-2019	20-10-02	Additional length of road was required for better manner of heavy vehicle with power transformer Add. Road work awarded Jan- 19 for Ramgarh
58	ICB 24/PKG-D-1/BSPTCL/ADB/2016	Procurement and Construction of 33KV line bays in form of Indoor VCB panels at 06 nos. of AIS Sub-station under Transmission Circle Bhagalpur against 24/Package D-1/ BSPTCL/ADB/16	M/S KPM	28-10-2017	30-06-2019	01-09-17	Due to shutdown, Sand issue, demonetisation, GST and change in design and scope of work as per site condition.
59	ICB 31/PKG K-1/BSPTCL/ADB/2016	Procurement and Construction for Re-conductoring of 06 nos. 132KV Transmission lines against 31/Package K-1/BSPTCL/ADB/16	M/S KRTPPL	30-01-2018	30-06-2019	30-05-01	Due to non availability of railway Blocking
60	ICB 33/PKG M-1/BSPTCL/ADB/2016	Procurement and Construction for Re-conductoring of 06 nos. 132KV Transmission lines against 33/Package M-1/BSPTCL/ADB/16	M/S KRTPPL	30-01-2018	30-06-2019	30-05-01	Due to non availability of railway Blocking
61	83/PR/BSPTCL/2015	i) LILO of one ckt. At north of mucliani railway station from 132KV D/C Pusouli (New) - Mohania Trans. Line to proposed 3x50 MV Ramgarh GSS (BSPTCL of route length 20Kms. ii) LILO of 132KV Line Biharsharif - Nawada D/C Trans. Line - Warsaliganj (New) GSS of Route length 40Kms.iii) LILO of one Ckt. Of 132KV Chhapra - Siwan Transmission Line - Siwan (New) GSS near Darauli of route length 45Kms. Turnkey basis under Under State Plan.	M/S L&T	29-12-2016	11-08-2018	12-08-01	Due to delay in connecting GSS land Finalization
62	08/PR/BSPTCL/2017	3X50 MVA, 132/33 KV GSS Kerpa	M/S Gepdec	11-02-2019	30-10-2019	17-09-00	Due to delay in land handover, Sandissue , demonetisation & GST
63	ICB 7/Pkg-1 BSEB/ADB/2010	Construction of 132KV Lines and 33KV Lines	M/S ECI	29-05-2014	11-07-2019	03-01-05	Agency is debarred due to slow progress

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Sl. No.	Project Name	Agency	Start Date	End Date	Completion Date	Remarks
64	ICB 8/Pkg-j BSEB/AOB/2010	M/S ECI	29-05-2014	01-08-2019	04-01-05	Agency is debarred due to slow progress
65	ICB 28/Pkg K-1/BSPTCL/AOB/2016	M/S KPM	29-10-2017	30-06-2019	31-08-01	Due to shutdown, Sand issue, demonetisation, GST and change in design and scope of work as per site condition.
66	ICB 30/Pkg-1/BSPTCL/AOB/2016	M/S Gepdec	31-01-2018	30-06-2019	29-05-01	Due to shutdown, Sand issue, demonetisation, GST and change in design and scope of work as per site condition.
67	ICB 32/Pkg-1/BSPTCL/AOB/2016	M/S KRRTPL	31-01-2018	30-06-2019	29-05-01	Shut down unavailability
68	ICB 36/Pkg P-1/BSPTCL/AOB/2017	M/S Yash	17-05-2019	30-10-2019	14-08-20	Non availability of cloud server
69	12/PR/BSPTCL2016/Pkg-4	M/S R.S Infra	30-08-2016	19-05-2019	18-09-17	i. Land of Khagaria (New) GSS not finalization ii. Delay in Handover of Land of Khagaria GSS iii. ROW
70	12/PR/BSPTCL/2016/PKG-8	M/S KRRTPL	30-08-2017	30-06-2019	30-09-17	i. Delay in Handover of Land of Khagaria (New) GSS ii. Approach Road iii. ROW in construction of Boundary wall
71	41/PR/BSPTCL/2015	M/S Shreem Electric	26-08-2016	31-12-2019	06-05-03	i. Delay in Handover of Land of Khagaria (New) GSS ii. Approach Road iii. ROW in construction of Boundary wall
72	86/PR/BSPTCL/15	M/S Gepdec	30-12-2016	19-02-2019	19-02-12	Delay in Handover of Land
73	87/PR/BSPTCL/2015	M/S L&T	30-12-2016	31-10-2019	31-10-02	i. Due to Non finalization of Land of Jagdishpur(Bhagalpur) Korhe GSS, Jamui (New) GSS ii. Change in Route of Bhagalpur Line to avoid large no of tree cutting.
74	59/PR/BSPTCL/2014 Pkg B	M/S VSPL	26-08-2016	31-12-2019	12-05-03	Server ROW issue
75	59/PR/BSPTCL/2014 Pkg C	M/S KRRTPL	21-03-2016	25-02-2019	06-12-02	Server ROW issue
76	19/PR/BSPTCL/2019	M/S KRRTPL	26-09-2018	27-09-2019	31-12-00	ROW Problem at 01 location


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77	34/PR/BSPTCL/2017	Replacement of 23 nos. 50 MVA and 01 no 20 MVA transformer by 24 nos. 132/33 KV, 80 MVA transformer along with associated bay work in existing GSS of Patna	M/S KEL	30-11-2018	30-12-2019	09-01-01	Shutdown problem
78	62/PR/BSPTCL/2013	Construction of (2X160 MVA+2X50 MVA), 220/132/33 KV GSS at Bihta (Patna) & associated 220, 132 & 33 kv bays extension at remote end on turnkey basis	M/S GE T&D	25-08-2014	12-04-2019	17-08-04	ROW issue
79	24/PR/BSPTCL/2016	Construction of 132 KV D/C Transmission Line between 220/132/33 KV Bihta (New) GSS and 132/33KV Upcoming Paliganj GSS NIT No. 24/PR/BSPTCL/2016	M/S KRTPPL	17-11-2017	31-12-2019	12-02-02	Grid land not finalise and ROW issue
80	ICB 27/Pkg G-1/BSPTCL/ADB/2016	Procurement and construction of 33 KV line bays in form of Indoor VCB panels at 12 nos. of AIS sub-station under transmission circle, Gaya against ICB-27/Pkg G-1/BSPTCL/ADB/16	M/S Powertech-Siemens	29-10-2017	30-06-2019	11-08-03	Due to shutdown, Sand issue, demonetisation, GST and change in design and scope of work as per site condition.

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