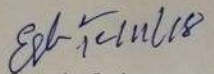
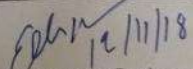


Electricity Consumption of GSS and Colony

Name of GSS	Whether metered connection taken to measure auxiliary consumption, if so provide details with service connection number	Annual consumption and electricity charges towards auxiliary consumption	Whether separate metered connection taken to colony consumption, if so, provide details with service connection number	Annual consumption and electricity charges towards consumption
220/132/33KV GSS Samastipur	yes, Consumer no.-11320064613	Consumption- 20,000kwh(approx), Charges- 20,00,000(approx)	NA	NA


Asst. Executive Engineer
220/132/33KV GSS Samastipur

GSS LAND ASSET		
GSS:-220/132/33KV GSS SAMASTIPUR		
Sr. no.	LOCATION	
1	Name of GSS	SAMASTIPUR
2	LOCATED AT	220/132/33KV GSS SAMASTIPUR
3	BLOCK	UJIARPUR
4	POLICE STATION	UJIARPUR
5	SUB-DIVISION	UJIARPUR
6	DISTRICT	DALSINGHSARAI
7	TRANSMISSION DIVISION	SAMASTIPUR
8	TRANSMISSION CIRCLE	SAMASTIPUR
9	GPS CO-ORDINATE	DARBHANGA
		85.781074, 25.862854
LAND DETAIL		
10	INITIAL AREA	20.317 ACRE
11	WHETHER IT WAS	
	(i) A GOVT. LAND(STATE TYPE GM)	20
	(ii)PRIVATE LAND	0.317
	IF PRIVATE LAND WHEATHE	
	(i) PURCHASED	
	(ii)ACQUIRED	ACQUIRED
	(iii) LEASED LAND	
12	YEAR OF PURCHASED OR ACQUISITION	2013
13	WHETHER MUTATION COMPLETED	
14	COST OF THE LAND (AT THE TIME OF PROCUREMENT	1,44,00,000.00
15	WHEATHER MORE LAND WAS PURCHASED /ACQUIRED/LEASED IN FOR GSS EXTENTION WORK? IF YES,GIVE DETAIL	NO
16	AREA OF THE EXTRA LAND	
17	COST	
18	YEAR OF LEASE/PURCHASE EXTRA LAND	
19	TOTAL AREA AT PRESENT	20.317 ACRE
	DETAIL OF LAND(KHATA/KHESERA)	2,28,605
	THANA NO.	228
	NAME OF MUNICIPALITY/NAGAR PARISAD ETC	
	WARD NO./CIRCLE NO./HOLDING NO.	
	AMOUNT OF EARLY LAND RELATED TAXES	
	TAX CLEAR UP TO	
20	LAND RECORDS AVAILABLE WITH	


 Asst. Executive Engineer
 220/132/33KV GSS Samastipu

Details of Existing Equipment

Name of Circle :-

Name of GSS :- 220/132/33KV GSS Samastipur

Sl.no.	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
	1st line bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	
		3 Phase Circuit Breaker	1	SIEMENS	
		1-Ph CVT	3	SIEMENS	
		LA	3	CGL	
		1-PH Current Transformer	3	MEHRU	
		3 Phase Isolator with/with earth switch	4	SIEMENS	
	2nd bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	31/03/2017
		3 Phase Circuit Breaker	1	SIEMENS	31/03/2017
		1-Ph CVT	3	SIEMENS	31/03/2017
		LA	3	CGL	31/03/2017
		1-PH Current Transformer	3	MEHRU	31/03/2017
		3 Phase Isolator with/with earth switch	4	SIEMENS	31/03/2017
	3rd bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	
		3 Phase Circuit Breaker	1	SIEMENS	
		1-Ph CVT	3	SIEMENS	
		LA	3	CGL	
		1-PH Current Transformer	3	MEHRU	
		3 Phase Isolator with/with earth switch	4	SIEMENS	14/10/2016
	220KV Line bay 4th bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	
		3 Phase Circuit Breaker	1	SIEMENS	
1-Ph CVT		3	SIEMENS	13/08/2016	

	LA	3	CGL	
	1-PH Current Transformer	3	MEHRU	
	3 Phase Isolator with/with earth switch	4	SIEMENS	
5th bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	13/08/2016
	3 Phase Circuit Breaker	1	SIEMENS	
	1-Ph CVT	3	SIEMENS	
	LA	3	CGL	
	1-PH Current Transformer	3	MEHRU	
	3 Phase Isolator with/with earth switch	4	SIEMENS	
6th bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	13/08/2016
	3 Phase Circuit Breaker	1	SIEMENS	
	1-Ph CVT	3	SIEMENS	
	LA	3	CGL	
	1-PH Current Transformer	3	MEHRU	
	3 Phase Isolator with/with earth switch	4	SIEMENS	
TBC bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	10-05-2016
	3 Phase Circuit Breaker	1	SIEMENS	
	1-Ph CVT	0		
	LA	0		
	1-PH Current Transformer	3	MEHRU	
	3 Phase Isolator with/with earth switch	3	SIEMENS	
1st bay	Transformer Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	29/09/2016
	3 Phase Circuit Breaker	1	SIEMENS	29/09/2016
	LA	3	CGL	29/09/2016

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220/132KV Transformer bay (HV)		1-PH Current Transformer	3	MEHRU	29/09/2016
		3 Phase Isolator with/with earth switch	4	SIEMENS	29/09/2016
	2nd bay	Transformer Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	30/08/18
		3 Phase Circuit Breaker	1	SIEMENS	30/08/18
		LA	3	CGL	30/08/18
		1-PH Current Transformer	3	SIEMENS	30/08/18
		3 Phase Isolator with/with earth switch	4	SIEMENS	30/08/18
220/132KV Transformer bay (LV)	1st bay	Transformer Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	29/09/2016
		3 Phase Circuit Breaker	1	SIEMENS	30/09/2016
		LA	3	CGL	29/09/2016
		1-PH Current Transformer	3	MEHRU	29/09/2016
		3 Phase Isolator with/with earth switch	3	SIEMENS	29/09/2016
	2nd bay	Transformer Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	30/08/18
		3 Phase Circuit Breaker	1	SIEMENS	09-01-2018
		LA	3	CGL	30/08/18
		1-PH Current Transformer	3	MEHRU	30/08/18
		3 Phase Isolator with/with earth switch	3	SIEMENS	30/08/18
220KV Buscoupler bay		Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	10-05-2016
		3 Phase Circuit Breaker	1	SIEMENS	
		1-Ph PT	0		
		LA	0		
		1-PH Current Transformer	3	MEHRU	
		3 Phase Isolator with/with earth switch	2	SIEMENS	
	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	10-06-2016	
3 Phase Circuit Breaker	1	SIEMENS	10-06-2016		

132KV Line bay	1st bay	1-Ph CVT	3	SIEMENS	10-06-2016	
		LA	3	CGL	10-06-2016	
		1-PH Current Transformer	3	MEHRU	10-06-2016	
		3 Phase Isolator with/with earth switch	3	SIEMENS	10-06-2016	
	2nd bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	10-06-2016	
		3 Phase Circuit Breaker	1	SIEMENS	10-06-2016	
		1-Ph CVT	3	SIEMENS	10-06-2016	
		LA	3	CGL	10-06-2016	
		1-PH Current Transformer	3	MEHRU	10-06-2016	
	3rd bay	3 Phase Isolator with/with earth switch	3	SIEMENS	10-06-2016	
		Line Control & Relay Panel with Distance protection & O/C E/F protection	1	MICOM	05-02-2018	
		3 Phase Circuit Breaker	1	SIEMENS	05-02-2018	
		1-Ph CVT	3	ALSTOM	05-02-2018	
		LA	3	LAMCO	05-02-2018	
		1-PH Current Transformer	3	SCT LTD.	05-02-2018	
	132/33KV Transformer bay (HV)	1st bay	3 Phase Isolator with/with earth switch	3	FARADAY	05-02-2018
			Transformer Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	24/10/2016
			3 Phase Circuit Breaker	1	SIEMENS	24/10/2016
LA			3	CGL	24/10/2016	
1-PH Current Transformer			3	MEHRU	24/10/2016	
2nd bay		3 Phase Isolator with/with earth switch	3	SIEMENS	24/10/2016	
		Transformer Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	10-06-2016	
		3 Phase Circuit Breaker	1	SIEMENS	10-06-2016	
		LA	3	CGL	10-06-2016	
		1-PH Current Transformer	3	MEHRU	10-06-2016	
		3 Phase Isolator with/with earth switch	3	SIEMENS	10-06-2016	

132/33KV Transformer bay (LV)	1st bay	Transformer Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	24/10/2016
		3 Phase Circuit Breaker	1	ABB	25/10/2016
		LA	3	CGL	24/10/2016
		1-PH Current Transformer	3	MEHRU	24/10/2016
		3 Phase Isolator with/with earth switch	3	SIEMENS	24/10/2016
	2nd bay	Transformer Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	10-06-2016
		3 Phase Circuit Breaker	1	ABB	10-07-2016
		LA	3	CGL	10-06-2016
1-PH Current Transformer		3	MEHRU	10-06-2016	
	3 Phase Isolator with/with earth switch	3	SIEMENS	10-06-2016	
132KV Buscoupler bay		Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	10-05-2016
		3 Phase Circuit Breaker	1	SIEMENS	
		1-Ph PT	3	SIEMENS	
		LA	0	CGL	
		1-PH Current Transformer	3	MEHRU	
	3 Phase Isolator with/with earth switch	2	SIEMENS		
	1st bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	10-09-2016
		3 Phase Circuit Breaker	1	ABB	
		LA	3	CGL	
		1-PH Current Transformer	3	MEHRU	
		3 Phase Isolator with/with earth switch	3	SIEMENS	
	2nd bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	
		3 Phase Circuit Breaker	1	ABB	
		LA	3	CGL	
	1-PH Current Transformer	3	MEHRU		


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33KV feeder

	3 Phase Isolator with/with earth switch	3	SIEMENS	
3rd bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	
	3 Phase Circuit Breaker	1	ABB	
	LA	3	CGL	
	1-PH Current Transformer	3	MEHRU	
	3 Phase Isolator with/with earth switch	3	SIEMENS	
4th bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	
	3 Phase Circuit Breaker	1	ABB	
	LA	3	CGL	
	1-PH Current Transformer	3	MEHRU	
	3 Phase Isolator with/with earth switch	3	SIEMENS	
5th bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	
	3 Phase Circuit Breaker	1	ABB	
	LA	3	CGL	
	1-PH Current Transformer	3	MEHRU	
	3 Phase Isolator with/with earth switch	3	SIEMENS	
6th bay	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	
	3 Phase Circuit Breaker	3	ABB	
	LA	3	CGL	
	1-PH Current Transformer	3	MEHRU	
	3 Phase Isolator with/with earth switch	3	SIEMENS	
33KV Buscoupler	Line Control & Relay Panel with Distance protection & O/C E/F protection	1	GE	
	3 Phase Circuit Breaker	1	ABB	
	1-Ph PT	3	SIEMENS	
	LA	0	CGL	

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		1-PH Current Transformer	3	MEHRU	
		3 Phase Isolator with/with earth switch	2	SIEMENS	
Other Substation Equipments					
Battery Charger	1		1	AMRA RAJA	
	2		1	AMRA RAJA	
		ACDB		VIKAS POWER	
		DCDB(110V/48V)		VIKAS POWER	
Battery Bank	1		1	AMRA RAJA	
	2		1	AMRA RAJA	
PLCC Equipment		1. Isolator	NA		
		2. Battery Charger	2	AMRA RAJA	
		3. Panel	10	ABB	
		4. Telephone	6	ABB	
Hydrant system with pipe arrangement			1 SET	HD FIRE PROTECT PVT. LTD	
Fire Fighting Equipment			14	KANEX	
Earthing Rods			6	JINDAL PANTHER	
Tools & Tackles (Spanners, Wrench.. Etc. (set/Piece)			1 set	TAPARIA, JE TECH TOOS	
Testing Equipments			15	MEGGER, ENERVAC, APLAB, CEE DEE, TAURAS	
Safety Gear (Halment, Glovers, Boot, etc.)			2 nos. each	UDYOGI, DUCKBUCK, CRYSTAL.	
SST			2	RPG	
Spare Hardware Fitting			1 nos. each set		


 Asst. Executive Engineer
 220/132/33KV GSS Samastipur

Details of Existing Equipment in GSS Kusheshwar Sthan

Name of GSS : Kusheshwar Sthan

Name of Division : Darbhanga

Name of Circle : Darbhanga

Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
132 KV LINE BAY (FEEDER)	Line control & relay panel with Distance protection & O/C E/F protection	4	SEL	2017
		1	EASUN REYROLLE	2014
		1	MI COM/ ALSTOM	2018
	3 Ph Ckt. Breaker	6	SIEMENS	2014(1 no.) 2017(4 no.) 2018 (1 no.)
	1 Ph CVT	15	ALSTOM	2017(12 no.) 2018 (3 no.)
		3	CGL	2014
	LA	3	LAMCO	2018
		15	CGL	2017(12 no.) 2018 (3 no.)
	1 Ph Current Transformer	15	SCT	2017(12 no.) 2018 (3 no.)
		3	CGL	2014
	3 Ph Isolator With/Without Earth Switch	15	SIEMENS	2014(3 no.) 2017 (12 no.)
3			2018	
132 KV BUS COUPLER	Line control & relay panel with Distance protection & O/C E/F protection	1	EASUN REYROLLE	2014
	3 Ph Ckt. Breaker	1	SIEMENS	2014
	1 Ph CVT	3	CGL	2014
	LA	3	CGL	2014
	1 Ph Current Transformer	3	CGL	2014
	3 Ph Isolator With/Without Earth Switch	2	SIEMENS	2014
132/33 KV Transformer Bay (HV Side)	Transformer control & relay panel with Differential protection & O/C E/F protection	2	SIEMENS	2014
	3 Ph Ckt. Breaker	2	SIEMENS	2014
	LA	6	CGL	2014
	1 Ph Current Transformer	6	CGL	2014
	3 Ph Isolator With/Without Earth Switch	6	SIEMENS	2014

132/33 KV Transformer Bay (LV Side)	Transformer control & relay panel with Differential protection & O/C E/F protection	2	ERL	2014
	3 Ph Ckt. Breaker	2	SIEMENS	2014
	LA	6	CGL	2014
	1 Ph Current Transformer	6	Vidyut Control System LTD.	2014
	3 Ph Isolator With/Without Earth Switch	6	SIEMENS	2014
33 KV LINE BAY (FEEDER)	Line control & relay panel with Distance protection & O/C E/F protection	4	ERL	2014
	3 Ph Ckt. Breaker	1	CGL	2014
		3	SIEMENS	2014
	1 Ph PT	12	Vidyut Control System LTD.	2014
	LA	12	CGL	2014
	1 Ph Current Transformer	12	Vidyut Control System LTD.	2014
	3 Ph Isolator With/Without Earth Switch	12	SIEMENS	2014
33 KV BUS COUPLER	Line control & relay panel with Distance protection & O/C E/F protection	1	ERL	2014
	3 Ph Ckt. Breaker	1	SIEMENS	2014
	1 Ph PT	3	Vidyut Control System LTD.	2014
	LA	3	CGL	2014
	1 Ph Current Transformer	3	Vidyut Control System LTD.	2014
	3 Ph Isolator With/Without Earth Switch	3	SIEMENS	2014
MAIN BUS ISOLATOR (33 KV)		2	SIEMENS	2014
ISOLATOR NEAR SST (33 KV)		1	SIEMENS	2014
OTHER SUBSTATION EQUIPMENTS				
BATTERY CHARGER	250 Volt	2	AMARA RAJA	2014
	48 Volt	2	AMARA RAJA	2014
BATTERY BANK	250 Volt	1	HBL	2014
		1	EXIDE	Not Yet
	48 Volt	1	HBL	2014
DG SET		1	JAKSONS LTD.	2014
ACDB		4	MAKTEL CONTROL	2014

			& SYSTEM LTD.	
DCDB	2		MAKTEL CONTROL & SYSTEM LTD.	2014
PLCC Equipment	1.Isolator	NA		2014
	2. Battery Charger	NA		2014
	3. Panel	12		2014
	4.telephone	12		2014
Hydrant system with Pipe arrangement	1			
Fire Fighting Equipment	24			
Earthing Rods	10 pc			
Tools & Tackles (Spanners, Wrench., etc.(Set/Piece)	1 Set			
Testing Equipment	3		BDV Kit, Megger, Digital Multimeter	
Safety Gear (Helmet, Gloves, Boot, etc.)	1 Set Each		Helmet, Gloves, Boot	
SST	1		EMCO LTD.	2014
Spare Hardware Fitting.	CLAMP 10			

Regards,

Rahul Kumar
Assis. Exe. Engg.
TSD Kusheshwar Sthan

Sample format for GSS land assets

GSS:- KUSHESHWAR STHAN

	LOCATION	
01	Name of GSS	132/33 KV GSS KUSHESHWAR STHAN
02	Located at (Name of locality)	HARAULI
03	Block/Prakhand	SATIGHAT
04	Police Station (Thana)	KUSHESHWAR STHAN
05	Sub-Division	BIRAUL
06	District	DARBHANGA
07	Transmission Division	DARBHANGA
08	Transmission Circle	DARBHANGA
09	GPS Co-ordinates	LAT-25.781370, LONG-86.304140
10	LAND DETAILS	
	Initial Area (In Acre)	9.4 ACRE
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	
	(ii) Private Land	9.4 ACRE
	If Private Land, Whether	
	(i) Purchased	9.4 ACRE
	(ii) Acquired	
	(iii) Leased Land	
12	Year of Purchase/Acquisition	2008
13	Whether mutation completed	
14	Cost of the Land (At the time of procurement)	4,00,00,000.00 approx.
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	NO
16	Area of the extra land for GSS	
17	Cost	
20	Year of Purchase/lease of extra land	
21	Total area at present	9.4 ACRE
	Details of Land (Khata/Khesara)	254/1691; 223/1692; 224/1951; 223/1952
	Thana No.	
	Name of Municipality/Nagar Parishad etc.	
	Ward No./Circle No./ Holding No.	
	Amount of Early Land related Taxes	
	Taxes clear up to	
22	Land Records available with	Khata, khesra in document

Details of Existing Equipment

Name of Circle – Darbhanga Name of GSS - 132/33KV Grid Substation, Madhubani

S. No.	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning	
1	132 KV Line bay	Benipatti	Line control & relay panel with Distance protection & O/C E/F protection	1 No.	Easun Reyrolle	24.11.2005
			3 Phase Circuit Breaker	1 No.	Siemens	24.11.2005
			1 Ph CVT	3 Nos.	Alstom	24.11.2005
			LA	3 Nos.	CGL	24.11.2005
			1-Ph Current Transformer	3 Nos.	Telk	24.11.2005
			3 Phase Isolator with/ without Earth switch	3 Set	M/S Switchgear & structurals (India) Pvt. Ltd.	24.11.2005
2	132 KV Line bay	Phulparas	Line control & relay panel with Distance protection & O/C E/F protection	1 No.	Schneider	02.06.2016
			3 Phase Circuit Breaker	1 No.	Siemens	02.06.2016
			1 Ph CVT	3 Nos.	CGL	02.06.2016
			LA	3 Nos.	CGL	02.06.2016
			1-Ph Current Transformer	3 Nos.	Toshiba	02.06.2016
			3 Phase Isolator with/ without Earth switch	3 Set	JD Electrical	02.06.2016
3	132 KV Line bay	Darbhanga	Line control & relay panel with Distance protection & O/C E/F protection	1 No.	Easun Reyrolle	24.11.2005
			3 Phase Circuit Breaker	1 No.	Siemens	24.11.2005
			1 Ph CVT	3 Nos.	Alstom	24.11.2005
			LA	3 Nos.	CGL	24.11.2005
			1-Ph Current Transformer	3 Nos.	Telk	24.11.2005
			3 Phase Isolator with/ without Earth switch	3 Set	M/S Switchgear & structurals (India) Pvt. Ltd.	24.11.2005
4	132 KV Line bay	Pandaul-2	Line control & relay panel with Distance protection & O/C E/F protection	1 No.	Schneider	02.06.2016
			3 Phase Circuit Breaker	1 No.	Siemens	02.06.2016
			1 Ph CVT	3 Nos.	CGL	02.06.2016
			LA	3 Nos.	CGL	02.06.2016
			1-Ph Current Transformer	3 Nos.	Toshiba	02.06.2016
			3 Phase Isolator with/ without Earth switch	3 Set	JD Electrical	02.06.2016
5	132 KV Line bay	Pandaul-1	Line control & relay panel with Distance protection & O/C E/F protection	1 No.	CGL	13.07.2018
			3 Phase Circuit Breaker	1 No.	CGL	13.07.2018
			1 Ph CVT	3 Nos.	CGL	13.07.2018
			LA	3 Nos.	CGL	13.07.2018
			1-Ph Current Transformer	3 Nos.	Lamco	13.07.2018
			3 Phase Isolator with/ without Earth switch	3 Set	Faraday Electrical	13.07.2018
6	132 KV Line bay	Jaynaqar	Line control & relay panel with Distance protection & O/C E/F protection	1 No.	CGL	17.07.2018
			3 Phase Circuit Breaker	1 No.	CGL	17.07.2018
			1 Ph CVT	3 Nos.	CGL	17.07.2018

Signature
11.11.18

		LA	3 Nos.	CGL	17.07.2018	
		1-Ph Current Transformer	3 Nos.	Lamco	17.07.2018	
		3 Phase Isolator with/ without Earth switch	3 set	Faraday Electrica	17.07.2018	
7	132/33 KV Transformer bay(HV)	1st 20MVA	Transformer control & relay panel with Differential protection & O/C E/F protection	1 No.	Easun Reyrolle	24.11.2005
			3 Phase Circuit Breaker	1 No.	Siemens	24.11.2005
			LA	3 Nos.	CGL	24.11.2005
			1-Ph Current Transformer	03 Nos.	Telk	24.11.2005
			3 Phase Isolator with/ without Earth switch	03 Set	M/S Switchgear & structurals (India) Pvt. Ltd.	24.11.2005
8	132/33 KV Transformer bay(LV)	ICT-1	Transformer control & relay panel with Differential protection & O/C E/F protection	1 No.	Easun Reyrolle	24.11.2005
			3 Phase Circuit Breaker	1 No.	Siemens	24.11.2005
			LA	3 Nos.	CGL	24.11.2005
			1-Ph Current Transformer	03 Nos.	Mehru	24.11.2005
			3 Phase Isolator with/ without Earth switch	03 Set	M/S Switchgear & structurals (India) Pvt. Ltd.	24.11.2005
9	132/33 KV Transformer bay(HV)	2nd 20MVA	Transformer control & relay panel with Differential protection & O/C E/F protection	1 No.	Easun Reyrolle	24.11.2005
			3 Phase Circuit Breaker	1 No.	Siemens	24.11.2005
			LA	3 Nos.	CGL	24.11.2005
			1-Ph Current Transformer	03 Nos.	Telk	24.11.2005
			3 Phase Isolator with/ without Earth switch	03 Set	M/S Switchgear & structurals (India) Pvt. Ltd.	24.11.2005
10	132/33 KV Transformer bay(LV)	ICT-2	Transformer control & relay panel with Differential protection & O/C E/F protection	1 No.	Easun Reyrolle	24.11.2005
			3 Phase Circuit Breaker	1 No.	Siemens	24.11.2005
			LA	3 Nos.	CGL	24.11.2005
			1-Ph Current Transformer	03 Nos.	Mehru	24.11.2005
			3 Phase Isolator with/ without Earth switch	03 Set	M/S Switchgear & structurals (India) Pvt. Ltd.	24.11.2005
11	132/33 KV Transformer bay(HV)	3rd 50 MVA	Transformer control & relay panel with Differential protection & O/C E/F protection	1 No.	Venson Electric	22.10.2016
			3 Phase Circuit Breaker	1 No.	CGL	22.10.2016
			LA	3 Nos.	CGL	22.10.2016
			1-Ph Current Transformer	03 Nos.	SCT	22.10.2016
			3 Phase Isolator with/ without Earth switch	03 Set	JD Electrical	22.10.2016

Prady
11.11.18

12	132/33 KV Transformer bay(LV)	ICT-3	Transformer control & relay panel with Differential protection & O/C E/F protection	1 No.	Venson Electric	22.10.2016
			3 Phase Circuit Breaker	1 No.	CGL	22.10.2016
			LA	3 Nos.	CGL	22.10.2016
			1-Ph Current Transformer	03 Nos.	SCT	22.10.2016
			3 Phase Isolator with/ without Earth switch	03 Set	JD Electrical	22.10.2016
13	132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1 No.	Easun Reyrolle	24.11.2005
			3 Phase Circuit Breaker	1 No.	Siemens	24.11.2005
			1 Ph PT	3 Nos.	Alstom	24.11.2005
			LA	3 Nos.	CGL	24.11.2005
			1-Ph Current Transformer	3 Nos.	Telk	24.11.2005
			3 Phase Isolator with/ without Earth switch	3 Set	M/S Switchgear & structurals (India) Pvt. Ltd.	24.11.2005
14	33 KV Feeder	Madhubani	Line control & relay panel with O/C E/F protection	1 No.	Easun Reyrolle	24.11.2005
			3 Phase Circuit Breaker	1 No.	Siemens	24.11.2005
			LA	3 Nos.	CGL	24.11.2005
			1-Ph Current Transformer	3 Nos.	Mehru	24.11.2005
			3 Phase Isolator with/ without Earth switch	3 Set	M/S Switchgear & structurals (India) Pvt. Ltd.	24.11.2005
15	33 KV Feeder	Rahika + Bisfi	Line control & relay panel with O/C E/F protection	1 No.	Venson Electric	08.05.2013
			3 Phase Circuit Breaker	1 No.	AREVA	08.05.2013
			LA	3 Nos.	Lamco	08.05.2013
			1-Ph Current Transformer	3 Nos.	Vijay Electricals	08.05.2013
			3 Phase Isolator with/ without Earth switch	3 Set	Faraday	08.05.2013
16	33 KV Feeder	Chakdah	Line control & relay panel with O/C E/F protection	1 No.	Easun Reyrolle	24.11.2005
			3 Phase Circuit Breaker	1 No.	Siemens	24.11.2005
			LA	3 Nos.	CGL	24.11.2005
			1-Ph Current Transformer	3 Nos.	Mehru	24.11.2005
			3 Phase Isolator with/ without Earth switch	3 Set	M/S Switchgear & structurals (India) Pvt. Ltd.	24.11.2005
17	33 KV Buscoupler		Line control & relay panel with Distance protection & O/C E/F protection	1 No.	Easun Reyrolle	24.11.2005
			3 Phase Circuit Breaker	1 No.	Siemens	24.11.2005
			1 Ph PT	3 Nos.		
			LA	3 Nos.	CGL	24.11.2005
			1-Ph Current Transformer	3 Nos.	Mehru	24.11.2005
			3 Phase Isolator with/ without Earth switch	3 Set	M/S Switchgear & structurals (India) Pvt. Ltd.	24.11.2005
Battery Charger		1	1	HBL	2005	
		2	2	Chloride	2016	

P. M. H. M.
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ACDB		3	Visas Engineering, Asian Switchgear	2005, 2016
DCDB(110V/48V)		2	Vikas Engineering	2005, 2016
Battery bank	1	1 Set	HBL	24.11.2005
	2	1 Set	Exide	2016
DG set		1	Jackson	24.11.2005
PLCC Equipment	1. Isolator	N/A		
	2. Battery Charger	1	HBL	2005
	3. Panel	8	BPL, CGL	2005, 2018
	4. telephone	4		
Hydrant system with Pipe arrangement		N/A		
Fire Fighting Equipment		23 Nos.		
Earthing Rods		N/A		
Tools & Tackles(Spanners,Wrench...etc.(Set/Piece)		1 Set		
Testing Equipments		N/A		
Safety Gear(Helmet,Gloves,Boot, etc.)		2 Set		
SST		1		
Spare Hardware Fitting.		N/A		

Pradha
11.11.2018

Assistant Executive Engineer
Transmission Subdivision, Madhubani

Assistant Executive Engineer
Transmission Subdivision
Madhubani

Sample format for GSS land assets

GSS:- 132/33KV Grid Substation, Madhubani

	Description	
01	Name of GSS	132/33KV GSS, Madhubani
02	Located at (Name of locality)	Village -Ramnagar
03	Block/Prakhand	Rahika
04	Police Station (Thana)	Rahika
05	Sub-Division	Madhubani
06	District	Madhubani
07	Transmission Division	Darbhanga
08	Transmission Circle	Darbhanga
09	GPS Co-ordinates	26.3615346, 86.0372137
	LAND DETAILS	
10	Initial Area (In Acre)	7.71 Acre
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	
	(ii) Private Land	Private Land
	If Private Land, Whether	
	(i) Purchased	
	(ii) Acquired	Acquired
	(iii) Leased Land	
12	Year of Purchase/Acquisition	2004
13	Whether mutation completed	No
14	Cost of the Land (At the time of	N/A

P. S. M.
11.11.18

	procurement)	
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	Nil
16	Area of the extra land for GSS	—
17	Cost	—
20	Year of Purchase/lease of extra land	—
21	Total area at present	7.71 Acre
	Details of Land (Khata/Khesara)	Khesra - 315 to 323, 325 to 329, 331 to 333, 346 to 353, 356, 345
	Thana No.	29
	Name of Municipality/Nagar Parishad etc.	Mauja - Sapta
	Ward No./Circle No./ Holding No.	Ward No.- 1
	Amount of Early Land related Taxes	—
	Taxes clear up to	—
22	Land Records available with	Khata, Khesra & Map

Poujita
 11.11.18
 Assistant Executive Engineer
 Transmission Subdivision
 Madhubani

U.O.I. No. 125
Date 06/11/2018

Buff Sheet

CE, Trans. (O&M)
BSPTCL, Patna

*R.K. Ambekar
15/11/18
09/11/18*

Sub.: Status of compliance on the directives issued by the Hon'ble BERC in the Tariff Order - 2018-19.

- Ref.: 1.** Letter No.- BERC-corr./Directive-09/18-850; Dated - 24/07/18
2. Letter No. - BERC-Corr./Directive-09/18-942; Dated-09/08/18
3. Letter No. - BERC-Corr./Directive-12/18-1258; Dated-29/10/18

*S. Bida, MCA
Shankar K. FET
Dintanillo
09/11/18*

In reference to above, the Hon'ble BERC issued directives in Tariff Order FY 2018-19 seeking compliance report at the earliest.

The following directives are related to Trans. (O&M) wing of BSPTCL:

S.No.	Directive	Subject	Status of compliance
1.	Directive 6: Maintenance of asset/property Register	The Commission has observed that the petitioner has submitted the details of equipment available at various substations in the form of scan copy/excel sheet. No details for lines were furnished. The equipment details furnished do not depict the value i.e. cost of equipment and other details. The property register should contain all the details of equipment available at the location i.e. substation, etc showing the details of nature of equipments, year of installation, value, rate of depreciation, depreciation (year on year as well as the accumulated depreciation), residual value, whether the equipment is in working condition or not, etc. The Commission directs BSPTCL to submit the property register showing all the particulars by 30 th September, 2018.	
New Directives			
1.		Regulation 73 (3) of the BERC (Terms and Conditions for Determination of Tariff) Regulations 2007 specifies: Norms for operation and maintenance expenses per Ckt.-Km and per bay shall be as under: (a) The commission shall, for the purpose of fixing	

*GSS,
Madhubani*

*445/CE/TD (O&M)
08-11-18*

*P. Mishra
11.11.18*

normative rates for operation & maintenance expenses, study the O&M expenses incurred over the last 4 to 5 years and fixed appropriate rates per Ckt-km of transmission line and per bay. The norms so fixed for 2008-09 shall be escalated at 4% per annum.

(b) The total allowable O&M expenses for a transmission licensee shall be calculated by multiplying the number of bays and Ckt-km of line length with the application norms for O&M expenses per bay and per Ckt-km respectively.

The Commission, directs the BSPTCL to ensure filing of the tariff petition for next MYT control period i.e. from FY 2019-20 to FY 2021-22 proposing the norms for O&M expenses in accordance with regulation 73 (3).

2. The transmission licensees are obligated under the Regulation to take separate electric connection from distribution licensees for use of electricity within the grid sub-station and the electricity charges of such connection shall be booked under Administrative & General expenses and shall be pass through in the tariff. Such expenses shall not contain any electricity charges towards colony consumption. Consumption and colony consumption in the format prescribed hereunder:

Name of GSS	Whether metered connection taken to measure auxiliary consumption, if so, provide details with service connection number	Annual consumption and electricity charges towards auxiliary consumption	Whether separate metered connection taken to measure colony consumption, if so, provide details with service connection number	Annual consumption and electricity charges towards colony consumption.
Madhu	Yes	(KWH)	NO	NO
Bani	11110090338	9000		

The compliance report of the directives needs to be submitted to Hon'ble BERC and hence, it is requested to provide the report at the earliest to the undersigned.

Rakesh
11.11.18
Assistant Executive Engineer
Transmission Subdivision
Madhya Pradesh

Rakesh
06.11.2018
(Rakesh) 06.11.2018

Chief Engineer (Power Management Cell)

Sample format for GSS land assets

132/33kv GSS, Samastipur

Sl. No.	Location	
1	Name of GSS	132/33kv GSS, Samastipur
2	Located at (Name of locality)	Mohanpur
3	Block/Prakhhand	Samastipur
4	Police station(Thana)	Mufasil thana Samastipur
5	Subdivision	Samastipur
6	District	Samastipur
7	Transmission Division	Samastipur
8	Transmission Circle	Darbhanga
9	GPS Co-ordinates	Lat 25.83873318 ,Long. 85.77039693
	Land details	
10	Initial Area(in acre)	14.8 Acre
11	whethre it was	
	(i) A Govt Land(State type GM or)	
	(ii) Private Land	
	if private land whether	Private Land
	(i) Purchased	
	(ii) Acquired	Acquired
	(iii) Leased Land	
12	year of purchase/Acquisition	1962
13	Whether mutation completed	no
14	Cost of Land (at the time of procurement)	
15	whether more land was purchased/acquired/leased in for Extension work ? If yes give details	Leased for bay Extn
16	Area of the extra Land for GSS	
17	Cost of Land (at the time of procurement)	8448000
18	Year of purchase/Leas of Extra Land	22.12.2015
19	Total area at present	15.46
	Details of Land (Khata/khesara)	
	Thana no	181
	Name of Municipality/Nagar Parisad etc.	Samastipur
	Ward no/Circle No./Holding No.	Ward No-9
	Amount of Early Land related Taxes	
	Taxes clear up to	
20	Land Records available with	

Details of existing Equipment

Name of Circle :- Transmission Circle Darbhanga Name of GSS:- 132/33kv GSS,Samastipur

Voltage Level	Name of Bay	Equipment Name	Qty	Make	Date of commissioning
132kv Line Bay	Darbhanga	Line control and relay panel with distance protection and O/C, E/F protection	1	Danish Electric	18.09.2018
		3ph Circuit breaker	1	Aeava	2012
		1ph CVT	0		
		LA	3		
		1ph current transformer	3	SCT	2014
		3ph Isolator with/without Earth switch	3sets	SRCP	2003
	MTPS CKT-1	Line control and relay panel with distance protection and O/C, E/F protection	1	Scheider	2012
		3ph Circuit breaker	1	CGL	2012
		1ph CVT	3		
		LA	3		
		1ph current transformer	3	SCT	2009
		3ph Isolator with/without Earth switch	3sets	SRCP	2009
	MTPS CKT-2	Line control and relay panel with distance protection and O/C, E/F protection	1	Scheider	2012
		3ph Circuit breaker	1	Siemens	2009
		1ph CVT	3		
		LA	3		
		1ph current transformer	3	SCT	2009
		3ph Isolator with/without Earth switch	3sets	SRCP	2009
	Jandaha	Line control and relay panel with distance protection and O/C, E/F protection	1	SEL	10.09.2018
		3ph Circuit breaker	1	Alstom	2001
		1ph CVT	2		
		LA	3		
		1ph current transformer	3	SCT	2001
		3ph Isolator with/without Earth switch	3sets	SRCP	1963
	Hajipur	Line control and relay panel with distance protection and O/C, E/F protection	1	SEL	2018
		3ph Circuit breaker	1	Siemens	2015
		1ph CVT	2		
		LA	3		
1ph current transformer		3	Asea	1963	
3ph Isolator with/without Earth switch		3sets	SRCP	1963	
Dalsinghsarai	Line control and relay panel with distance protection and O/C, E/F protection	1	scheider	2012	
	3ph Circuit breaker	1	CGL	2007	
	1ph CVT	0			
	LA	3			
	1ph current transformer	3	Asea	1963	
	3ph Isolator with/without Earth switch	3sets	SRCP	1963	
Begusarai	Line control and relay panel with distance protection and O/C, E/F protection	1	scheider	2012	
	3ph Circuit breaker	1	Aeava	2012	
	1ph CVT	0			
	LA	3			

		1ph current transformer	3	Asea	1963
		3ph Isolator with/without Earth switch	3sets	SRCP	1963
	220kv Samastipur ckt-1	Line control and relay panel with distance protection and O/C, E/F protection	1	GE	2016
		3ph Circuit breaker	1	Siemens	2016
		1ph CVT	3	Siemens	2016
		LA	3		
		1ph current transformer	3	SCT	2016
		3ph Isolator with/without Earth switch	3sets	FARADEY ELECTRIC	
	220kv Samastipur ckt-2	Line control and relay panel with distance protection and O/C, E/F protection	1	GE	2016
		3ph Circuit breaker	1	CGL	2013
		1ph CVT	3	Siemens	2016
		LA	3		
		1ph current transformer	3	vijay electric	2013
		3ph Isolator with/without Earth switch	3sets	SRCP	2013
	Railway TSS Samastipur	Line control and relay panel with distance protection and O/C, E/F protection	1	ension Electric	2013
		3ph Circuit breaker	1	Siemens	2016
		1ph CVT	3	Siemens	2016
		LA	3		
		1ph current transformer	3	Siemens	2016
		3ph Isolator with/without Earth switch	3sets	Siemens	2016
	132kv B/C	132kv B/C	Line control and relay panel with distance protection and O/C, E/F protection	1	Danish Electric
3ph Circuit breaker			1	Aeava	2012
1ph CVT			0		
LA			3		
1ph current transformer			3	Asea	1963
3ph Isolator with/without Earth switch			3sets	SRCP	1963
132/33kv Transformer bay (HV side)	50MVA power Transformer -3	Transformer control and relay panel with differential protection and O/C, E/F protection	1	ABB	2009
		3ph Circuit breaker	1	Siemens	2018
		1ph CVT	3		
		LA	3		
		1ph current transformer	3	CGL	2009
		3ph Isolator with/without Earth switch	3sets	Siemens	2009
	50MVA power Transformer -1	Transformer control and relay panel with differential protection and O/C, E/F protection	1	SEL	2017
		3ph Circuit breaker	1	Siemens	2017
		1ph CVT	0		
		LA	3		
		1ph current transformer	3	sct	2017
		3ph Isolator with/without Earth switch	3sets	Asea	1963
	20MVA power Transformer -2	Transformer control and relay panel with differential protection and O/C, E/F protection	1	PTC	2018
		3ph Circuit breaker	1	Siemens	2003
		1ph CVT	0		
		LA	3		
		1ph current transformer	3	Asea	1963
		3ph Isolator with/without Earth switch	3sets	SRCP	2003
		Transformer control and relay panel with differential protection and O/C, E/F protection	1	ABB	2009

132/33kv Transformer bay (LV side)

50MVA power
Transformer -3

3ph Circuit breaker	1	ABB	2009
1ph CVT	0		
LA	3		
1ph current transformer	3	Siemens	2009
3ph Isolator with/without Earth switch	3sets	Siemens	2009

50MVA power
Transformer -1

Transformer control and relay panel with differential protection and O/C, E/F protection	1	SEL	2017
3ph Circuit breaker	1	Alstom	2001
1ph CVT	0		
LA	3		
1ph current transformer	3	SCT	
3ph Isolator with/without Earth switch	3sets	FARADEY ELECTRIC	

20MVA power
Transformer -2

Transformer control and relay panel with differential protection and O/C, E/F protection	1	PTC	2018
3ph Circuit breaker	1	areava	2001
1ph CVT	0		
LA	3		
1ph current transformer	3	SCT	2018
3ph Isolator with/without Earth switch	3sets	FARADEY ELECTRIC	2017

Railway

Line control and relay panel O/C, E/F protection	1	English Electric	1963
3ph Circuit breaker	1	areava	2009
1ph CVT	0		
LA	0		
1ph current transformer	3	sct	
3ph Isolator with/without Earth switch	3sets	FARADEY ELECTRIC	

Mathurapur

Line control and relay panel O/C, E/F protection	1	English Electric	1963
3ph Circuit breaker	1	scheider	2012
1ph CVT	0		
LA	0		
1ph current transformer	3	SCT	2012
3ph Isolator with/without Earth switch	3sets	FARADEY ELECTRIC	2012

R.J.M

Line control and relay panel O/C, E/F protection	1	English Electric	1963
3ph Circuit breaker	1	Alstom	2013
1ph CVT	0		
LA	0		
1ph current transformer	3	SCT	2003
3ph Isolator with/without Earth switch	3sets	OBLUM	2003

Kalyanpur

Line control and relay panel O/C, E/F protection	1	English Electric	1963
3ph Circuit breaker	1	Siemens	2018
1ph CVT	0		
LA	0		
1ph current transformer	3	FARADEY ELECTRIC	2008
3ph Isolator with/without Earth switch	3sets	FARADEY ELECTRIC	2009

Sirsiya

Line control and relay panel O/C, E/F protection	1	English Electric	
3ph Circuit breaker	1	STELMAKE	2016
1ph CVT	0		
LA	0		
1ph current transformer	3	SCT	2005
3ph Isolator with/without Earth switch	3sets	FARADEY ELECTRIC	2005

Pusa

Line control and relay panel O/C, E/F protection	1	Alstom	2017
3ph Circuit breaker	1	Siemens	2017
1ph CVT	0		
LA	0		

33kv feeders

		1ph current transformer	3	SCT	2009
		3ph Isolator with/without Earth switch	3sets	FARADEY ELECTRIC	2009
	Sarairanjan	Line control and relay panel O/C, E/F protection	1	English Electric	1963
		3ph Circuit breaker	1	Siemens	2017
		1ph CVT	0		
		LA	0		
		1ph current transformer	3	FARADEY ELECTRIC	2009
		3ph Isolator with/without Earth switch	3sets	FARADEY ELECTRIC	2009
		Mohanpur	Line control and relay panel O/C, E/F protection	1	English Electric
	3ph Circuit breaker		1	STELMAKE	2015
	1ph CVT		0		
	LA		0		
	1ph current transformer		3	SCT	2012
	3ph Isolator with/without Earth switch		3sets	FARADEY ELECTRIC	2009
	Jitwarpur	Line control and relay panel O/C, E/F protection	1	English Electric	1963
		3ph Circuit breaker	1	Alstom	2009
		1ph CVT	0		
		LA	0		
		1ph current transformer	3	MODERN ELECTRIC	2009
		3ph Isolator with/without Earth switch	3sets	FARADEY ELECTRIC	2009
	Kalyanpur Old	Line control and relay panel O/C, E/F protection	1	ABB	2009
		3ph Circuit breaker	1	scheider	2009
		1ph CVT	0		
		LA	0		
		1ph current transformer	3	VISHAL ELECTRIC	2009
		3ph Isolator with/without Earth switch	3sets		
33kv B/C	33kv B/C	Line control and relay panel O/C, E/F protection	1	Alstom	2017
		3ph Circuit breaker	1	Siemens	2017
		1ph CVT	0		
		LA	0		
		1ph current transformer	3	SCT	2017
		3ph Isolator with/without Earth switch	3sets	FARADEY ELECTRIC	2007

Sample format for GSS land assets

GSS:- Narkatiyaganj

LOCATION		GSS Narkatiyaganj
01	Name of GSS	Mainatand (GSS Narkatiyaganj)
02	Located at (Name of locality)	Mainatand (Narkatiyaganj)
03	Block/Prakhanda	Mainatand
04	Police Station (Thana)	Mainatand
05	Sub-Division	Narkatiyaganj
06	District	West Champaran
07	Transmission Division	Motihari
08	Transmission Circle	Muzfarpur
09	GPS Co-ordinates	lati. - 27.09412, longi. - 84.64056
LAND DETAILS		
10	Initial Area (In Acre)	3.50 Acre
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	✓
	(ii) Private Land	✓
	If Private Land, Whether	
	(i) Purchased	✓
	(ii) Acquired	
	(iii) Leased Land	
12	Year of Purchase/Acquisition	2014
13	Whether mutation completed	
14	Cost of the Land (At the time of procurement)	1,10,25,000 /-
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	
16	Area of the extra land for GSS	
17	Cost	
20	Year of Purchase/lease of extra land	
21	Total area at present	3.50 Acre
	Details of Land (Khata/Khesara)	Khesara - 1021/1, 1027/1, 1029/1
	Thana No.	Mainatand - 284
	Name of Municipality/Nagar Parishad etc.	
	Ward No./Circle No./ Holding No.	
	Amount of Early Land related Taxes	
	Taxes clear up to	
22	Land Records available with	A.F.F. (Bethiah)

Ashutosh Jaisankar
22/11/2017
(A.Ex.Engg.)

Details of Existing Equipment

Name of Circle: Darbhanga

Name of GSS: Phulparas

Sl. No.	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning		
	220 KV Line Bay	1st bay	Line control & relay panel with Distance protection & O/C E/F protection	N/A			
			3 Phase Circuit Breaker	N/A			
			1-Ph CVT	N/A			
			LA	N/A			
			1-Ph Current Transformer	N/A			
			3 Phase Isolator with/without Earth switch	N/A			
			2nd bay..	Line control & relay panel with Distance protection & O/C E/F protection	N/A		
				3 Phase Circuit Breaker	N/A		
				1-Ph CVT	N/A		
				LA	N/A		
			1-Ph Current Transformer	N/A			
			3 Phase Isolator with/without Earth switch	N/A			
	220/132 KV Transformer bay(HV)	1st bay..	Transformer control & relay panel with Differential protection & O/C E/F protection	N/A			
			3 Phase Circuit Breaker	N/A			
LA			N/A				
1-Ph Current Transformer			N/A				
3 Phase Isolator with/without Earth switch			N/A				
220/132 KV Transformer bay(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection	N/A				
		3 Phase Circuit Breaker	N/A				
		LA	N/A				
		1-Ph Current Transformer	N/A				
		3 Phase Isolator with/without Earth switch	N/A				
220 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	N/A				
		3 Phase Circuit Breaker	N/A				
		1 Ph PT	N/A				
		LA	N/A				
		1-Ph Current Transformer	N/A				

		3 Phase Isolator with/without Earth switch	N/A		
132 KV Line bay		Line control & relay panel with Distance protection & O/C E/F protection	5	Easun Reyrolle-3	5
		3 Phase Circuit Breaker	5	CG-3,ABB-2	5
		1 Ph CVT	15	CG	15
		LA	15	CG	15
		1-Ph Current Transformer	15	CG-12,SCT-3	15
		3 Phase Isolator with/without Earth switch	15	Elpro-12,Elektrol	15
132/33 KV Transformer bay(HV)		Transformer control & relay panel with Differential protection & O/C E/F protection	2	Easun Reyrolle	2
		3 Phase Circuit Breaker	2	CG	2
		LA	6	CG-5,Elektrolites	6
		1-Ph Current Transformer	6	CG	6
		3 Phase Isolator with/without Earth switch	6	Elpro	6
132/33 KV Transformer bay(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection	2	Easun Reyrolle	2
		3 Phase Circuit Breaker	2	CG	2
		LA	6	CG	6
		1-Ph Current Transformer	6	vidyut control	6
		3 Phase Isolator with/without Earth switch	6	Elpro	6
132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1	Easun Reyrolle	1
		3 Phase Circuit Breaker	1	CG	1
		1 Ph PT	3	CG	3
		LA	Nil	Nil	
		1-Ph Current Transformer	3	CG	3
33 KV Feeder		3 Phase Isolator with/without Earth switch	2	Elpro	2
		Line control & relay panel with O/C E/F protection	12	Easun Reyrolle-2	12
		3 Phase Circuit Breaker	4	CG-1,Megawin-2	4
		LA	12	CG-9,Elektrolite-5	12
		1-Ph Current Transformer	12	vidyut control-6,t	12
	3 Phase Isolator with/without Earth switch	12	Elpro-6,Elektrolit	12	
		Line control & relay panel with Distance protection & O/C E/F protection	1	Easun Reyrolle	1
		3 Phase Circuit Breaker	1	CG	1

33 KV Buscoupler

1 Ph PT		3	Vidyut control		3
LA	Nil			Nil	
1-Ph Current Transformer		3	Vidyut control		3
3 Phase Isolator with/without Earth switch		2	Elpro		2

Other Substation Equipments -

Battery Charger	1	2	HBL Nife		2006
	2	1	Choloride		2015
ACDB		5	Vikash	2006	2017
DCDB(110V/48V)		2	Vikash		2006
Battery bank	1	3	HBL Nife		2006
	2	1	Exide		2015
DG set		1	Jakson Limited		2006
PLCC Equipment	1. Isolator	Nil			
	2. Battery Charger	1	HBL Nife		2006
	3. Panel	9	ABB,BPL,CG,Pun com,GE	2006	2017 2018
	4. telephone	4	Beetel,ABB	2006	2015
Hydrant system with Pipe arrangement					
Fire Fighting Equipment		8			
Earthing Rods					
Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)					
Testing Equipments		2	Taurus,Fluck		
Safety Gear(Helmet,Gloves,Boot, etc.)		2	2 sets each		
SST		1	Transformer & Rectifiers Ltd.		2006
Spare Hardware Fitting.					

Done with RA 10/11/2018

Sample formate for GSS land assets
GSS Phulparas

LOCATION Name of GSS	Phulparas
01 Location at (Name of locality) 03 Block/Prakhand	Kisnipatti, Phulparas
04 Police station (Thana)	Phulparas
05 Sub Division	Phulparas
06 District	Madhubani
07 Transmission Division	Darbhangha
08 Transmission Circle	Darbhangha
09 GPS Co-ordinates	
10 Land details Inital area (in acre)	6.17
11 Wheter it was (i) A Govt. Land (State type GM or) (ii) Private Land	3.8 3.9
Private Land whether (i) Purchased	
(ii) Acquiried (ii) Leased Land	3.9
12 Year of Purchased/Acquired 13 Whether mutation completed	2005
14 Cost of land (At the time of purchased)	
15 Whether more land was purchased/acquired/Leased in for GSS Extension work? If yes give details	
16 Area of extra land for GSS	
17 Cost	
18 Year of purchase/lease of extra land	
19 Total area at present	6.17
20 Details of land (Khata/khesra)	3393, 3391, 3390, 3389, 3388, 3387, 3394 , 3395, 3424, 3425, 3422 etc
Thana no	104
Name of municipalty/Nagar parishad Etc.	Ghoghardiha
Ward no/Circle no/Holding no.	
Amount of early land related Taxes	
Taxes clear up to	
22 Land Records available with	

Deas Miki
10/11/2018

Assistant Executive Engineer
Transmission Sub-Division Phulparas