

## GSS:- 220/132/33KV GSS Begusarai

LOCATION		
01	Name of GSS	220/132/33KV GSS Begusarai
02	Located at ( Name of locality)	Pipra Dewas
03	Block/Prakhand	Barauni
04	Police Station (Thana)	Pipra Dewas
05	Sub-Division	Begusarai
06	District	Begusarai
07	Transmission Division	Begusarai
08	Transmission Circle	Bhagalpur
09	GPS Co-ordinates	Latitude:-25.46146;longitude:-86.0273
LAND DETAILS		
10	Initial Area (In Acre)	35Acre
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	Leased Land
12	Year of Purchase/Acquisition	2013
13	Whether mutation completed	yes
14	Cost of the Land (At the time of procurement)	14,27,60,000/-
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	NA
17	Cost	NA
20	Year of Purchase/lease of extra land	NA
21	Total area at present	35 Ace
	Details of Land (Khata/Khesara)	
	Thana No.	473
	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	

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:- 220/132/33KV GSS

### Details of Existing Equipment

Name of GSS: 220/132/33kv GSS Begusarai

Name of Circle: Bhagalpur

Sl. No.	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
	Biharsharif ckt 1	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
		3 Phase Circuit Breaker	1	Areva	2009
		1-Ph CVT	3	Areva	2009
		LA	3	Oblum Electrical ltd	2009
		1-Ph Current Transformer	3	SCT	2009
		3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009
		Biharsharif ckt 2	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB
	3 Phase Circuit Breaker		1	Areva	2009
	1-Ph CVT		3	Areva	2009
	LA		3	Oblum Electrical ltd	2009
	1-Ph Current Transformer		3	SCT	2009

220 KV Line Bay

Purnea CKT 1	3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009
	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	Areva	2009
	1-Ph CVT	3	Areva	2009
	LA	1	Oblum Electrical ltd	2009
	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009
Purnea CKT 2	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	Areva	2009
	1-Ph CVT	3	Areva	2009
	LA	3	Oblum Electrical ltd	2009
	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009
	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009

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New samastipur 1	3 Phase Circuit Breaker	1	Areva	2009
	1-Ph CVT	3	Areva	2009
	LA	3	Oblum Electrical ltd	2009
	1-Ph Current Transformer	3	Areva	2009
	3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009
New samastipur 2	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	Areva	2009
	1-Ph CVT	3	Areva	2009
	LA	3	Oblum Electrical ltd	2009
	1-Ph Current Transformer	3	Areva	2009
	3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009
220kv TBC	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	Areva	2009
	LA	3	Oblum Electrical ltd	2009
	1-Ph Current Transformer	3	SCT	2009

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220/132 KV Transformer bay(HV)	100mva Transformer no 1	3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009
		Transformer control & relay panel with Differential protection & O/C E/F protection	1	ABB	2009
		3 Phase Circuit Breaker	1	Areva	2009
		LA	3	Oblum Electrical ltd	2009
		1-Ph Current Transformer	3	Areva	2009
		3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009
220/132 KV Transformer bay(HV)	100mva Transformer no 2	Transformer control & relay panel with Differential protection & O/C E/F protection	1	ABB	2009
		3 Phase Circuit Breaker	1	Areva	2009
		LA	3	Oblum Electrical ltd	2009
		1-Ph Current Transformer	3	Areva	2009
		3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009
		Transformer control & relay panel with Differential protection & O/C E/F protection	1	Vension electrica pvt ltd	2015
220/132 KV Transformer bay(HV)	100mva Transformer no 3	3 Phase Circuit Breaker	1	CGL	2015
		LA	3	Lamco Electrical	2015

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		1-Ph Current Transformer	3	Heptacare power industries ltd	2015
		3 Phase Isolator with/without Earth switch	4	Seimens	2015
220/132 KV Transformer bay(HV)	100mva Transformer no 4	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Vension electrica pvt ltd	2015
		3 Phase Circuit Breaker	1	CGL	2015
		LA	3	Lamco Electrical	2015
		1-Ph Current Transformer	3	Heptacare power industries ltd	2015
		3 Phase Isolator with/without Earth switch	4	Seimens	2015
220/132 KV Transformer bay(LV)	100mva transformer no 1	Transformer control & relay panel with Differential protection & O/C E/F protection	1	ABB	2009
		3 Phase Circuit Breaker	1	Areva	2009
		LA	3	Oblum Electrical ltd	2009
		1-Ph Current Transformer	3	Areva	2009
		3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009

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220/132 KV Transformer bay(LV)	100mva transformer no 2	Transformer control & relay panel with Differential protection & O/C E/F protection	1	ABB	2009
		3 Phase Circuit Breaker	1	Areva	2009
		LA	3	Oblum Electrical ltd	2009
		1-Ph Current Transformer	3	Areva	2009
		3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009
220/132 KV Transformer bay(LV)	100mva transformer no 3	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Vension electrica pvt ltd	2015
		3 Phase Circuit Breaker	1	CGL	2015
		LA	3	Lamco Electrical	2015
		1-Ph Current Transformer	3	Heptacare power industries ltd	2015
		3 Phase Isolator with/without Earth switch	4	Seimens	2015
220/132 KV Transformer bay(LV)	100mva transformer no 4	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Vension electrica pvt ltd	2015
		3 Phase Circuit Breaker	1	CGL	2015
		LA	3	Lamco Electrical	2015
		1-Ph Current Transformer	3	Heptacare power industries ltd	2015

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		3 Phase Isolator with/without Earth switch	4	Seimens	2015
220 KV Buscoupler bay	220kv bus coupler	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
		3 Phase Circuit Breaker	1	Areva	2009
		1-Ph CVT	3	Areva	2009
		220kv PT	6	SCT	2009
		LA	3	Oblum Electrical ltd	2009
		1-Ph Current Transformer	6	SCT	2009
		3 Phase Isolator with/without Earth switch	4	Faraday electrical	2009
Dalsingsarai		Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
		3 Phase Circuit Breaker	1	CGL	2013
		1 Ph CVT	3	Areva	2009
		LA	3	Lamco	2015

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	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	3	Faraday electrical	2009
Samastipur	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	Areva	2009
	1 Ph CVT	3	Areva	2009
	LA	3	Oblum Electrical ltd	2009
	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	3	Faraday electrical	2009
BTPS L9	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	Areva	2009
	1 Ph CVT	3	Areva,	2009
	LA	3	Oblum Electrical ltd	2009
	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	3	Faraday electrical	2009

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132 KV Line bay

BTPS L10	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	CGL	2016
	1 Ph CVT	3	Areva	2009
	LA	3	Lamco	2016
	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	3	Faraday electrical	2009
Spare bay	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	Not done
	3 Phase Circuit Breaker	1	CGL	Not done
	1 Ph CVT	3	Areva	2009
	LA	0	-	-
	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	3	Faraday electrical	2009
Kusheshwar asthan 1	Line control & relay panel with Distance protection & O/C E/F protection	1	Seimens	2010
	3 Phase Circuit Breaker	1	Seimens	2010
	1 Ph CVT	3	CGL	2010
	LA	3	CGL,	2010

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	1-Ph Current Transformer	3	CGL	2010
	3 Phase Isolator with/without Earth switch	3	Seimens	2010
Kusheshwar asthan 2	Line control & relay panel with Distance protection & O/C E/F protection	1	System & control automation system	2017
	3 Phase Circuit Breaker	1	Seimens	2017
	1 Ph CVT	3	CGL	2017
	LA	3	CGL	2017
	1-Ph Current Transformer	3	SCT	2017
	3 Phase Isolator with/without Earth switch	3	Seimens	2017
Balial	Line control & relay panel with Distance protection & O/C E/F protection	1	System & control automation system	2017
	3 Phase Circuit Breaker	1	CGL	2017
	1 Ph CVT	3	CGL	2017
	LA	3	CGL	2017
	1-Ph Current Transformer	3	SCT	2017
	3 Phase Isolator with/without Earth switch	3	JD Electrical	2017

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Manjhoul	Line control & relay panel with Distance protection & O/C E/F protection	1	System & control automation system	2017
	3 Phase Circuit Breaker	1	CGL	2017
	1 Ph CVT	3	CGL	2017
	LA	3	CGL	2017
	1-Ph Current Transformer	3	SCT	2017
	3 Phase Isolator with/without Earth switch	3	JD Electrical	2017
Teghra(chamtha)	Line control & relay panel with Distance protection & O/C E/F protection	1	System & control automation system	2017
	3 Phase Circuit Breaker	1	CGL	2017
	1 Ph CVT	3	CGL	2017
	LA	3	CGL	2017
	1-Ph Current Transformer	3	SCT	2017
	3 Phase Isolator with/without Earth switch	3	JD Electrical	2017
50 mva Transformer no 1	Transformer control & relay panel with Differential protection & O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	Areva	2009
	LA	3	Oblum Electrical ltd	2009

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132/33 KV Transformer bay(HV)

Transformer no 1	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	3	Faraday Electrical ltd	2009
50 mva Transformer no 2	Transformer control & relay panel with Differential protection & O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	Areva	2009
	LA	3	Oblum Electrical ltd,	2009
	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	3	Faraday Electrical ltd	2009
	Transformer control & relay panel with Differential protection & O/C E/F protection	1	SEL	2016
50 mva Transformer no 3	3 Phase Circuit Breaker	1	Seimens	2016
	LA	3	Lamco,	2016
	1-Ph Current Transformer	3	SCT	2016
	3 Phase Isolator with/without Earth switch	3	Faraday Electrical ltd	2016

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132/33 KV Transformer bay(LV)	50 mva Transformer no 1	Transformer control & relay panel with Differential protection & O/C E/F protection	1	ABB	2009
		3 Phase Circuit Breaker	1	Areva,	2009
		LA	3	Lamco,	2015
		1-Ph Current Transformer	3	Advent,SCT&Lamco	2016,2008 & 2017
		3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd	2009
	50 mva Transformer no 2	Transformer control & relay panel with Differential protection & O/C E/F protection	1	ABB	2009
		3 Phase Circuit Breaker	1	Areva	2009
		LA	3	Lamco	2015
		1-Ph Current Transformer	3	SCT&Lamco	2008 & 2017
		3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd	2009
	50 mva Transformer no 3	Transformer control & relay panel with Differential protection & O/C E/F protection	1	SEL	2016
		3 Phase Circuit Breaker	1	Schiender	2016
		LA	3	Lamco	2016
		1-Ph Current Transformer	3	SCT	2016

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		3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd	2016
132 KV Buscoupler bay	Bus coupler	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
		3 Phase Circuit Breaker	1	Areva	2009
		1 Ph PT	3	SCT	2009
		LA	0	-	-
		1-Ph Current Transformer	3	SCT	2009
		3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd	2009
33 KV Feeder	Teghra & Bachwara	Line control & relay panel with O/C E/F protection	1	ABB 2008	2009
		3 Phase Circuit Breaker	1	Aeva 2008	2009
		LA	3	Oblum 2014	2015
		1-Ph Current Transformer	3	SCT,2008	2009
		3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd,2008	2009
	Banganbadih	Line control & relay panel with O/C E/F protection	1	ABB 2008	2009
		3 Phase Circuit Breaker	1	Aeva 2013	2017
		LA	3	Oblum 2014	2016

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Dargi arduini	1-Ph Current Transformer	3	SCT,2008	2009
	3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd,2008	2009
Birpur & Bhagwanpur	Line control & relay panel with O/C E/F protection	1	ABB 2008	2009
	3 Phase Circuit Breaker	1	Aeva 2008	2009
	LA	3	Oblum 2014	2015
	1-Ph Current Transformer	3	SCT,2008	2009
	3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd,2008	2009
Zeromile	Line control & relay panel with O/C E/F protection	1	ABB 2008	2009
	3 Phase Circuit Breaker	1	Aeva 2008	2009
	LA	3	Oblum	2015
	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd	2015
	Line control & relay panel with O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	Aeva	2009
	LA	3	Lamco	2016

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DCC0114	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd	2009
Begusarai 1	Line control & relay panel with O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	CGL	2015
	LA	3	Oblum	2015
	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd	2009
Begusarai2	Line control & relay panel with O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	Schinder	2017
	LA	3	Lamco	2016
	1-Ph Current Transformer	3	SCT	2009
	3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd	2009
Manihoul	Line control & relay panel with O/C E/F protection	1	ABB	2009
	3 Phase Circuit Breaker	1	Stelmec	2015
	LA	3	Oblum	2016

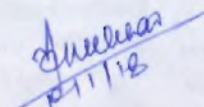
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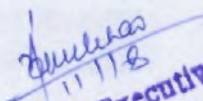
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		1-Ph Current Transformer	3	SCT	2009
		3 Phase Isolator with/without Earth switch	3	Faraday electrical ltd	2009
33 KV Buscoupler		Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	2009
		3 Phase Circuit Breaker	1	Areva	2009
		1 Ph PT	3	SCT	2009
		LA	0	-	-
		1-Ph Current Transformer	3	SCT	2009
		3 Phase Isolator with/without Earth switch	3	Faraday Electrical ltd	2009

**Other Substation Equipments -**

Battery Charger	1	250 volt	2	Amra raza	2009
	2	48 volt	2	Amra raza	2009
ACDB			5	Amra raza, vikas power equipments pvt ltd, system control	2009 , 2017
DCDB(110V/48V)					
Battery bank	1	250 volt	5	Amra raza, vikas power equipments pvt ltd, system control	2009 , 2017

  
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	2	48 volt	5	Amra raza,vikas power equipments pvt ltd, system control	2009 , 2017
	DG set		1	Cromptons & Grews	2009
PLCC Equipment	1.Isolator				
	2. Battery Charger				
	3. Panel		14 no	BPL & ABB	2009 & 2016
	4.telephone		5		
	Hydrant system with Pipe arrangement		1 set		2009
	Fire Fighting Equipment		06 no 22kg Co2,08 no 4.5 kg Co2 & 06 no 5 kg DCP type powder cylinder	Zenith	
	Earthing Rods		5 set		
	Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)		1 set	Taparia	
	Testing Equipments		02 no 5kv megger, 02no multimeter,02 no BDV Kit, etc		
	Safety Gear(Helmet,Gloves,Boot, etc.)		4 set	Karma,	
	SST		2	East india udyog ltd	2009
	Spare Hardware Fitting.				

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