

**POWER TRANSFORMER INSTALLED IN DIFFERENT GSS's UNDER TRANSMISSION ZONE - MUZAFFARPUR AS ON 13.04.17**

SL NO	NAME OF GSS	CAPACITY	VOLTAGE RATIO(KV)	MAKE	MAKER SERIAL NO.	YEAR OF MFG.	% IMPEDENCE
<b>TRANSMISSION CIRCLE - MUZAFFARPUR</b>							
1	MUZAFFARPUR	50MVA	132/33	CGL	3451	1989	14.16
		50MVA	132/33	TELK	410512-2	1993	14.81
		50MVA	132/33	BBL	5438/1	2015	9.345
2	BETTIAH	50MVA	132/33	BBL	5378/7	2014	10.07
		20MVA	132/33	ABB	AAD-003	2008	10.01
		20MVA	132/33	IMP	PT6379	2012	10
3	MOTIHARI	20MVA	132/33	TELK	120085/3	1974	9.19
		50MVA	132/33	BBL	5378/10	2014	11.5976
		50MVA	132/33	C.G.L	T10458/2	2014	11.643
		50MVA	132/33	C.G.L	T10458/3	2014	11.66
4	DHAKA	20MVA	132/33	INDOTECH	IT-37500	2005	10.23
		20MVA	132/33	TELK			
		20MVA	132/33	KANO HAR	KT20000/58	2014	10.36
5	HAJIPUR 1	50MVA	132/33	CGL	T10417/3	2014	11.55
		50MVA	132/33	CGL	T10417/3	2014	11.66
		50MVA	132/33	EMCO	HT1788/12979	2009	11.871
6	MADHUBANI	50MVA	132/33	ECE	S- 86677	2016	12.5
		20MVA	132/33	TELK	120476-5	2005	10.5
		20MVA	132/33	TELK	120476-6	2005	10.39
7	PANDAUL	20MVA	132/33	BHEL	6001563	1966	12.5
		50MVA	132/33	CGL	T10417/1	2014	11.71
		50MVA	132/33	ECE	S-86676	2016	12.80
8	RAMNAGAR	20MVA	132/33	NGEF	2800029509	N.A.	10.2
		20MVA	132/33	EMCO	EM09/B3913/R-3	2008/09	10
		50MVA	132/33	ECE	S-86680	2016	12.86
9	RAKSAUL	20MVA	132/33	ABB	AAB002	2008	TAP5:9.98
		20MVA	132/33	ABB	AAB001	2008	TAP5:9.99
10	SITAMARHI	50MVA	132/33	ECE	S - 86523	2012	12.5
		50MVA	132/33	KANO HAR	KT50000/81	2014	12.62
		50MVA	132/33	B B L	5378/02	2013	N.A.
11	SKMCH	50MVA	132/33	ABB	AAE05	2007	N.A.
		50MVA	132/33	ABB	AAE06	2007	N.A.

12	RUNNISAIDPUR	20MVA	132/33	EMCO	3129	2008	10.018
		20MVA	132/33	EMCO	3120	2008	10.0859
13	GOPALGANJ	50MVA	132/33	BBL	5378/08	2014	11.5
		50MVA	132/33	BBL	5378/09	2014	11.74
14	JANDAHA	20MVA	132/33	ECE	F-86517	2012	11.821
		20MVA	132/33	ECE	F-86518	2012	11.821
15	SAMASTIPUR	20MVA	132/33	CGL	24722	1987	10.39
		20MVA	132/33	BHEL	N.A.	2007	N.A.
		50MVA	132/33	ABB	AEE004	2008	12.22
16	MUSRAKH	20MVA	132/33	EMCO	3126	2008/2009	9.9937
		20MVA	132/33	EMCO	3131	2008/2009	10.0336
17	VAISHALI	20MVA	132/33	TELK	120476-1	2005	10.28
		20MVA	132/33	TELK	120476-2	2005	10.38
18	CHAPRA	50MVA	132/33	EMCO	HT1788/12980	2008/2009	11.959
		50MVA	132/33	BBL	5377/ 01	2014	11.58
		20MVA	132/33	NGEF	2800029507	1977	10.08
19	DARBHANGA 1	50MVA	132/33	ABB	AAE003	2008	12.29
		50MVA	132/33	BBL	5435/1	2015	9.81/12.26
20	PHULPARAS	20MVA	132/33	CGL	T09418/3	2008	10.55
		20MVA	132/33	CGL	T9418/4	2015	10.47
21	DALSINGH SARAI	20MVA	132/33	EMCO	3130	2008/2009	10.0572
		20MVA	132/33	EMCO	3127	2008/2009	10.0572
		50MVA	132/33	ECE	86675	2016	12.5
22	KUSHESWARASTHAN	20MVA	132/33	CGL	BH09494/8	2008	11.54
		20MVA	132/33	CGL	BH09494/7	2008	11.5
23	JAINAGAR	20MVA	132/33	TELK	120476-4	2005	10.97
		20MVA	132/33	TELK	120476-3	2005	10.38
		20MVA	132/33	KANO HAR	KT20000/60	2015	10.26
24	SHEETALPUR	20MVA	132/33	NGEF	280015395	2010	9.75
		20MVA	132/33	NGEF	2800051097	1991	9.42
25	SIWAN	20MVA	132/33	TELK	120087-2	1975	9.15
		50MVA	132/33	VIJAY ELE.	90136A02	2014	9.5
		50 MVA	132/33	CGL	T10431/1	2015	9.18
26	GANGWARA	50MVA	132/33	T&R	TCO300221	2014	10.56
		50MVA	132/33	T&R	TCO300220	2014	10.52
27	EKMA	20MVA	132/33	EMCO(REP.)	6023	2014	11.4
28	SAMASTIPUR 220KV	50MVA	132/33	CGL	T10519/3	2014	12.17
		50MVA	132/33	CGL	T10519/4	2014	12.04

29	SHEOHAR	50MVA	132/33	ECE	86715	2016	12.82
		50MVA	132/33	ECE	86716	2016	12.62
30	DHANHA(Takhraha)	50MVA	132/33	T&R	PCO300222	2014	10.54
		50MVA	132/33	T&R	PCO300223	2014	10.47
31	MAHNAR	20MVA	132/33	ECE	86708	2016	12.2
		20MVA	132/33	ECE	86707	2016	12.22
32	BENIPATTI	20MVA	132/33	ECE	S-86709	2016	12.22
		20MVA	132/33	ECE	S-86710	2016	12.23
33	NARKATIAGANJ	20MVA	132/33	ECE	86717	2016	12.5
34	BELSAND	10MVA	132/33	T&R	01515	2005	9.91
		10MVA	132/33	T&R	01536	2005	9.92
35	HATHUA	20MVA	132/33	ECE	86718	2016	9.78
36	MUSHAHRI	50MVA	132/33	CGL	T 10519/6	2015	11.84
		50MVA	132/33	CGL	T105A/5	2015	11.74
		50MVA	132/33	CGL	T 10519/7	2015	11.84
37	PUPRI	20MVA	132/33	ECE	S-86711	2016	12.14
38	MOTIPUR	50MVA	132/33	ALSTOM	T7067/3,B30977	2016	12.12
<b>TRANSMISSION CIRCLE - BHAGALPUR</b>							
39	BANKA	20 MVA	132/33	ANDREW YULE	13263	2005	9.803
		20 MVA	132/33	ANDREW YULE	13240	2005	9.953
		50 MVA	132/33	CGL	T10467/1	2014	9.47
40	JAMALPUR	50 MVA	132/33	CGL	T09408	2008	10.131
		50 MVA	132/33	BBL	5378/5	2014	11.74
41	SABOUR	50 MVA	132/33	ECE	586524	2012	12.12
		50 MVA	132/33	CGL	T09408/2	2008	10.1
		50MVA	132/33	KANO HAR	KT50000/82	2015	12.67
42	NAUGACHIA	20 MVA	132/33	CGL	T-8776/1	2001	10.43
		20MVA	132/33	KANO HAR	KT20000/59	2014	10.35
		20MVA	132/33	CGL	BH8747/3	2000	10.85
43	SULTANGANJ	50MVA	132/33	CGL	T-10467/3	2014	9.48
		50 MVA	132/33	CGL	T-10467/2	2014	9.52
		20MVA	132/33	CGL	T-8283/3	2007	10.39
		20MVA	132/33	ABB	AAW-005	2009	9.92

44	KAHALGAON	20MVA	132/33	ANDREW YULE	12979	2001	10.257
		20MVA	132/33	BHEL	6004164	1977	10
		50MVA	132/33	VOLTAMP	22120/1	2013	11.59
		50MVA	132/33	CGL	T10417	2014	11.64
45	TARAPUR	20MVA	132/33	ADITYA VIDYUT	138/2	2015	12.02
		20MVA	132/33	ADITYA VIDYUT	138/1	2016	11.76
<b>TRANSMISSION CIRCLE - PURNEA</b>							
46	KATI HAR	50MVA	132/33	KANO HAR	KT50000/80	2014	10.33
		20MVA	132/33	BHEL	NA	NA	NA
		20MVA	132/33	ANDREW YULE	12982	2001	10.311
		20MVA	132/33	CGL	BHO 9494/6	2009	10.48
47	PURNEA	50MVA	132/33	ABB	12005-003	2007	12.22
		50MVA	132/33	BHEL	6003840	1975	14.59
		50MVA	132/33	ECE	S-86674	2016	12.73
		20MVA	132/33	CGL	BH8747	2000	10.79
48	SUPAUL	20MVA	132/33	Vijay Electric	90136B02	2013	9.4
		20MVA	132/33	Vijay Electric	90136B01	2013	9.43
		20MVA	132/33	KANO HAR	KT-20000/57	2014	10.37
49	MADHEPURA	100MVA	132/33	CGL	BHO 9497/2	2009	12.26
		100MVA	132/33	CGL	BHO 9497/1	2009	12.22
		100 MVA	132/33	KANO HAR	100000/34	2015	12.02
		20MVA	132/33	CGL	BHO 9494/3	2009	10.37
		20MVA	132/33	CGL	BHO 9494/4	2009	10.35
50	SAHARSA	50MVA	132/33	KANO HAR	KT50000/	2014	12.39
		50MVA	132/33	BBL	5378/6	2014	11.707
51	SONBARSA	20MVA	132/33	CGL	BHO 9494/1	2008	10.47
		20MVA	132/33	CGL	BHO 9494/2	2008	10.38
52	FORBESGANJ	20MVA	132/33	ANDREW YULE	13238	2005	10.562
		20MVA	132/33	ANDREW YULE	13242	2005	10.572
		50 MVA	132/33	KANO HAR	KT-50000/79	2015	10
53	UDAKISHANGANJ	20MVA	132/33	ANDREW YULE	13239	2005	9.989
		20MVA	132/33	ANDREW YULE	13243	2005	10.501
54	KISHANGANJ	20MVA	132/33	ECE	S-86101	2009	10.3
		50MVA	132/33	BBL	5378/11	2014	11.741
		50MVA	132/33	KANO HAR	KT50000/87	2014	12.4

55	KHAGARIA	50MVA	132/33	KANO HAR	KT50000/78	2014	10
		20MVA	132/33	NGEF	280805-1095	1991	9.45
		20MVA	132/33	HEL	6001559	1967	12.5
56	KATAIYA	20MVA	132/33	TELK	BURNT		
		20MVA	132/33	TELK	NA	2000	NA
		20MVA	132/33	CGL	BHO 9494/5	2008	10.48
		50MVA	132/33	ECE	86688	2016	12.5
57	BEGUSARAI	50MVA	132/33	IMP	PT5787	2008/09	13.1
		50MVA	132/33	IMP	PT5788	2008/09	13.1
		50MVA	132/33	BBL	5437/01	2015	12.73
58	KISHANGANJ 220KV	50MVA	132/33	CGL	T10625/2	2015	12.01
		50MVA	132/33	CGL	T10625/1	2015	11.99
59	NIRMALI	20MVA	132/33	CGL	24043	2016	9.6064
		20MVA	132/33	CGL	6028		
60	BANMANKI	20MVA	132/33	CGL	BH8747/2	2000	10.5
		20MVA	132/33	ANDREW YULE	13241	2005	10.513
61	SIMRI BAKHTIYARPUR	20MVA	132/33	AVAL	M138/4	2016	11.98
<b>PATNA TRANSMISSION CIRCLE</b>							
62	JAKKANPUR	50 MVA	132/33	GEC	B 26782	1987	14.290
		50 MVA	132/33	GEC	B 27094	1988	14.271
		50 MVA	132/33	ABB	1206001	2007	14.14
		50 MVA	132/33	TOSHIBA	90142801	2014	13.14
		20 MVA	132/33	ADITYA	B 26371	2013	9.85
63	KHAGAUL	50 MVA	132/33	TELK	120337/1	1993	14.93
		50 MVA	132/33	TELK	120266/3	1988	15.56
		50 MVA	132/33	EMCO	HT1450/11918	1999	15.13
		50 MVA	132/33	BBL	5378/3	2013	11.6903
		50 MVA	132/33	Kanohar	KT-50000/85	2016	14.84

64	DIGHA	50 MVA	132/33	EMCO	N.A	2008	11.875
		50 MVA	132/33	EMCO	HT178813918	2008	11.875
		50 MVA	132/33	BBL	5433	2015	11.875
65	BIHTA	50 MVA	132/33	CGL	BH 9025/1	2004	12.86
		50 MVA	132/33	CGL	BH-9025/2	2004	12.86
		50 MVA	132/33	BBL	5378/1	2014	11.65
66	MTHAPUR	50 MVA	132/33	BHEL	2011363	1998	14.29
		50 MVA	132/33	BHEL	2011362	1998	14.29
67	KARBIGAHIA	50 MVA	132/33	KANO HAR	KT50000/63	2012	12.5
		50 MVA	132/33	KANO HAR	KT50000/64	2012	12.5
		50 MVA	132/33	KANO HAR	KT50000/62	2012	12.5
		50 MVA	132/33	KANO HAR	KT50000/61	2012	12.5
68	GAIGHAT	50 MVA	132/33	BHEL	2012603	1999	14.39
		50 MVA	132/33	AREVA	670800397	2009	14.78
69	KATRA	50 MVA	132/33	ABB	AAE-001	2008	12.23
		50 MVA	132/33	ABB	AAE-002	2008	12.12
		50 MVA	132/33	BBL	5434/1	2015	11.905
70	SIPARA	50 MVA	132/33	ABB	12055-003	2007	12.22
		50 MVA	132/33	ABB	AFJ001	2007	12.53
71	FATUHA	50 MVA	132/33	ABB	12055-1	2007	12.13
		50 MVA	132/33	ABB	12055-2	2007	12.12
		50 MVA	132/33	ECE	S-86684	2016	12.5
72	MASAURHI	20 MVA	132/33	GEC	B26370	2008	10.18
		20 MVA	132/33	GEC	B26367	2008	10.09
		50 MVA	132/33	ECE	S-86678	2016	12.85

**BIHARSHARIF TRANSMISSION CIRCLE**

73	BIHARSHARIFF	20 MVA	132/33	AREVA	TECA-680800472	2009	10.41
74	BARIPAHARI	T-2 50 MVA	132/33	BHEL	6003842	2004	15.12
		T-3 50 MVA	132/33	AREVA	670800025 / D-30447	2009	15.12
		50 MVA	132/33	KANO HAR	KT-50000/86	2016	14.98

75	RAJGIR	20 MVA	132/33	ANDREW YULE	12981	2001	10.484
		20 MVA	132/33	NGEF	2800029503	1977	10.12
76	NALANDA	20 MVA	132/33	AREVA	D8434	2009	10.3
		20 MVA	132/33	AREVA	D8435	2009	10.25
77	BARH	50 MVA	132/33	Vijay Electricals	90136/03	2013	9.763
		20 MVA	132/33	ANDREW-YUL	13237	2005	9.763
78	HATHIDAH	20 MVA	132/33	BBL	1708-1	2013	10.21
		20 MVA	132/33	BBL	3234/4	1977	N.A.
		20 MVA	132/33	CGL	09494/9	2009	10.46
79	SHEIKHPURA	20 MVA	132/33	KANO HAR	K-2000013	2001	10.00
		20 MVA	132/33	CGL	T8283	1992	10.32
80	LAKHISARAI	20 MVA	132/33	CGL	T8776/2	2001	10.72
		20 MVA	132/33	CGL	BHO9494/10	2009	10.41
		20 MVA	132/33	CGL	T8776/3		
		50 MVA	132/33	ECE	S-86682	2016	12.86
81	JAMUI	20 MVA	132/33	Atlanta	2820780	N.A.	9.852
		20 MVA	132/33	Areva	282124	2008	10.4
		50 MVA	132/33	ECE	S-86679	2016	12.5
82	HARNAUT	20 MVA	132/33	AREVA	D8436	2009	10.3
		20 MVA	132/33	AREVA	D8437	2009	10.38

83	EKANGARSARAI	20 MVA	132/33	ABB	AAD005	2009	10.02
		20 MVA	132/33	ABB	AAD004	2009	9.95
		20 MVA	132/33	NGEF (EMCO)		2015	10.06
<b>GAYA TRANSMISSION CIRCLE</b>							
84	CHAUNDAUTI	50 MVA	132/33	CGL	T09408/7	2008	10.36
		50 MVA	132/33	CGL	T09408/6	2008	10.32
		13.35 MVA	132/25	BBL	1412/1	1974	9.50
		13.35 MVA	132/25	BBL	1412/2		9.55
85	BELAGANJ	20 MVA	132/33	NGEF	2800029508	2012	9.36
		20 MVA	132/33	NGEF	2800051093	1991	9.36
		20 MVA	132/33	BHEL	6001557	2016	12.37
86	JEHANABAD	20 MVA	132/33	ABB	AAW0011	2009	10
		20 MVA	132/33	BBL	3234/4	1992	9.608
87	ATAULA(KARPIL)	20 MVA	132/33	AREVA	D-8430	2009	10.39
		20 MVA	132/33	AREVA	D-8431	2009	10.21
88	BODHGAYA	50 MVA	132/33	CGL	T09408/3	2008	10.13
		50 MVA	132/33	CGL	T09408/1	2008	10.28
		50 MVA	132/33	BBL	5394/01	2016	10.307
89	SHERGHATI	20 MVA	132/33	IMP	PT-5925	2008	10.08
		20 MVA	132/33	IMP	PT5924	2008	10.08
90	IMAMGANJ	20 MVA	132/33	ECE	S-86519	2012	11.84
		20 MVA	132/33	ECE	S-86520	2012	11.84
91	RAFIGANJ	20 MVA	132/33	ECE	S-86102	2009	10.15
		50 MVA	132/33	BBL	5393	2014	11.812
92	NAWADA	50 MVA	132/33	Vijay Elec.	90136A04	2013	9.56
		50 MVA	132/33	BBL	5378/04	2014	9.39
		50 MVA	132/33	Kanohar	1440168	2016	10.30
		20 MVA	132/33	NGEF	2800051092	1991	9.767



93	TEKARI	20 MVA	132/33	CGL	T09418/1	2008	10.35.
		20 MVA	132/33	CGL	T09418/2	2008	10.48
94	WAZIRGANJ	20 MVA	132/33	AREVA	68080000938433	2009	10.08
		20 MVA	132/33	AREVA	68080000938432	2009	10.35
95	TEHTA	20 MVA	132/33	ECE	S-86515	2012	12.5
		20 MVA	132/33	ECE	S-86516	2012	11.73
96	HULASGANJ	20 MVA	132/33	CGL	T09418/6	2008	10.42
		20 MVA	132/33	CGL	T09418/5	2008	10.45
<b>DEHRI TRANSMISSION CIRCLE</b>							
97	DEHRI-ON-SONE	50 MVA	132/33	BBL supplied by Skipper			
		50 MVA	132/33	GEC	B26780	1987	14.401
		50 MVA	132/33	BBL	5457/2	2016	14.508
98	BANJARI	20 MVA	132/33	BBL	3234/6	1996	9.1549
		20 MVA	132/33	ABB	AAW007	2009	9.95
		20 MVA	132/33	BHEL	6004163(BHEL)/ 6026(EMCO)	2015	10.3694
99	KOCHAS	20 MVA	132/33	Vijay Elec.	90136804	2013	9.44
		20 MVA	132/33	Vijay Elec.	90136803	2013	9.41
100	KUDRA	20 MVA	132/33	ABB	AAW008	2009	9.89
		20 MVA	132/33	ABB	AAW009	2009	9.87
101	MOHANIA	20 MVA	132/33	Indotech Tr. Ltd.	IT 37504	2005	9.672
		50 MVA	132/33	EMCO	6030	2014	14.646
102	KARAMNASA	<b>21.6 MVA</b>	132/25	TELK	120593-2	2011	12.22
		<b>50 MVA</b>	132/33	CGL	9408/5		
		<b>20 MVA</b>	132/25	CGL	24743	1987	17.51
		20 MVA	132/33	CGL	24830	1988	16.59
		<b>50 MVA</b>	132/33	Kanohar	KT-50000/89	2014	10.34

103	PUSOULI(NEW)	50 MVA	132/33	Kanohar	KT-50000/91	2016	12.43
		50 MVA	132/33	Kanohar	KT-50000/92	2016	12.42
104	SASARAM	20 MVA	132/33	Indotech Tr. Ltd.	IT 37503	2005	10.128
		20 MVA	132/33	Indotech Tr. Ltd.	IT 37501	2005	10.19
105	BIKRAMGANJ	20 MVA	132/33	Indotech Tr. Ltd.	IT 37502	2005	10.06
		20 MVA	132/33	Indotech Tr. Ltd.	IT 37505		
		50 MVA	132/33	ECE	86687	2016	12.82
		50 MVA	132/33	Kanohar	KT-50000/90	2016	12.41
106	SONENAGAR	50 MVA	132/33	BBL	5096/1	2009	8.779-14.631
		20 MVA	132/33	NGEF	28000-15399	2013	9.33
		50 MVA	132/33	BBL	5457/01	2015	14.494
		21.6 MVA	132/25	TELK	120595-1	2011	11.91
		20 MVA	132/25	CGL	2473/9	1987	11.83
107	SONENAGAR(NEW)	50 MVA	132/33	CGL	T10519/1	2015	12.06
		50 MVA	132/33	CGL	T10519/2	2015	12.11
108	AURANGABAD	20 MVA	132/33	ABB	AAW-009	2009	9.91
		20 MVA	132/33	ABB	AAW-006	2009	9.89
		50 MVA	132/33	BBL	5458/02	2016	10.778
109	GOH	20 MVA	132/33	ABB	AAW-001	2009	10.2
		20 MVA	132/33	ABB	AAW 002	2009	10.32
110	ARA	50 MVA	132/33	Vijay Elec.	90136A01	2013	9.50%
		50 MVA	132/33	BBL	5377/2	2014	11.5695
		50 MVA	132/33	Kanohar	KT-50000/83	2016	12.4
111	JAGDISHPUR	20 MVA	132/33	ABB	AAW003	2009	9.97
		20 MVA	132/33	ABB	AAW004		
		50 MVA	132/33	ECE	S-86690	2016	12.84
112	DUMRAON	20 MVA	132/33	BBL	3234/7	2012	9.26
		50 MVA	132/33	BBL	5436/1	2015	12.223

113	BUXAR	20 MVA	132/33	CGL	T0 9418/8	2008	10.59
		20 MVA	132/33	CGL	T0 9418/7	2008	10.43
		50 MVA	132/33	BBL	5458/01	2015	10.327









