

ELECTRICAL (GENERAL) DEPARTMENT

ELECTRICAL(Power)

1.. POWER SUPPLY:

No of stations electrified :

Type of station	Total	Electrified	Non-electrified
Crossing/Flag/halt	94	89	15

2. ELECTRICAL SET UP OF SONPUR DIVISION :

Sl. No.	Name of Station/Jn.	Contract demand	D. G. set (installed capacity)	Pump (installed capacity)	Solar LED light	Supply voltage (by BSEB)
1.	Goldinganj	5 KW	-	-	-	440 V
2.	Dumari Juara Halt	-	-	-	-	-
3.	Baragopal	-	-	-	-	-
4.	Panchpatiya Dewaria	-	-	-	-	-
5.	Awatar Nagar	-	-	-	-	-
6.	Ambika Bhawani	-	-	-	-	-
7.	Dighwara	18 KW	-	1200 GPH	-	440 V
8.	Shitalpur	8 KW	-	-	-	440 V
9.	Nayagaon	5 KW	-	1200 GPH		440 V

10.	Parmanandpur	-	-	-	-	-
11.	Sonpur	- 2150 KVA	(320+312. 5X2+250) KVA	20000X7 GPH	-	11 KV
12.	Hajipur		(250X6+1 60+ 63X2) KVA	(24000+200 00+10000X 3+ 4000) GPH	-	33/11 KV
13.	Chakmakarand	-	-	-	-	-
14.	Akshaybatrai Nagar	5 KW	-	-	-	440 V
15.	Dhabauli Halt	-	-	-	-	-
16.	Chaksikandar	-	-	-	-	-
17.	Gram kharika Halt	-	-	-	-	-
18.	Desari	8 KW	-	-	-	440 V
19.	Sahdeibujurg	10 KW	-	-	-	440 V
20.	Mahnar Road	10 KW	-	-	-	440 V
21.	Basudevpuurchandel Halt	-	-	-	-	-
22.	Shahpur patori	17+9 KW	(30+15) KVA	4000 GPH	-	440 Vx2
23.	Nandani Lagunia	-	-	-	-	-
24.	Rajajan Halt	-	-	-	-	-
25.	Mohiuddin Nagar	11 KW	-	-	-	440 V
26.	Harpurbochaha Halt	-	-	-	-	-

27.	Vidyapati Dham	12 KW	-	-	-	440 V
28.	Sherpur Dhipura Halt	-	-	-	-	-
29.	Fateha Halt	-	-	-	-	-
30.	Ghoswar	10KW	-	-	-	440 V
31.	Sarai	15KW	-	-	-	440 V
32.	Bithauli Flag	-	-	-	-	-
33.	Bhagwanpur	20KW	-	-	-	440 V
34.	Benipatti Pirapur Halt	-	-	-	-	-
35.	Goraul	10+5KW	-	-	-	440 Vx2
36.	Kurhani	4KW	-	-	-	440 V
37.	Turki	4KW	-	-	-	440 V
38.	Ramdyalu Nagar	40 KW	-	-	-	440 V
39.	Muzaffarpur	1000 KVA +(53+60+60+50)KW (60+20)HP	(250x2,20 0160x4, 63x2)KVA	(20000X3 16000X2 14000,6000 ,1200)GPH	-	33/11 KV 440 V
40.	Narayanpur Anant	80 KVA + 45KW	(63,30,12.5) KVA	10000GPH	-	11/.440 KV
41.	Silaut	4KW	-	-	-	440 V
42.	Siho	13KW	-	-	-	440 V
43.	Dholi	12+5KW	-	-	-	440 Vx2
44.	Dubha	5KW	-	-	-	440 V

45.	Vishunpur Bathua Halt	2 KW	-	-	-	230 V
46.	Khudiram Bose Pusa	15+6KW	-	-	-	440 V
47.	Karpurigram	50KW	-	-	-	440 V
48.	Belari Halt	-	-	-	-	-
49.	Ujiyarpur	5KW	-	-	-	440 V
50.	Najirganj	5KW	-	-	-	440 V
51.	Basadiha Halt	-	-	-	-	-
52.	Dalsinghsarai	16+64KW	(30,12,10) KVA	6000GPH 800GPH		440 Vx2
53.	Sathajagat	4KW	-	-	-	440 V
54.	Bachwara	6+22 KW	-	-	-	440 Vx2
55.	Majnupur Navada H.	-	-	-	-	-
56.	Teghra	10 KW	-	-	-	440 V
57.	Barauni Flag	1 kW	-	-	-	440 V
58.	Barauni Jn.	1800 KVA	(250+200+ 160x3) KVA	20000x4 GPH	-	33/11 KV`
59.	Bihat Halt	-	-	-	-	-
60.	Garahara	1800KVA	81.25KVA, 63KVA	(20000X2,1 6000X3)GP H		-

61.	Dinkargram Semaria	5KW	-	-	-	440 V
62.	Chakia Terminal Halt	-	-	-	-	-
63.	Tilrath	7KW	-	-	-	440 V
64.	Singhaul Halt	-	-	-	-	-
65.	Begusarai	27+52KW	(125,30, 21.25)KVA	20000GPH		440 Vx2
66.	Lakho	25KW	-	-	-	440 V
67.	Dhanauli Phulwaria	25KW	-	-	-	440 V
68.	Lakhminia	35KW	-	-	-	440 V
69.	Sanha Halt	-	-	-	-	-
70.	Sahibpur Kamal	35KW	-	-	-	440 V
71.	Umeshnagar	25KW	-	-	-	440 V
72.	Khagaria	200KVA	(160,125, 41.25,30, 10,63)KVA	20000X2GP H	-	11/.440 KV
73.	Mansi	200KVA	(125,60x2, 30,10)KVA	20000GPH 14000GPH	-	11/.440 KV
74.	Chaidha Banni Halt	-	-	-	-	-
75.	Maheshkhunt	15KW	-	-	-	440 V

76.	Gauchhari	25KW	-	-	-	440 V
77.	Pasraha	15KW	-	-	-	440 V
78.	Bharatkhand	5KW	-	-	-	440 V
79.	Narayanpur	27KW	-	-	-	440 V
80.	Thanabihpur	200KVA	(30x2,10) KVA	10000GPH	-	11/.440 KV
81.	Bagrigram Halt	-	-	-	-	-
82.	Kharik	25KW	-	-	-	440 V
83.	Naugachia	100KVA	(125,60,3 0,10)KVA	15000GPH	-	11/.440 KV
84.	Banikpur Halt	-	-	-	-	-
85.	Katareah	25KW	-	-	-	440 V
86.	Kosi Cabin	-	-	-	-	-
87.	Kursela	9+13KW		10000GPH		440 Vx2
88.	Bakhari	25KW	-	-	-	440 V
89.	Karhagola Road	10+9KW	-	-	-	440 V
90.	Semapur	9+11KW	-	-	-	440 V

3. Important Assets:

Sl. No	Important Item	Installed Capacity		Quantity
1.	D.G. Set	320	KVA	01 No.
		312	KVA	02 Nos.
		250	KVA	10 Nos.
		200	KVA	02 Nos.
		160	KVA	09 Nos.
		125	KVA	05 Nos.
		81.25	KVA	01 No.
		63/60	KVA	09 Nos.
		41.25	KVA	01 No.
		30	KVA	09 Nos.
		21.5	KVA	01 No.
		11.5/12.5/15	KVA	03 Nos.
		10	KVA	05 Nos.
		5/ 6.25/7.5	KVA	04 Nos.
2.	Water Pump	24000	GPH	01 Nos.
		20000	GPH	21 Nos.
		16000	GPH	05 Nos.
		15000	GPH	01 Nos.
		14000	GPH	02 Nos.
		12000	GPH	03 No.
		10000	GPH	06 Nos.
		6000	GPH	02 Nos.
		4000	GPH	01 Nos.
		800	GPH	08 Nos.
3.	Sub Stations	11 /0.433	kV	05Nos.
		33 / 11	kV	03 Nos.(HJP,MFP & BJU)

4. PUMPING INSTALLATIONS (working):

Sl. No.	Station	Yield	Installed at	No. of Pumps	Running Hours
1.	HJP	24000 GPH	Konhara colony/HJP	1	3.5 hrs.
		20000 GPH	HJP stn. colony	1	8 hrs.
		20000 GPH	HJP stn. colony	1	8 hrs.
		10000 GPH	Ramasheesh chowk colony	1	5 hrs
		10000 GPH	GM office(old & new)/HJP	1	4 hrs
		10000 GPH	GM office(old & new)/HJP	1	10 hrs
		4000 GPH	Poly clinic	1	1 hrs.
2.	SEE	20000 GPH	Micro wave, Barbatta, New grain shop - Damage, Stadium , Pahari Chak -Damage, DEMU /Shed & BMP barrack P. houses / SEE - Pump not installed	7	Micro wave-15, Barbatta -11, Stadium -12 & DEMU /Shed - 5Hrs.
3.	SPP	4000 GPH	SPP P. house	1	6.5 hrs.
4.	DGA	1200 GPH	DGA P. house (Solar pump)	1	4 hrs.
5.	NYO	1200 GPH	NYO P. house (Solar pump)	1	5 hrs.
6.	BJU	20000 GPH	Malgodam , Rajbara, Near Power House & 33 kV Pump Houses/BJU	4	3 x 18 hrs.
7.	BGS	20000 GPH	BGS P. house	1	4 hrs.
8.	DSS	6000 GPH	DSS P. house	1	6 hrs.
		800 GPH	Solar pump at stn.	1	Pipe line not connected
9.	LAK	800 GPH	At station	1	2 hrs.
10.	LKN	800 GPH	At station	1	2 hrs.
11.	SJK	800 GPH	At station	1	2 hrs.
12.	NNR	800 GPH	At station	1	2 hrs.
13.	CRR	800 GPH	At station	1	2 hrs.
14.	KGK	20000 GPH	Near RPF barrack/KGK	2	1 x 14 hrs. & 1 Spare
15.	MNE	20000 GPH	New pump house/MNE	1	7 hrs.

		14000 GPH	Rest house/MNE	1	Spare
16.	THB	10000 GPH	THB stn.	1	16 hrs.
17.	NNA	15000 GPH	NNA stn.	1	6 hrs.
18.	KUE	10000 GPH	KUE stn.	1	6 hrs.
19.	MFP	16000 GPH	Chakkar pump house/MFP	1	17 hrs.
		20000 GPH	Hospital pump house/MFP	1	17 hrs.
		20000 GPH	Imali Road pump house/MFP	1	12 hrs.
		16000 GPH	Brahmpura Pump house/MFP	1	12 hrs.
		14000 GPH	B.G. Loco Pump house/MFP	1	17 hrs.
		1200 GPH	At ZTS,Muzaffarpur	1	5 hrs.
		20000 GPH	15 no. pump at Leechi Bagan,MFP	1	17 hrs.
		6000 GPH	Bibiganj colony/MFP	1	12 hrs.
14.	NRPA	10000 GPH	At NRPA Stn.	1	12 hrs.
15.	GHZ	20000 GPH	K.V. pump house	1	14 hrs.
		16000 GPH	I. college P.house	1	11 hrs.
		16000 GPH	Exch. Yd. P. house	1	Closed
		16000 GPH	Eastern Rly. colony	1	11 hrs.
		20000 GPH	Durga sthan P. house	1	12 hrs.

Total: 50

5. Transformers installed :

Place/ Station	Voltage Grade	Transformer Installed	
		Total	Capacity (kVA)
SEE Power House	11/0.4 KV	4	250
SEE Microwave	11/0.4 KV	3	250
SEE/Barbatta	11/0.4 KV	2	250
SEE Mela ground	11/0.4 kV	1	100
33/11 KV Sub-station/HJP	33/11 KV	2	3000
		1	2000
	11/0.4 KV	2	250
HJP Power House	11/0.4 KV	1	250
G.M. Building/HJP	11/0.4 KV	2	250
		1	160
		4	500
Konahara ghat/HJP	11/0.4 KV	2	500
33/11 KV Sub. Station/MFP	33/11 KV	2	1600
	11/0.4 KV	2	25
MFP Power House	11/0.4 KV	6	250
		1	500
MFP/Brahmpura.	11/0.4 KV	2	250
B.B.Ganj./MFP	11/0.4 KV	1	100
B.G.Loco/MFP	11/0.4 KV	1	250
		1	100
ZTC/MFP	11/0.4 kV	2	63
NRPA P. House	11/04 kV	1	160
		1	100
Karpurigram	11/0.4 KV	2	25
Dholi	11/0.4 KV	2	63
Dalsing Sarai	11/0.4 KV	1	63
Bachwara	11/0.4 KV	1	100
33/11 KV Sub. Station/BJU	33/11 KV	1	2000
		1	1600
BJU Power House	11/0.4 KV	4	250
Rajbara Sub.Station /BJU	11/0.4 KV	1	250
W. Pit Sub. Station /BJU	11/0.4 KV	1	250

Rajwara Pump house/BJU	11/0.4 KV	1	250
Power House/GHZ	11/0.4 KV	1	250
		2	100
RPF colony/GHZ	11/0.4 KV	2	250
		1	100
P. house (Eastern Rly. Part)under GHZ	11/0.4 KV	1	300
		1	250
Junction cabin between GHZ & SAE	11/0.4 KV	1	250
Central store depot/GHZ	11/0.4 KV	1	250
Exch. Yard/Bihat	11/0.4 KV	1	100
Begusarai	11/0.4 KV	1	100
Khagaria	11/0.4 KV	2	250
Mansi	11/0.4 KV	1	250
		1	160
		1	100
Thanabihpur	11/0.4 KV	2	250
Naugachia	11/0.4 KV	2	63

Total: 81

6. UPS/Inverter for PRS & UTS :

Sl.no.	Station	PRS	UTS
1.	Sonpur	2x4 KVA	Combined with PRS
2.	Hajipur(Station)	2x 4 kVA	Combined with PRS,1X2 KVA
3.	Hajipur(GM Bldg.)	1x0.5 kVA,1x2 KVA	-
4.	Muzaffarpur	1x 4 kVA	2x4kVA,1x0.5 KVA
		1x 5 kVA	
5.	Barauni	2x 4 kVA	2X5 kVA
		1x2 kVA	
6.	Khagaria	1x 2 kVA	1X2 kVA
7.	Begusarai	2x5 kVA	Combined with PRS
		1x500 VA	
8.	Naugachia	1x 5 kVA	1x3 KVA
9.	Dholi	1x3 KVA	Combined with PRS
10.	Khudiram Bose Pusa.	1x0.5 kVA	Combined with PRS
11.	Mansi	1x2 kVA.	Combined with PRS

12.	Thanabihpur	1x2 kVA.	Combined with PRS
13.	Shahpur Patoree	1X2 kVA	1X2 KVA
14.	Desari	1X1.5 kVA	Combined with PRS
15.	Dighwara	1X2 kVA	1X2 KVA
16.	Karpurigram	1X2 kVA	Combined with PRS
17.	Dalsingsarai	1X1.5 kVA	Combined with PRS
18.	Mohiuddinagar	2x500 VA	Combined with PRS
19.	Bhagwanpur	1x3KVA,1x0.5KVA	Combined with PRS
20.	Akchaiyvat Rainagar	1x2KVA	Combined with PRS
21.	Goldinganj	-	1x2KVA
22.	Badagopal	-	1x2KVA
23.	Sitalpur	-	1x2KVA
24.	Nayagaon	-	1x2KVA
25.	Parmanandpur	-	1x2KVA
26.	Sarai	-	1x2KVA
27.	Goroul	-	1x2KVA
28.	Kurhani	-	1x2KVA
29.	Turki	-	1x2KVA
30.	Ramdayalu Nagar	-	1x2KVA
31.	Narayanpur Anant	-	1x2KVA
32.	Silout	-	1x2KVA
33.	Siho	-	1x2KVA
34.	Dubha	-	1x2KVA
35.	Ujiarpur	-	1x2KVA
36.	Najirganj	-	1x2KVA
37.	Sathajagat	-	1x2KVA
38.	Bachhwarra	1x2KVA	Combined with PRS
39.	Teghra	-	1x2KVA
40.	Barauni Flag	-	1x2KVA
41.	Tilrath	-	1x2KVA
42.	Lakhminia	-	1x2KVA
43.	Sahebpurkamal	-	1x2KVA
44.	Maheshkhoont	-	1x2KVA
45.	Kursela	1x2KVA	Combined with PRS
46.	Kadagola Road	1x2KVA	Combined with PRS
47.	Semapur	1x2KVA	Combined with PRS
48.	Mahnar Road	-	1x2KVA
49.	Kataria	-	1x2KVA
50.	Pasraha	-	1x2KVA
51.	Narayanpur	-	1x2KVA
52.	Chaksikander	-	1x2KVA
53.	Sahdeyeebujurg	-	1x2KVA
54.	New Barauni	-	1x2KVA
55.	Simaria	-	1x2KVA
56.	Gouchari	-	1x2KVA
57.	Kharik	-	1x2KVA

58.	Danauli Fulwaria	-	1x2KVA
59.	Bakhri	-	1x2KVA
60.	Vidyapatnagar	-	1x2KVA
61.	Chakmakrand	-	1x2KVA

7. Air conditioner & water cooler:-

Station	Air Conditioner	Water Cooler
SEE	73	09
HJP/STN	24	05
HJP/GM Bldg.	313	09
MFP	39	14
BJU	26	09
DSS	-	01
GHZ	08	08
NRPA	-	1
KGG	02	02
BGS	1	01
MNE	-	02
THB	-	01
NNA	1	02