

ELECTRICAL (GENERAL) DEPARTMENT

ELECTRICAL(Power)

1.. POWER SUPPLY:

No of stations electrified :

	Type of station	Total	Electrified	Non-electrified
	Crossing/Flag/halt	93	77	16

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	2 KW	-	02 HP	-	440 V
2.	Dumari Juara Halt	1 KW	-	-	-	220 V-
3.	Baragopal	7 KW	-	02 HP	-	-
4.	Panchpatiya Dewaria	--	-	-	-	-
5.	Awatar Nagar	ELECTRIFIED BY AT	-	-	-	-
6.	Ambika Bhawani	Electrified	-	-	-	-
7.	Dighwara	18 KW	-	02 HP	-	440 V
8.	Shitalpur	08 KW	-	02 HP	-	440 V
9.	Nayagaon	30 KW	-	02 HP		440 V
10.	Parmanandpur	15 KW	-	02 HP	-	-
11.	Pahleza ghat	20 KW		02 HP		440 V
12	Sonpur	1200 KVA	(320*2+312.5*2+30*2 KVA)	25X 8 HP	-	11 KV
13	Hajipur	2150 KVA	(320x1, 250x6+160*1+63*2) KVA	(25x6 +12.5x3) HP	-	33/11 KV
		250 KVA				11 KV

14	HUFP	20 KW				415 V
15	VSHI	7 KW				415 V
16	GHATARO HALT	--	--	--	--	--
17	LALGANJ	20 KW				415 V
18	Paroo khash	19 KW				415 V
19	DEORIA	20 KW				415 V
20	SAHEBGANJ	20 KW				415 V
21	Saraiya halt	---	---	---	---	---
22	Ghoswar	10 KW	-	02 HP	-	440 V
23	Sarai	15KW	-	02 HP	-	440 V
24	Bithauli Flag	2 KW			-	220 V
25	Bhagwanpur	20 KW	-	02 HP	-	440 V
26	Benipatti Pirapur Halt	--	-	-	-	-
27	Goraul	10+5 KW	-	02 HP	-	440 V
28	Kurhani	4KW	-	02 HP	-	440 V
29	Turki	15 KW	-	02 HP	-	440 V
30	Ramdyalu Nagar	40 KW	-	7.5 HP+02 HP	-	440 V
31	Chakmakarand	2 KW	-	-	-	220 V
32	Akshaybat Rai Nagar	25 KW	-	-	-	440 V
33	Dhabauli Halt	2 KW	-	-	-	220 V
34	Chak sikandar	2 KW	-	-	-	220 V

35	Gram kharika Halt	2 KW	-	-	-	220 V
36	Desari	8 KW	-	-	-	440 V
37	Sahdei bujurg	10 KW	-	-	-	440 V
38	Mahnar Road	10 KW	-	-	-	440 V
39	Basudevpurchandel Halt	2 KW	-	-	-	220 V
40	Shahpur patori	17+30 KW	(30+15) KVA	05 HP	-	440 Vx2
41	Nandani Lagunia	05 KW	-	-	-	220 V
42	Rajajan Halt	1 KW	-	-	-	220 V
43	Mohiuddin Nagar	11 KW	-	-	-	440 V
44	Harpur bochaha Halt	1 KW	-	-	-	220 V
45	Vidyapati Dham	12 KW	-	-		440 V
46	Sherpur Dhipura Halt	--	-	-	-	-
47	Fateha Halt	--	-	-	-	-
48	Bachhwara	(25+22) KW	-	-	-	440 V
49	Belari Halt	--	-	-	-	-
50	Ujiyarpur	5 KW	-	02 HP	-	440 V
51	Najirganj	07 KW	-	02 HP	-	440 V
52	Basadiha Halt	--	-	-	-	-
53	DSS	(64+16) KW	(30+10)KVA	7.5 HP	-	

54	Sathajagat	1 KW	-	02 HP	-	440 V
55	Majnupur NavadaH.	--	-	-	-	-
56	Teghra	7 KW	-	02 HP	-	440 V
57	Barouni flag	1 KW	--	--	--	220 V
58	Barauni Jn.	1800 KVA	(160 KVA) x3	25x4HP	195.65 KWp	33/11 KV
59	GHZ	150 KVA	(81.25+63+500+10) KVA	20 HP X2, 15 HP X1, 25 HP X2, 01HP X4' 02 HP X1		11 KV
60	DKGS	1KW	-	-	-	440 V
61	Chakia TerminalHalt	--	-	-	-	-
62	NBJU/BJU Bypass	7 KW	----			415 V
63	Bihat Halt	--	--	--	--	--
64	Tiltarh	7+5 KW	--	--	--	440 V
65	Singhaul Halt	--	--	--	--	--
66	Begusarai	(52+27)KW	(125+30+21.25)KVA	25 HPX2	--	415 V
67	Lakho	15 KW	--	01 HP	--	415 V
68	Danauli Phulwaria	15 KW	--	01 HP	--	415 V
69	Lakhminia	35 KW	--	02 HP	--	415 V
70	Sanha halt	--	--	--	--	-
71	Sahibpur Kamal	25 KW	--	02 HP	--	415 V
72	SABDALPUR	15 KW		02 HP		415 V
73	Umesh Nagar	10 KW	--	--	--	415V

74	Khagaria	170 KVA	(160+125+41.25+10) KVA	25x2(GPH)	--	11 KV
75	Mansi	120 KVA	(125+60+10) KVA	25 HP	--	11 KV
76	Chaidha Banni Halt	1 KW	--	--	--	220 V
77	Mahesh Khunt	15 KW	--	01 HP	--	415 V
78	Gauchhari	25KW	--	01 HP	--	415 V
79	Pasraha	15KW	--	01 HP	--	415 V
80	Bharat Khand	1 KW	--	--	--	220 V
81	Narayanpur	27 KW	--	01 HP	--	415 V
82	Thanabihpur	140 KVA	(125x1+30x1+10x1) KVA	02 HP, 12.5 HP	--	33/11 KV
83	Bagari Gram Halt	--	--	--	--	--
84	Kharik	25 KW	--	02 HP	--	415 V
85	Nawgachia	100KVA	(125+30+10) KVA	025 HP, 17.5 HP	--	33/11 KV
86	Bankipur Halt	--	--	--	--	--
87	Katareah	25+7 KW	--	01 HP	--	415 V
88	Koshi cabin	5 KW	--	02 HP	--	415 V
89	Kursela	(9+13) KW	--	12.5 HP	--	415 V
90	Sameli halt					
91	Bakhari	25KW	--	01 HP	--	415 V
92	Karha Gola Road	(10+9) KW	--	02 HP	--	415 V
93	Semapur	(11+25+5) KW	--	02 HP	--	415 V

3. Important Assets:

Sl. No	Important Item	Installed Capacity		QUANTITY
1.	D.G. Set	500	KVA	03 Nos.
		320/312.15	KVA	05 Nos.
		250	KVA	07 Nos.
		160	KVA	05 Nos.
		125	KVA	05 Nos.
		81.25	KVA	01 No.
		63/60/62.5	KVA	02 Nos.
		21.5/30/21.25	KVA	06Nos.
		7.5/10/12.5/15	KVA	01 Nos.
2.	Water Pump			
		25	HP	29 Nos.
		20	HP	02 Nos.
		17.5	HP	01 Nos.
		15	HP	01 No.
		12.5	HP	05 Nos.
		7.5	HP	02 Nos.
		05	HP	01 Nos.
		02	HP	30 Nos.
		01	HP	12 Nos.
3.	Sub Stations	11/0.433	KV	07 Nos.
		33/11	KV	02 Nos. (HJP & BJU)

4. PUMPING INSTALLATIONS (working):

Sl. No.	Station	Yield	Installed at	No. of Pumps	Running Hours/day
1.	HJP	20000 GPH	Konhara colony/HJP	1	10 hrs.
		20000 GPH	Konhara colony/HJP	1	5 hrs.
		20000 GPH	HJP stn. colony	1	8 hrs.
		20000 GPH	HJP stn. colony	1	8 hrs.
		20000 GPH	HJP stn. colony	1	8 hrs.
		20000 GPH	Ramasheesh chowk colony	1	8 hrs.
		10000 GPH	Ramasheesh chowk colony	1	8 hrs.
		10000 GPH	GM office(old & new)/HJP	1	8 hrs.
		10000 GPH	GM office(old & new)/HJP	1	8 hrs.
2.	SEE	20000 GPH	1.Microwave water pump,	1	9 hrs./day
			2.New microwave water pump,	1	12 hrs./day
			3.Stadium water pump,	1	11 hrs./day
			4.Barbatta water pump,	1	10 hrs./day
			5.DEMU /Shed water pump,	1	08 hrs./day
			6.Gola road water pump near T/8	1	03 hrs./day
			7.BMP gola road water pump	1	Not running.
		20000 GPH	Pump for swimming pool	1	As per requirement of water in swimming pool
3.	SPP	4000 GPH	SPP P. house	1	09 hrs./day
4.	DGA	1200 GPH	DGA P. house	1	
5.	NYO	800 GPH	NYO P. house	1	
6.	BJU	20000 GPH	Running room ,	1	14 hrs.
			South colony/power house	1	16 hrs.
			Mela ground ,	1	16 hrs.
			33 kV Pump Houses at BJU	1	14 hrs.
7.	BGS	20000 GPH	BGS P. house	1	4 hrs.
		20000 GPH	BGS NEWLY CONSTRUCTED PUMP HOUSE	1(ADDIT IONAL)	
8.	DSS	6000 GPH	DSS P. house	1	6 hrs.
9.	UJP	1600 GPH	At station	1	
10.	NJZ	1600 GPH	At station	1	
11.	STJT	1600 GPH	At station	1	
12.	TGA	1600 GPH	At station	1	
13.	LAK	800 GPH	At station	1	2 hrs.
14.	LKN	800 GPH	At station	1	2 hrs.
15.	SKJ	800 GPH	At station	1	2 hrs.
16.	CRR	1600 GPH	At station	1	2 hrs.
17.	MSK	800 GPH	At station	1	2 hrs.
18.	NNR	800 GPH	At station	1	2 hrs.
19.	SMO	1600 GPH	At station	1	2 hrs.
20	KGG	20000 GPH	Near RPF barrack/KGG	2	07 hr 35 min. & 1 Spare
21	PSR	800 GPH	STATION	1	
22	DPL	800 GPH	STATION	1	

23	GAI	800 GPH	STATION	1	
24	MNE	20000 GPH	New pump house/MNE	1	09 hr 10 min
25	THB	10000 GPH	THB stn.	1	12 hrs.
26	THB	20000 GPH, 25 HP	NEW PUMP HOUSE THB	1	
27	KHQ	1600 GPH	KHQ STN	1	
28	NNA	14000 GPH	NNA stn.	1	10 hrs.
		20000 GPH	TRD COLONY	1	5 hr.
29	KUE	10000 GPH	KUE stn.	1	8 hrs.
30	KTRH	800 GPH	STATION BUILDING	1	
31	KBH	1600 GPH	STATION BUILDING	1	
32	BKHR	800 GPH	STATION BUILDING	1	
39	RD	6000 GPH	At RD Stn. colony	1	4 hrs
		1600 GPH	STATION	1	
40	GRL	1600 GPH	At GRL Stn.	1	4 hrs
41	SAI	1600 GPH	At SAI Stn.	1	4 hrs
42	BNR	1600 GPH	BNR Station	1	4 hrs
43	KHI	1600 GPH	KHI Station	1	4 hrs
44	TUR	1600 GPH	TUR Station	1	4 hrs
45	GWH	1600 GPH	GWH Station	1	4 hrs
48	GHZ	16000 GPH	K.V. pump house	1	10 hrs.
		16000 GPH	HHP SHED	1	03 hrs.
		12000 GPH	Eastern Rly. Colony/SHANKAR PUMP	1	10 hrs.
		20000 GPH	Durga sthan P. house	1	10 hrs.
		20000 GPH	New RCC PUMP HOUSE	1	10 hrs.
		800 GPH	HHP SHED	2	
		800 GPH	Gen. Store Dipo	1	
		1600 GPH	HHP Shed colony	1	
		800 GPH	Bunglow colony	1	

4. Transformers installed (working/standby) :

Place/ Station	VOLTAGE	Transformer Installed	
		Total	Capacity(kVA)
SEE Power House SS	11/0.4 KV	02	500
		01	250
Microwave sub station		02	250
SEE Barbatta SS		01	500
SEE Mela ground SS		01	100
Stadium sub station		01	250
Demu shed sub station		01	500
Hospital sub station		01	250
Pahleza sub station		01	100
33/11 KV Sub-station/HJP	33/11 KV	02	3000
		01	3150
	11/0.4 KV	02	250
HJP Power House	11/0.4 KV	02	250
		01	500
NEW POWER HOUSE HJP		08	500
STATION POWER HOUSE HJP		01	500
Konahara ghat POWER HOUSE/HJP		02	500
RD	11/0.4 KV	01	100
TUR		01	63
KHI		01	63
GRL		02	63
BNR		02	63
SAI		02	63
GWH		1	63
Dalsing Sarai	11/0.4 KV	02(including one spare)	100
Begusarai		01	100
Bachwara		1	200
33/11 KV Sub. Station/BJU	33/11 KV	2	2000
BJU Power House		03	500
		03	250

Rajbara SS No. 2 /BJU	11/0.4 KV	02	250
Rajbara SS No 3 /BJU		01	500
W. Pit Sub. Station /BJU	11/0.75 KV	02	500
	11/0.4 KV	02	500
Power house No.1GHZ	11/0.4 KV	1	500
		1	250
		1	100
P. house no 2 (Eastern Rly. Part)under GHZ	11/0.4 KV	2	250
GENERAL STORE DEPOT GHZ	11/0.4 KV	1	250
SUB STATION NO 2	11/0.4 KV	1	500
		01	250
HHP SHED	11/0.4 KV	3	500
NEAR C&W DEPOT	11/0.4 KV	1	250
Khagaria	11/0.4 KV	2(including one spare transformer)	250
Mansi (store)	11/0.4 KV	1(Spare)	100
MNE (station)		01	250
LAK	11/0.4 KV	01	63
DPL		01	63
LKN		02	63
SKJ		01	63
UMNR		01	63
SBDP		01	63
MSK		02	63
GAI		01	63
PSR		01	63
NNR		01	63
BHARATKHAND	SINGLE PHASE	01	10
Thanabihpur	11/0.4 KV	01	250
Naugachia		01	63
		01	100
		1	63
KHQ		1	63
KTRH		1	63
KUE		1	63
BKHR		1	63
CRR		1	63
SMO		1	63

Total: 97

5. UPS/Inverter for PRS/UTS/others :

Sl.no.	DEPOT	Station/Location	Capacity Of UPS
1.	SEE	Sonpur PRS	1x 5 kVA
2.		Sonpur ConferenceRoom	1x 5 kVA
3.		Sr.DEE(G)/Office	1x 3 kVA
4.		SEE Central	1x 2 kVA
5.		Parmanandpur	1x 2 kVA
6.		Nayagaon	1x 2 kVA
7.		Sitalpur	1x 2 kVA
8.		Dighwara	1x 2 kVA
9.		Awatarnagar	---
10.		Badagopal	1x 2 kVA
11.		Dumri juara halt	-----
12.		Goldinganj	1x 2 kVA
13.		Chakmakrand	1x 2 kVA
14.		Akshaywat Rai Nagar	1x2KVA
15.		Dhabauli halt	
16.		Chaksikander	1x2 KVA
17.		Gram kharika	
18.		Desari	0.5 KVA x2
19.		Sahdai Buzurg	1x 2 kVA
20.		Mahnar Road	1x 2 kVA
21.	SEE	Basudeopur chandel flag halt	

22	SEE	Shahpur Patoree	2 KVA x1
23.	HJP	EQ CELL	5KVA X1
24		AGM CHAMBER	5 KVA X1
25		CESE CHAMBER	3KVA X1
26		PCEE CHAMBER	5KVA X1
27		CONFERENCE HALL	5KVA X1
28		GM CHAMBER	5KVA X1
29		SERVER ROOM VIGILANCE	5KVA X1
30.		PREKSHA GRIH NEW GM BUILDING	5 KVA X1
31.		HJP Station (PRS +UTS)	5 KVA x2
32.		HJP STN PRS (2 ND ENTRY GATE	3 KVA X1
33.		HUFP	2 KVAX1
34.		VSHI	2 KVAX1
35.		LALGANJ PAKRI	2 KVAX1
36.		Paroo khash	-----
37.		deoria	2 KVAX1
38.		sahebganj	----
39	MFP	Ghoswar	1x 0.45 KVA
40		Sarai	1x2KVA

41		Bithauli halt	----
42		Bhagwanpur	1x2KVA
43		Goroul	1x2KVA
44		Kurhani	1x2KVA
45		Turki	1X 0.45 KVA
46		Ramdayalu Nagar	1X 0.45 KVA
47	BJU	Bishnupur bathuahalt	-----
48		Barauni(PRS+UTS)	1x 5 kVA
49		Barauni OB Booking	2 KVAX1
50		Barauni Flag	1x2KVA
51		New Barauni	1x0.5KVA
52		Teghra (UTS+PRS)	1x2KVA
53		Bachhwara (PRS+UTS)	1x2KVA
54		BCA O B Booking	1x2 KVA
55		Sathajagat	1x2KVA
56		DSS(UTS+PRS)	1x2 KVA
57		Najirganj (UTS)	1x2KVA
58		Ujiarpur(PRS+UTS)	1x2KVA
59		Vidyapatnagar (UTS +PRS)	1x2KVA
60		Harpur bochaha halt	
61		MOG (UTS+PRS)	1x2KVA
62		Rajajan halt	
63		Nandani Lagunia (UTS)	1X0.5 KVA
64		Tilrath (UTS)	1x2KVA
65		Begusarai(PRS+UTS)	2 kVAX2
66	GHZ	DKGS	1x2KVA
67		CHAKIA THARMAL HALT	

68	MNE	Mansi	1x2 KVA & 3KVAx1
69		Khagaria	2 KVA x3
70		KGG OB	2 KVA X1
71		UMNR	1 x 2 KVA
72		Sahebpurkamal	1x2 KVA
73		Lakhminia	2x2KVA
74		Danauli Fulwaria	1 x 2 KVA
75		LAK	1 x 2 KVA
76		Chedha banni halt	
77.		Maheshkhoont	1x2KVA
78.		Gouchari	1x2KVA
79.		Pasraha	1x2KVA
80.		Bharat khand	
81.		Narayanpur	1x2KVA
82.		SBDP	
83.	THB	Thanabihpur	1x2 kVA
84		Khariq	
85		Naugachia	1x 3 kVA, 1x2VA, 1x1KVA
86		Katareah	1x1KVA
87		KOSHI CABIN	
88		BAKHARI	
89		CRR	1x1KVA
90		KIBH	-
91		Kursela	1x2KVA
92		SMO	1x2KVA
93		SMO WEIGHBRIDGE	1x2KVA

6. Air conditioner & water cooler:-

Depot/ station	Air Conditioner	Water Cooler
SEE	257	11
HJP/STN	31	05
HJP/GM Bldg.	692	09
RD	02	
TUR	02	
KHI	01	
GRL	02	
BNR	02	
SAI	02	
GWH	02	
BJU	117	11
BJU BYPASS	01	
TIL	02	
BGS	05	01
VPDA	02	
MOG	02	
BCA	08	
NNNL	04	
UJP	01	
NAZJ	01	
DSS	01	01
STJT	01	

TGA	01	
GHZ	38	08
LAK	01	
DPL	02	
LKN	02	01
SKJ	02	
SBDP	01	
MNE	22	03
GAI	02	
PSR	02	
NNR	02	
MSK	02	
UMNR	01	
KGG	08	02
THB	05	
KHQ	03	
NNA	08	02
KTRH	03	
KUE	02	
BKHR	02	
CRR	02	
SMO	03	
KIBH	02	
HUFP	01	
NBJU	01	
SPP		01