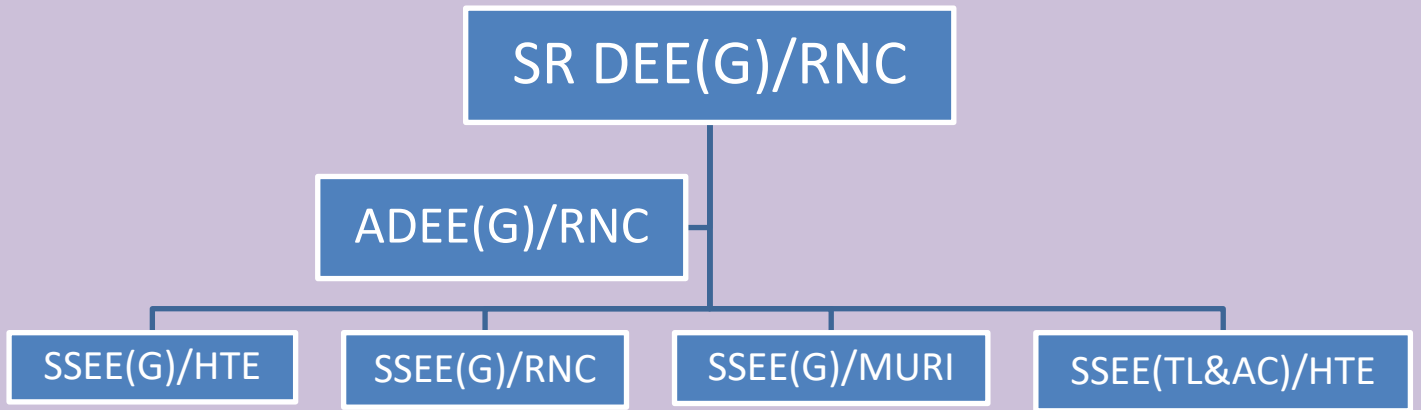


## ORGANIZATIONAL CHART



## HIGH MAST

SL. No.	Station Yard name /Location	Location of the High Mast	In Use /Not in use	Date of Inspection	Corrective Action Identified
1.	Hatia	Station circulating area	In use	01/05/20	1. Pedestal rods found rusted, required painting.
2.	Hatia	Near east central cabin	In use	01/05/20	1. Ordinary nuts used in mast foundation.
3.	Hatia	Near(water harvesting plant)	In use	01/05/20	High mast checked found OK.
4.	Hatia	RNC end washing line no. -7&8	In use	01/05/20	High mast checked found OK.
5.	Hatia	In Goods shed	In use	01/05/20	High mast checked found OK.
6.	Ranchi	Circulating area near Flag	In use	01/05/20	High mast checked found OK.
7.	Ranchi	Circulating area ,in front of MCO	In use	01/05/20	High mast checked found OK.
8.	Ranchi	NKM End ard	In use	01/05/20	High mast checked found OK.
9.	Ranchi	HTE End yard	In use	01/05/20	High mast checked found OK.
10.	NKM	NKM Yard near parcel office	In use	02.05.20	1.Bushes found surrounding area of pedestal 2. Pedestal is fully covered by soil.
11.	NKM	NKM Yard near parcel office	In use	02.05.20	1. High mast light base is fixed by concrete. 2. Bushes found surrounding area of Pedestal. 3. Accumulate of soil near circumference of high light mast base.
12.	NKM	NKM Yard	In use	02.05.20	1. Accumulate of Rain water near pedestal.
13.	NKM	NKM Yard near ROB	In use	02.05.20	1. Base of mast is at the level of ground, Little possibility of water logging.
14.	TIS	TIS Yard Muri end	In use	02.05.20	1. Bushes found surrounding area of Pedestal.
15.	TIS	TIS DN Stn. (circulating area)	In use	02.05.20	Checked found OK.
16.	TIS	TIS Up Stn. (circulating area)	In use	02.05.20	1. Accumulate of Rain water around pedestal. 2. Bushes found surrounding area of Pedestal.
17.	TIS	TIS Yard RNC end (west Yard)	In use	02.05.20	1. Accumulate of Rain water around pedestal. 2. Bushes found surrounding area of Pedestal.
18.	Lohar -daga	Circulating area, near Flag.	In use	05.05.20	High Mast found OK,
19.	Lohar -daga	Yard near line no. 04	In use	05.05.20	1. Some Reinforcement is exposed in pedestal which is corroded, 2. Rusting process is going on in nuts.
20.	Muri	Railway hospital	In use	04/05/20	High Mast found OK,
21.	Muri	Near E.I. building.	In use	04/05/20	High mast checked found OK.
22.	Muri	Station main gate	In use	04/05/20	High mast checked found OK.
23.	Muri	Ranchi End of P.F 2&3	In use	04/05/20	High mast checked found OK.
24.	RMT	Circulating area	In use	04/05/20	High mast checked found OK.

## TOWERS

SL. No.	Station Yard name/Location	Location of the Tower	In Use /Not in use	Date of Inspection	Corrective Action Identified
1.	Hatia	Near SS-1	In use	01/05/20	1) Painting Required. 2) Required pedestal raise upto 8" 3) Wooden plank fully damage replacement required.
2.	Hatia	Near W/L no.6	In use	01/05/20	1) painting Required 2)Required pedestal raise upto 8" 3) Wooden plank fully damage, replacement required. 4) Bottom members of tower light is partially corroded.
3.	Hatia	Near GSD	Not in use	01/05/20	<b>Tower is not in use. Hence dismantling required.</b>
4.	Hatia	Near RNC end PF-2	In use	01/05/20	1) Painting required. 2)Required pedestal raise upto 8" 3) Wooden plank fully damage replacement required. 4) Bottom members of tower light is partially corroded. 5)Found of garbage ,veg ,accumulated of rain water, deposited of soil etc.
5.	Hatia	Near W/L no-8	In use	01/05/20	1) Painting required.. 2) Required pedestal raise upto 8" 3) Wooden plank fully damage replacement Required. 4) Bottom members of tower light is partially corroded. 5) Found of garbage ,veg, accumulated of rain water, deposited of soil etc.
6.	Hatia	Near TRS shed	In use	01/05/20	1) Painting Required. 2)Required pedestal raise upto 8" 3) Wooden plank damage, Replacement Required. 4) Bottom members of tower light is partially corroded. 5) Found of garbage ,veg, accumulated of rain water, deposited of soil etc.
7.	Muri	Near MK-1 in yard	Not in use	04/05/20	1) Bottom members is corroded. 2)bottom diagonal bracing disconnected due to rust, 3) Painting Required , wooden plank not found. <b>Tower is not in use. Hence dismantling required.</b>
8.	Muri	Near IOW office	Not in use	04/05/20	<b>Tower is not in use. Hence dismantling required.</b>
9.	Muri	At PF no.2&3 Near Amul stall	Not in use	04/05/20	<b>Tower is not in use. Hence dismantling required.</b>
10.	Muri	Near south cabin RNC end	Not in use	04/05/20	<b>Tower is not in use. Hence dismantling required.</b>

## Status of Pumps over Ranchi Division

Sl. No	Location	Type of Pumps	Pump Rating (HP)	(KW) Connected	Average pumping Hours. (per day)	Capacity (GPH)	Over/Head Tank Capacity (in Gallon)	Time required to fill tank. (Minutes)
1	RNC/Domestic Pump House	HSCF	20HP	15	03	12144	193000	16
2	RNC/ Domestic Pump House	HSCF	20 HP	15	04	12144	193000	16
3	RNC, Domestic Pump House	HSCF	20HP	15	04	12144	140000	11
4	RNC, Domestic Pump House	HSCF	20HP	15	05	12144	140000	11
5	RNC, Domestic Pump House	Submersible	20 HP	15	13	8500	75000	9
6	RNC, Domestic Pump House	Submersible	05 HP	4	02	2247	75000	33
7	Holiday home	Open well sub.	05HP	4	4.30	2376	25000	10
8	Railway institute	Submersible	7.5 HP	5.5	04	7600	39600	5
9	RNC, LAD booking	Submersible	05 HP	4	07	2247	8000	4
10	South Colony, new pump house	Open well	12.5 HP	9	07	20000	100000	5
11	Qtrs. South Colony DS/32	Submersible	05 HP	4	04	1844	5000	3
12	Qtrs. South Colony DS-128/RE	Submersible	05 HP	4	04	1844	5000	3
13	TIS PWI office	Submersible	05 HP	4	03	1844	1000	1
14	Hatia – Domestic Pump House	HSCF	75 HP	56	2	25000	200000	8
15	Hatia - Domestic Pump House	Open well mono block submersible	15 HP	11	6	1800	200000	111
16	Hatia - Domestic Pump House	Open well submersible	5 HP	4	7	2250	100000	44
17	Hatia - Domestic Pump House	Open well submersible	5 HP	4	7	2250	100000	44
18	Hatia – Loco pump house	HSCF	75 HP	56	4	20000	100000	5
19	Hatia - Loco pump house	HSCF	75 HP	56	4	20000	100000	5
20	Hatia - Loco pump house	HSCF	75 HP	56	4	20000	100000	5
21	Hatia - Loco pump house	HSCF	40 HP	30	6.5	18000	100000	5.5
22	Hatia - Loco pump house	HSCF	40HP	30	6.5	18000	100000	5.5
23	Hatia - Loco pump house	HSCF	40 HP	30	6.5	18000	100000	5.5
24	Hatia – Recycling Plant	Open well submersible	12.5 HP	9	6	16000	100000	6
25	Hatia filter pump house	HSCF	15 HP	11	4	20000	Filter Feed	-
26	Hatia filter pump house	HSCF	15 HP	11	4	20000	Filter Feed	-
27	Hatia filter pump house	HSCF	15 HP	11	4	20000	Filter Feed	-
28	Hatia filter pump	HSCF	20 HP	15	6.5	18000	100000	5.5

	house							
29	Hatia filter pump house	HSCF	20 HP	15	6.5	18000	100000	5.5
30	Hatia filter pump house	HSCF	20 HP	15	6.5	18000	100000	5.5
31	DRM Office	Submersible	5 HP	4	5	2250	20000	9
32	Bano Pump House	HSCF	50HP	37	2	19000	100000	5
33	Bano Filter House	HSCF	50 HP	37	2	19000	100000	5
34	Bano Filter House	HSCF	50 HP	37	2	19000	100000	5
35	Muri River Pump House-1	HSCF	50 HP	37	5	19000	Well provided	-
36	Muri River Pump House -2	HSCF	50 HP	37	5	19000	Well provided	-
37	Muri River Pump House -3	HSCF	50 HP	37	5	19000	Well provided	-
38	Muri River Pump House -4	HSCF	50 HP	37	4	19000	Well provided	-
39	Muri Filter Pump House-1	HSCF	50 HP	37	6	19000	50,000	180
40	Muri Filter Pump House -3	HSCF	50 HP	37	7	19000	20000	70





## STATUS OF ELECTRIFICATION OF MANNED LEVEL CROSSING GATE

SN	Block Section	KM No.	Name of the gate	Electrified/ Non-Electrified	Electrified by	Type of Light	Remarks		Status of Local supply applied	
							Present status	Local Power supply available	Applied for SEB supply	Present status
1	MURI-THO	354/6-7	MK-1	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
2	MURI-BLNG	354/2-3	MB-1	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
3	MURI-THO	357/7-9	MK-3	Electrified	WBSEB	LED	Electrified by WBSEB	-	-	-
4	MURI-THO	357/29-31	MK-4	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
5	THO-JAA	358/37-39	MK-5	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
6	THO-JAA	360/23-25	MK-7	Electrified	WBSEB	LED	Electrified by WBSEB	-	-	-
7	THO-JAA	363/27-29	MK-10	Electrified	AT	LED	Electrified by AT	At distance of 0.5KM	-	-
8	THO-JAA	365/13-15	MK-11	Electrified	WBSEB & AT	LED	Electrified by JSEB & AT	-	-	-
9	JAA-KSX	366/15-17	MK-12	Electrified	WBSEB & AT	LED	Electrified by JSEB & AT	-	-	-
10	JAA-KSX	368/3-5	MK-14	Electrified	WBSEB	LED	Electrified by WBSEB	-	-	-
11	JAA-KSX	369/3-5	MK-15	Electrified	WBSEB	LED	Electrified by WBSEB	-	-	-
12	JAA-KSX	369/17-19	MK-16	Electrified	AT	LED	Electrified by AT	At distance of 0.5KM	-	-
13	JAA-KSX	371/27-29	MK-18	Electrified	AT	LED	Electrified by AT	At distance of 0.5KM	-	-
14	JAA-KSX	376/17-19	MK-22	Electrified	WBSEB	LED	Electrified by WBSEB	-	-	-
15	MURI-SLF	355/13-15	MH-1	Electrified	JSEB & Solar	LED	Electrified by JSEB & Solar	-	-	-
16	MURI-SLF	356/19-21	MH-2	Electrified	Solar JSEB	LED	Electrified by solar & JSEB	-	-	-
17	MURI-SLF	357/31-33	MH-3	Electrified	JSEB & Solar	LED	Electrified by JSEB & solar	-	-	-
18	MURI-SLF	358/31-33	MH-4	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
19	SLF-KITA	360/25-27	MH-5	Electrified	Solar JSEB	LED	Electrified by JSEB & solar	-	-	-
20	SLF-KITA	363/29-31	MH-6	Electrified	JSEB & Solar	LED	Electrified by JSEB & solar	-	-	-
21	BLNG-SND	365/11-12	MB-9	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
22	SND-HRBR	369/7-8	MB-12	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
23	SND-HRBR	370/15-16	MB-13	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
24	HRBR-GRE	375/15-16	MB-16	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
25	HRBR-GRE	378/19-20	MB-18	Electrified	Solar	LED	Electrified by Solar	-	-	-
26	HRBR-GRE	381/18-19	MB-20	Electrified	Solar	LED	Electrified by Solar	-	-	-
27	HRBR-GRE	383/16-17	MB-21	Electrified	JSEB+AT	LED	Electrified by JSEB & AT	-	-	-
28	GRE-BRKP	385/4-5	MB-22	Electrified	Solar	LED	Electrified by Solar			
29	GRE-BRKP	390/15-16	MB-26	Electrified	JSEB & Solar	LED	Electrified by JSEB & solar	-	-	-

30	BRKP-MAEL	393/10-11	MB-29	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
31	MAEL-RMT	395/8-9	MB-30	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
32	MAEL-RMT	396/13-14	MB-31	Electrified	Solar	LED	Electrified by solar			
33	MAEL-RMT	398/12-399/01	MB-32	Electrified.	JSEB & Solar	LED	Electrified by JSEB & solar	-	-	-
34	MAEL-RMT	402/2-3	MB-34	Electrified	Solar	LED	Electrified by solar	-	-	-
35	MAEL-RMT	403/8-9	MB-35	Electrified	Solar	LED	Electrified by solar	-	-	-
36	CNI-GDBR	287/7-8	CM-1	Electrified	AT	LED	Electrified by AT	-	-	-
37	GDBR-JHMR	294/11-12	CM-4	Electrified	Solar	LED	Electrified by Solar	-	-	-
38	GDBR-JHMR	299/11-12	CM-8	Electrified	JSEB & Solar	LED	Electrified by JSEB & Solar	-	-	-
39	GDBR-JHMR	303/4-5	CM-12	Electrified	AT	LED	Electrified by AT	At distance of 3KM above	-	Cabin operated LC gates
40	JHMR-LTMD	309/4-5	CM-17	Electrified	Solar	LED	Electrified by Solar	At distance of 3KM above		
41	JHMR-LTMD	313/16-17	CM-22	Electrified	AT	LED	Electrified by AT	At distance of 3KM above	-	
42	LTMD-TUL	316/11-12	CM-24	Electrified	Solar	LED	Electrified by solar	At distance of 2km.		
43	LTMD-TUL	321/15-16	CM-29	Electrified	AT	LED	Electrified by AT	At distance of 3KM above	-	
44	TUL-SSIA	323/5-6	CM-30	Electrified	AT	LED	Electfd by AT	-	-	
45	TUL-SSIA	329/4-5	CM-36	Electrified	Solar	LED	Electrified by solar	At distance of 200mtrs.	-	-
46	SSIA-TRAN	330/16-17	CM-37	Electrified	WBSEB & AT	LED	Electrified by WBSEB & AT	-	-	-
47	SSIA-TRAN	334/1-2	CM-40	Electrified	Solar	LED	Electrified by solar	-	-	-
48	SSIA-TRAN	340/2-3	CM-44	Electrified	Solar	LED	Electrified by solar/WBSEB	-	-	-
49	TRAN-ILU	341/13-14	CM-45	Electrified	AT	LED	Electrified by AT	-	-	-
50	TRAN-ILU	343/5-6	CM-47	Electrified	WBSEB	LED	Electrified by WBSEB	-	-	-
51	TRAN-ILU	345/15-16	CM-51	Electrified	AT	LED	Electrified by AT	At distance 10KM	-	Cabin operated
52	ILU-MURI	351/2-3	CM-55	Electrified	Solar	LED	Elect. by Solar	-	-	-
53	GATD-GAG	384/23-25	MH-11	Electrified	JSEB Solar	LED	Electrified by JSEB & solar	-	-	-
54	GAG-TIS	398/23-25	MH-16	Electrified	AT & Solar	LED	Electrified by AT & Solar	-	-	-
55	TIS-GAG	406/5-7	MH-19	Electrified	Solar	LED	Electrified by solar	-	-	-
56	GAG-TIS	407/15-17	MH-20	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
57	TIS-NKM	408/4-6	MH-21	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
58	TIS-NKM	410/21-23	MH-22	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
59	TIS-NKM	411/23-25	MH-23	Electrified	AT	LED	Electrified by AT	At distance of 150M	-	-
60	TIS-NKM	412/17-19	MH-24	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
61	NKM-RNC	416/21-23	MH-27	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
62	NKM-RNC	417/33-35	MH-29	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-

63	RNC-PIS	420/7-8	RL-1	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
64	RNC-PIS	424/9-425/0	RL-4	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
65	PIS-RNC	427/2-3	RL-5	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
66	RNC-PIS	427/9-428/0	RL-6	Electrified	JSEB & Solar	LED	Electrified by JSEB & solar	-	-	-
67	RNC-PIS	431/0-1	RL-8	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
68	PIS-ITKY	432/7-8	RL-9	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
69	PIS-ITKY	437/0-1	RL-11	Electrified	Solar	LED	Electrified by solar			
70	PIS-TGB	440/7-8	RL-13	Electrified	JSEB	LED	Proposed for solar	-	-	-
71	PIS-TGB	442/6-7	RL-14	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
72	PIS-TGB	447/2-3	RL-19	Electrified.	JSEB	LED	Electrified by JSEB	-	-	-
73	TGB-NJA	457/1-2	RL-27	Electrified	Solar	LED	Electrified by solar	At dist. of 0.5KM	-	-
74	NJA-LAD	466/9-467/0	RL-32	Electrified	Solar	LED	Electrified by solar	-	-	-
75	NJA-LAD	474/1-2	RL-36	Electrified	Solar	LED	Electrified by solar	-	-	-
76	LAD-BICI	487/9-488/0	RL-44	Electrified	JSEB	LED	Electrified by JSEB			
77	RNC-HTE	420/29-31	MH-32	Electrified	JSEB & Solar	LED	Electrified by JSEB & solar	-	-	-
78	RNC-HTE	421/33-35	MH-33	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
79	HTE-BLRG	427/7-8	HB-1	Electrified	AT	LED	Electrified by AT supply	-	-	-
80	BLRG-LOM	432/2-3	HB-2	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
81	LOM-KRRA	441/19-442/1	HB-8	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
82	KRRA-GBX	455/4-5	HB-17	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
83	GBX-BKPR	467/6-7	HB-24	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
84	BRKP-PKF	480/2-3	HB-34	Electrified	AT	LED	Electrified by AT	At distance of 7KM	-	-
85	PKF-PKC	487/14-15	HB-36	Electrified	JSEB & AT	LED	Electrified by JSEB & AT	-	-	-
86	KRKR-MCZ	504/7-8	HB-43	Electrified.	Solar	LED	Electrified by solar	At dist. of 70m	-	-
87	KRKR-MCZ	510/4-5	HB-44	Electrified	AT	LED	Electrified by AT	At distance of 7KM	-	-
88	BANO-KNRN	519/3-4	HB-45	Electrified	JSEB	LED	Electrified by JSEB	-	-	-
89	BANO-KNRN	521/11-12	HB-46	Electrified	JSEB & Solar	LED	Electrified by JSEB & solar (old)	At distance of 7KM	-	-
90	ORGA-NXN	554/13-14	HB-50	Electrified	AT	LED	Electrified by AT	-	-	-

**SUMMARY:**

TOTAL NOS. OF MANNED LEVEL CROSSING GATE – 90 NOS.

ELECTRIFIED THROUGH AT - 15NOS.

ELECTRIFIED THROUGH AT & SEB - 18NOS.

ELECTRIFIED THROUGH SEB - 25NOS.

ELECTRIFIED THROUGH SOLAR - 10 NOS.

ELECTRIFIED THROUGH SOLAR & SEB - 21 NOS.



## SUB-STATIONS

SI No.	Station	Location	Type of Sub station Outdoor/Indoor	Manned /Unmanned	Voltage ratio	Capacity of transformer	
01	HATIA	Hatia	SS No.1	Out door	Manned	33/11KV	2MVA x2
02			SS No.1	Out door	Manned	11/0.415KV	500KVAx2
03			SS No.2	Out door	Un manned	11/0.415KV	250KVAx3
04			SS No.3	Out door	Un manned	11/0.415KV	250KVAx5
05			SS No.4	In door	Un manned	11/0.415KV	100KVAx1
06			SS No.5	Out door	Un manned	11/0.415KV	250KVAx3
07			SS No.6	Out door	Un manned	11/0.415KV	100KVAx1 250KVAx1
08			SS No.7	Out door	Un manned	11/0.415KV	63KVAx1
09			SS No.8	Out door	Un manned	11/0.415KV	150KVAx1
10			LPH SS	Out door	Manned	11/0.415KV	250KVAx1
11			HOSPITAL	Out door	Un manned	11/0.415KV	250KVAx1
12			C/WASHING PLANT	Out door	Un manned	11/0.415KV	63KVAx1
13			STADIUM	Out door	Un manned	11/0.415KV	250KVAx1
14		LO M	SS	Out door	Un manned	11/0.415KV	160KVAx1
15		Karr a	SS	Out door	Un manned	11/0.415KV	150KVAx1
16		Ban o	SS	Out door	Un manned	11/0.415KV	100KVAx1 63KVAx1
			Pump house	Out door	Un manned	11/0.415KV	250KVAx1
17		GB X	SS	Out door	Un manned	11/0.415KV	160KVAx1
18		KN RN	SS	Out door	Un manned	11/0.415KV	100KVAx1
19		BLR G	SS	Out door	Un manned	11/0.415KV	63KVAx1
20		PK C	SS	Out door	Un manned	11/0.415 KV	63KVAx1
21		OR	SS	Out door	Un manned	11/0.415KV	63KVAx1
22		G	P/House	Out door	Un manned	11/0.415KV	63KVAx1
23		KR KR	SS	Out door	Un manned	11/0.415KV	63KVAx1
24		PB B	SS	Out door	Un manned	11/0.415KV	63KVAx1
25		M CZ	SS	Out door	Un manned	11/0.415KV	63KVAx1
26	BKP R	SS	Out door	Un manned	11/0.415KV	63KVAx1	
27	RANCHI	Ranchi	SS No.1	Out door	Manned.	11/0.415KV	250KVAx1
28			SS No.2	In door	Un manned.	11/0.415KV	250KVAx1
29			SS No.3	Out door	Manned.	11/0.415KV	500KVAx1 250KVAx1
30			SS No.4	Out door	Un manned	11/0.415KV	250KVAx2
31			SS No.5	Out door	Un manned	11/0.415KV	160KVAx1
32			SS No.6	Out door	Un manned	11/0.415KV	63KVAx1
33		LA D	SS	Out door	Un manned	11/0.415KV	160KVAx1
34		TI S	SS	Out door	Un manned	11/0.415KV	160KVAx1
35		NK M	SS	Out door	Un manned	11/0.415KV	100KVAx1
36		GAT D	SS	Out door	Un manned	11/0.415KV	25KVAx1
37		JO N	SS	Out door	Un manned	11/0.415KV	25KVAx1
38		NJ A	SS	Out door	Un manned	11/0.415KV	25KVAx1

39		BI CI	SS	Out door	Un manned	11/0.415KV	63KVAx1
39	MURI	Muri	SS No.1	Out door	Manned.	11/0.415KV	250KVA x 2
40			SS No.2	Out door	Un manned.	11/0.415KV	250&160KVA
41			SS No.3	Out door	Un manned.	11/0.415KV	250KVA x 1
42		GR E	SS	Out door	Un manned	11/0.415KV	63KVA x 1
43		JH MR	SS	Out door	Un manned	11/0.415KV	63KVA x 1
44		MA EL	SS	Out door	Un manned	11/0.415KV	63KVAx1
45		GDB R	SS	Out door	Un manned	11/0.415KV	63KVAx1
46		LTM D	SS	Out door	Un manned	11/0.415KV	25KVAx1
47			TUL	SS	Out door	Un manned	11/0.415KV

### TRANSFORMERS UNDER RANCHI DIVISION

SN	Settlement	Transformer			Date/Year of commissioning	Used at Sub-station No.	Location	Feeding Area
		Capacity ( KVA)	Make	Sl.No.				
1	HATIA	2000	Automatic Electro Gear Pvt. Ltd.	1147/03-04	26/07/2004	01	Near SSE Elect.(G) Office	33KV/11KV for Hatia Settlement
2		2000	Century	265/11-12	31.01.2012	01	-do-	-do-
3		500	United Transformer and Electrical	A0875	24/03/2004	01	Near SSE Elect.(G) Office	Type-I colony
4		500	United Transformer and Electrical	A0877	24/03/2004	01	Near SSE Elect.(G) Office	DRM Building
5		250	Electrical Transformer Equipt. Company	1698	13/10/1981	02	Near Station	Type-II colony
6		150	Electrical Equipment Factory, RNC	4015002	24/11/2005	02	Near Station	Type-II colony
7		250	United Transformer and Electrical	A0878	20/03/2003	02	Near Station	Stn., DRM building & Filter House
8		250	United Transformer and Electrical	02031028	12/03/2004	03	Near Old Sick Line	Sick Line, Old washing Line, Tower No:5,6
9		250	STANELEC Transformer Equip.Company	09901277	20/03/2009	03	Near Old Sick Line	Sick Line, Old washing Line, Tower No:5,6
10		250	Synergy power equipment	9624	14/11/2010	03	Near Old Sick Line	Sick Line, Old washing Line, Tower No:5,6
11		250	Kirloskar	--	17/10/2015	03	Near New Sick Line	Sick Line, washing Line, Tower No:5,6

12		250	Kirloskar	--	17/10/2015	03	Near Old Sick Line	Sick Line, washing Line, Tower No:5,6
13		100	ETEC	--	25/11/1981	04	Near Goods Shed	RPF colony & Goods Shed
14		250	Power Master Electrical Pvt. Ltd	03145	18/12/2012	05	Near New Washing Line	New Washing Line & Tower No:2,3
15		250	STANELEC	09901278	25/02/2009	05	Near New Washing Line	New Washing Line & Tower No:2,3
16	HATIA	250	STANELEC	--	25/02/2009	05	Near New Washing Line	New Washing Line & Tower No:2,3
17		250	United Transformer and Electrical	A0876	24/03/2003	06	In Officer's Colony	Type-I colony
18		100	United Transformer and Electrical	A0825	15/12/1997	06	In Officer's Colony	Officer's Colony
19		63	KVA Process	--	--	07	--	--
20		150	ETEC	1428	23/11/1965	08	Near Post Office	Type-II colony
21		250	Power Master Electrical Pvt. Ltd	04115	24/06/2006	LPH	Loco Pump House	Pumps used in LPH
22		250	Kirloskar	98PFD121 / 675	06.01.2012	Hospital	Near DRM office	New hospital/HTE
23		250	Powermaster	--	2014	Stadium	Near Hockey Stadium	Stadium
24		63	KVA Process	--	05.04.2013	Coach Washing Plant	Coaching depot	Coach Washing Plant
25		160	EMCO	--	22.05.2009	LOM	Near Sation LOM	Colony Street Light, Station Building
26		150	EEF, RNC	4014266	17/02/2006	Karra	Karra	Colony, Station Building
27		100	Kirloskar	66BO-023/2	13/04/2007	Bano	Bano	-Do-
28		63	Power master	09137	05/01/2010	Bano	Bano	-Do-
29		250	Power master	03146	18/09/2009	Bano P/house	Bano Pump house	Pump house
30		160	MECAVO	50467	03/01/2009	GBX	GBX	Colony, Station Building
31		100	Transformer switch Gear Pvt. Ltd	4136	10/02/2009	KNRN	KNRN	-Do-
32	63	Power master	09139	23/12/2009	BLRG	BLRG	-Do-	
33	63	KVA Process	--	07.08.2013	BKPR	BKPR	-Do-	
34	63	KVA Process	--	2014	PBB	PBB	-Do-	
35	63	Power Master	--	Aug'14	KRKR	KRKR	-Do-	
36	63	KVA Process	--	2014	PKC	PKC	-Do-	

37		63	KVA Process	--	2015	MCZ	MCZ	Colony, Station Building
38		63	Power Master	--	Sept'14	ORG	ORGA	-Do-
39	RANCHI	500	AEG	02122	22/09/2014	03	Sub – Station No-3, Ranchi	Station, all S.B. and RRB Complex
40		250	Power Master Electrical Pvt. Ltd	-	21/05/2015	02	Sub – Station No-2, Ranchi	South Railway Colony
41		250	Power Master Electrical Pvt. Ltd	04116	10/09/2004	04	Sub – Station No-4, Ranchi	South Railway Colony
42		250	Power Master Electrical Pvt. Ltd	03019	12/11/2004	04	Sub – Station No-4, Ranchi	South Railway Colony
43		250	STANELEC Transformer Equip. Comp.	0901280	19/04/2009	01	Sub – Station No-1, Ranchi	North Railway colony, Street Light and RPF
44		250	STANELEC Transformer Equip. Comp.	0901282	23/04/2009	03	Sub – Station No-3, Ranchi	Station Building and RRB Complex
45		160	Automatic Electro Gear	576/98/99	12/10/2005	05	Sub – Station No-5, Ranchi	South Railway Colony
46		160	GEC	3501	20/08/2005	01	Sub – Station No-1, TIS	TIS. Station and Colony, whole Railway Complex
47		160	Automatic Electro switch Gear	542-97-98	05/06/2005	01	Sub – Station No-1, LAD	LAD. Station and Railway Colony
48		100	Esennar Transformer Pvt.Ltd.	ET 2357	05.03.2013	01	Sub – Station No-1, NKM	NKM Station and Railway Colony
49		25	Power Master	130339	21.11.2013	01	Sub – Station No-1, JONA	JONA Railway Station
50		25	Power Master	-	2014	01	Sub – Station No-1, GATD	GATD Railway Station
51		25	Power Master	-	2015	01	Sub – Station No-1, NJA	NJA Railway Station
52		63	Power Master	-	2017	01	Sub – Station No-1, BICI	BICI Railway Station
53	MURI	250	ETE, HYD.	1700	13/12/1975	01	Sub – Station No-1, Muri	South Colony, Station Building
54		250	United Transformer and Electrical	A-0557	08/10/1983	03	Near VHF	A-Type Colony
55		160	Transformer & Switch Gear Ltd. Madras	4149	14/05/1969	02	RPH	Pump Motor of River Pump House
56		250	Transformer Automatic Electro Gear	729/2000-2001	05/04/2001	02	RPH	B-Type Colony
57		250	STANELEC Transformer Equipment Company	09901282	22/10/2009	01	Sub – Station No-1, Muri	South Colony, Station Building
58		63	Power Master	085008/2013	17.08.2011	GRE	TRD Colony	Stn. And TRD colony

59	63	Power Master	-	10.07.2010	JHMR	JHMR	Stn and JHMR colony
60	63	Power Master	09/38	22.06.2013	MAEL	MAEL	MAEL stn and colony
61	63	Power Master	--	2014	GDBR	GDBR	Station and Railway Colony.
62	25	Power Master	--	2017	LTMD	LTMD	Station and Railway Colony.
63	63	Power Master	--	2017	TUL	TUL	Station and Railway Colony.

### DIESEL GENERATOR

S.N.	Station	Location	Year of installation	Details of DG set		Whether provided with AMF panel	Feeding area
				Make	Capacity (in KVA/KW)		
1	Ranchi	SS-1	2004	Crompton Greaves	250 KVA	Yes	Station, street light pump house, health unit, PRS etc.
2		PRS, Ranchi	2006	Kirloskar	6.6 KVA	-Do-	PRS, RNC for stand-by purpose.
3		SS-1	2015	Cummins	250KVA	Yes.	Stand-by.
4		SS-1	2017	-	30KVA	Yes	-do-
5	Hatia	LPH	24/12/03	Kirloskar	160 KVA	AMF Panel	Only to run pumps at Loco pump house.
			2018	Jakson	250 KVA	yes	
6		BANO	05.12.12	Ashok Leyland	82.5 KVA	No AMF Panel	Only to run pumps for Rly colony & settlement at Bano
7		Hospital	25.07.12	CGL	160KVA	Yes	New hospital HTE
8		DPH	21/12/04	Crompton Greaves	160 KVA	AMF Panel	Water treatment plant, DRM Building, Station building, sick line, washing line.
9		SS No.1	24/03/04	Kirloskar	250 KVA	AMF Panel	DRM Building, S.S No.1 &2 street light.
10		DPH	19.05.17	Jakson	160 KVA	AMF Panel	Rly. Station, Filter plant house and Coaching depot/HTE.
11	Yard/HTE	13.08.17	Jakson	250 KVA	AMF Panel	S/W Line, Mechanized Laundry/HTE.	
12	Muri	River pump house.	21/07/05	Cummins	82.5 KVA	NO.	To run Elect. Pumps at River pump house.
13		Station	2018	Jakson	160KVA	Yes	Rly. Station



## DETAILS OF WATER COOLERS

<i>Sl. No.</i>	<i>Station</i>	<i>Location</i>	<i>No.of Water Cooler.</i>	<i>Capacity &amp; Make</i>
1	Hatia	Lobby	01	120 Ltr. Altawel
2		Station/ PF No. 01	01	120 Ltr. Altawel
3		Station/ PF No. 02	01	150 Ltr. Blue Star
4		TTE Rest Room	01	40 Ltr. Usha
5		Near DRM Conference Hall	01	150 Ltr. Usha
6		Running room	01	120 Ltr. Altawel
7	Ranchi	RPF Barrack	01	120 ltr. Blue Star
8		Platform No. 1, 2 & 3 (Centralized Chilled water plant)	01	22 ton. Blue Star/under condemnation.
9		Station/ PF No. 01	01	120 Ltr Altawel/damage
10		Station/ PF No. 02& 3	02	120 Ltr Altawel/damage
11		LAD/PF-1	01	120 Ltr Altawel
12	Muri	Platform No. 1,	01	120 Ltr Altawel/damage
13		Platform No. 2 & 3	01	150Ltr./damage,not repairable Sree Ram Usha, S.No.-96/03/E-1463
14		Running Room	01	160Ltr. Accolen,/OK S.No.K/96/SE/-202
15		RMT Station Platform	01	120 Ltr Altawel/OK
16		Jhalda stn	01	120 lts./not repairable
<b>Total</b>			<b>17</b>	



## LIST OF AIR CONDITION MACHINE AT HATIA

SN	Location	Capacity	Make/Type	Remarks
01	Chief controller Room	1.5 TON	VOLTAS	Working Condition
02	Chief controller (Goods) Room	1.5 TON	VOLTAS(W)	Working Condition
03	Chief controller (coaching) Room	1.5 TON	VOLTAS(W)	Working Condition
04	Signal & Telecom control	1.5 TON	VOLTAS(S)	Working Condition
05	HTE - NXN Section	1.5 TON	VOLTAS(S)	Working Condition
06	HTE-MURI-KSX Section	1.5 TON	VOLTAS(S)	Working Condition
07	CHI-MURI-BRKA Section	1.5 TON	VOLTAS(W)	Working Condition
08	TLC LTPC Controller Room	1.5 TON	VOLTAS(S)	Working Condition
09	TPC Control	1.5 TON (03nos.)	VOLTAS(W)	Working Condition
10	SR.DEE	1.5 TON	VOLTAS(S)	Working Condition
11	DRM Chamber	1.5 TON (02nos.)	LG(S)	Working Condition
12	ADRM	2 TON	VOLTAS	Working Condition
13	Sr. DCM	1.5 TON	VOLTAS	Working Condition
14	DCM	1.5 TON	Window	Working Condition
15	ACM	1.5 TON	Split	Working Condition
16	Sr. DOM	1.5 TON	VOLTAS(S)	Working Condition
17	AOM	1.5 TON	VOLTAS(W)	Working Condition
18	S&T Exchange	1.5 TON	VOLTAS	Working Condition
19	VIP Launge	2 TON	VOLTAS	Working Condition
20	VIP Launge	2 TON	VOLTAS	Working Condition
21	PRS/HTE	1.5 TON	VOLTAS	Working Condition
22	PRS/HTE	1.5 TON	VOLTAS	Working Condition
23	PRS/HTE	1.5 TON	VOLTAS	Working Condition
24	Transit/HTE	1.5 TON	VOLTAS	Working Condition
25	Transit/HTE	1.5 TON	VOLTAS	Working Condition
26	DRM Buglow	1.5 TON (02nos.)	VOLTAS	Working Condition
27	DRM Buglow	1.5 TON (04nos.)	Split	Working Condition
28	Hospital/HTE	1.5 TON	VOLTAS	Working Condition
29	Hospital/HTE	1.5 TON	VOLTAS	Working Condition
30	Hospital/HTE	1.5 TON	VOLTAS	Working Condition
31	Hospital/HTE	1.5 TON	LG	Working Condition
32	Hospital/HTE	1.5 TON	LG	Working Condition
33	Lobby Room	1.5 TON	Carrier	Working Condition
34	Lobby Room	1.5 TON	VOLTAS	Working Condition
35	Officers's Rest Room(Stn)	1.5 TON	Split	Working Condition
36	CDO/HTE	1.5 TON	Blue Star	Working Condition
37	DRM conference Hall	1.5 TON	VOLTAS(W)	Working Condition
38	DRM conference Hall	1.5 TON	VOLTAS(W)	Working Condition
39	DRM conference Hall	1.5 TON	LG(S)	Working Condition
40	DRM conference Hall	1.5 TON	LG(S)	Working Condition
41	DFM/RNC	1.5 TON	VOLTAS	Working Condition
42	Sr.DPO/RNC	1.5 TON (02nos.)	Split	Working Condition
43	Central Conference	1.5 TON	VOLTAS(S)	Working Condition
44	DEN(East)	1.5 TON	VOLTAS(W)	Working Condition
45	DEN(South)	1.5 TON	LG(S)	Working Condition
46	Sr.DEN(Co-ord)	1.5 TON	VOLTAS(S)	Working Condition

47	Sr.DME	1.5 TON	VOLTAS(W)	Working Condition
48	Sr.DMM	1.5 TON	VOLTAS	Working Condition
49	PS to DRM	1.5 TON	VOLTAS	Working Condition
50	DEE(OP)	1.5 TON	VOLTAS(W)	Working Condition
51	Sr.DSC	1.5 TON	VOLTAS(W)	Working Condition
52	Sr.DSTE	1.5 TON	VOLTAS(S)	Working Condition
53	DSTE	1.5 TON	Blue Star(W)	Working Condition
54	ADSTE	1.5 TON	Window	Working Condition
55	S&T Eqpmt. Room	1.5 TON (02nos.)	Window	Working Condition
56	Sr.DEE(TRD)	1.5 TON	VOLTAS(S)	Working Condition
57	TRD Control	1.5 TON	VOLTAS	Working Condition
58	DFM Computer	2 TON	Split	Working Condition
59	Audit Officer	1.5 TON	Split	Working Condition
60	DFM Server Room	1.5 TON (02nos.)	VOLTAS	Working Condition
61	Comml. Control	1 TON	VOLTAS(S)	Working Condition
62	C&W and Electrical Control	1.5 TON	VOLTAS(W)	Working Condition
63	Server Operating Room	1.5TON	LG(S)	Working Condition
64	Server Operating Room	1.5 TON	VOLTAS(S)	Working Condition
65	Server Operating Room	1.5 TON	VOLTAS(S)	Working Condition
66	E.I. Building	1.5 TON (06nos.)	Split	
67	Sr.DSO	1.5 TON	LG(S)	Working Condition
68	New Hospital	1.5 TON (8nos.)	LG	Working Condition
69	Officers Club and other rooms	2 TON (16nos.)	LG	Working Condition
70	FOIS	1.5TON	Window	Working Condition
71	Engg. Control	1.5TON	Window	Working Condition
72	S&T Goomty	1.5 TON (08nos.)	Split	Working Condition
73	Running room	1.5TON (34nos.)	Split	Working Condition
74	Assistant level officer's chamber	1.5TON (27nos.)	Split	Working condition
75	TTE Rest Room	1.5TON (02nos.)	Split	Working condition
76	AC Dormitory	1.5TON (02nos.)	Split	Working condition



## DETAILS OF AIR CONDITIONED MACHINE AT RANCHI

SN	Location	Capacity	Make/Type	Remarks
01	ORH/Room No.1	1.5 TON	TEMPAIR	Working Condition
02	ORH/Room No-2	1.5 TON	LG	Working Condition
03	ORH/Room No-3	1.5 TON	LG	Working Condition
04	ORS/Room No-4	1.5 TON	LG	Working Condition
05	ORS/Room No-5	1.5 TON	LG	Working Condition
06	ORS/Room No-6	1.5 TON (02nos.)	LG	Working Condition
07	ORH/Room No.7	1.5 TON (02nos.)	Carrier	Working Condition
08	ORH/Room No.8	1.5 TON	Weather maker	Working Condition
09	ORH/Room No.8	1.5 TON	Blue Star	Working Condition
10	ORH/Room No.9	1.5 TON	Split	Working Condition
11	ORH/Room No.10	1.5 TON	Carrier	Working Condition
12	ORH/Room No.10	1.5 TON	TEMPAIR	Working Condition
13	ORH/ Room No.11	2 TON	Split AC unit Samsung	Working Condition
14	ORH/ Room No.11	1.5 TON	Window AC	Working Condition
15	ORH/ Room No.12	1.5 TON	Split AC unit Samsung	Working Condition
16	ORH/ Room No.12	1.5 TON	Split AC unit Samsung	Working Condition
17	Rly. Magistrate Room	1.5 TON	LG	Working Condition
18	CCTV room	1.5 TON	LG	Working Condition
19	PRS/Office, RNC Rly. Station	1.5 TON (05nos.)	Window AC unit	Working Condition
20	CRS/Chamber, RNC Rly. Station	1.5 TON	ACCAIR	Working Condition
21	Railway DIG	1.5 Ton	Window AC unit	Working Condition
22	Dy. CSTE(Con)	1.5 Ton (02nos.)	Window AC unit	Working Condition
23	DEE(CON)	1.5 Ton	Split AC unit Voltas	Working Condition
24	BNR, Conference Hall	1.5 TON	Split AC unit Voltas	Working Condition
25	BNR, Conference Hall	1.5 TON	Split AC unit Voltas	Working Condition
26	Chairman, RRB/Ranchi	1.5 TON	Voltas	Working Condition
27	Chairman, RRB/Ranchi	1.5 TON	Blue Star	Working Condition
28	Member Secretary , RRB Ranchi	1.5 TON	TEMPAIR	Working Condition
29	Dy.CEE/CON, Ranchi	1.5 TON (02nos.)	Voltas	Working Condition
30	Dy.CEE/CON(FA&CAO), Ranchi	1.5 TON	Blue Star	Working Condition
31	Hospital, Ranchi	1.5 TON (02nos.)	TEMPAIR	Working Condition
32	Telephone Exchange	1.5 TON	ACCAIR	Working Condition
33	SM's Room, Ranchi	1.5 TON	Split AC unit Voltas	Working Condition
34	VIP Room Ranchi Rly Station	1.5 TON	Split AC unit Voltas	Working Condition

35	VIP Room Ranchi Rly Station	1.5 TON	Split AC unit Voltas	Working Condition
36	Bidhan Sabha, Ranchi	1.5 TON	Voltas	Working Condition
37	Waiting Hall 1 <sup>st</sup> Class	1.5 TON (02nos.)	Split AC unit	Working Condition
38	AC Dormitory	1.5 TON (06nos.)	Split AC unit	Working Condition
39	RCT	1.5 TON (02nos.)	Split AC unit	Working Condition
40	ORH/ECR	1.5 TON (04nos.)	Split AC unit	Working Condition
41	Dy.CEE(Con) New Rest House	1.5 TON (04nos.)	Split AC unit	Working Condition
42	El building (Dy.SS)	1.5 TON (02nos.)	Split AC unit	Working Condition
43	El building (TCI)	1.5 TON (02nos.)	Split AC unit	Working Condition
44	El building (Signal)	1.5 TON (02nos.)	Split AC unit	Working Condition
45	East Goomty	1.5 TON (02nos.)	Split AC unit	Working Condition
46	West Goomty	1.5 TON (02nos.)	Split AC unit	Working Condition

### DETAILS OF AIR CONDITIONED MACHINE AT MURI

Sl No.	Location	Capacity	Make/Type	Remarks
01	Microlock Room	2 TON	Voltas, split AC unit	Working Condition
02	Microlock Room	2 TON	Voltas, split AC unit	Working Condition
03	Microlock Room	2 TON	Voltas, split AC unit	Working Condition
04	Microlock Room	2 TON	Voltas, split AC unit	Working Condition
05	ADSTE Room	2 TON	Voltas, split AC unit	Working Condition
06	Data Logger Room	2 TON	Voltas, split AC unit	Working Condition
07	Dy.SS	2 TON	Voltas, split AC unit	Working Condition
08	Dy.SS	2 TON	Voltas, split AC unit	Working Condition
09	Relay Room	2 TON	Voltas, split AC unit	Working Condition
10	ACMS Room	1.5 TON	Voltas, split AC unit	Working Condition
11	Officer's Rest House	1.5 TON	Window AC unit	Working Condition
12	Way Bridge	1.5 TON	Window AC unit	Working Condition
13	Ticket booking	1.5 TON	Window AC unit	Working Condition
14	Running room	1.5 TON (17nos.)	Split AC unit	Working condition
15	TTE rest room	1.5 TON (2nos.)	Split AC unit	Working condition
16	ORH	2 Ton (02nos.)	Split AC unit	Working condition
17	Doctor's room	1.5Ton	Split AC unit	Working condition
18	Assistant officer's chamber	1.5Ton (04nos.)	Split AC unit	Working condition