

CAPACITY HANDLED BY RVPN TRANSMISSION SYSTEM (FY 2015-16)

S.No.	Particulars	Installed Capacity	Unallocated Quota	Aux. Cons.	Firm Allocation	Temp Allocation	Outside State Loss	Total Capacity	No. of Months/Year	Weighted Capacity
		(MW)	(MW)	(%)	(%)	(%)	(%)	(MW)	(No)	(MW)
A	NTPC / NLC									
1	Singhrouli TPS	2000	300	8.25%	15%	0.82%	3.88%	278.96	12	278.96
2	Rihand STPS	1000	150	9.00%	9.50%	0.82%	3.88%	90.23	12	90.23
3	Unchahar TPS -I	420	20	9.74%	4.76%	0.26%	3.88%	18.29	12	18.29
4	Unchahar TPS -II	420	63	9.74%	9.05%	0.82%	3.88%	35.95	12	35.95
5	Anta GTPS	419.33	63	3%	19.81%	0.82%	3.88%	80.65	12	80.65
6	Auria GTPS	663.36	99	3%	9.20%	0.81%	3.88%	61.92	12	61.92
7	Dadri GTPS	829.76	129	3%	9.28%	0.85%	3.88%	78.33	12	78.33
8	Rihand TPS Stage-II (Unit-1)	500	75	9%	10%	0.82%	3.88%	47.30	12	47.30
9	Rihand TPS Stage-II (Unit-2)	500	75	9%	10%	0.82%	3.88%	47.30	12	47.30
10	Kahal gaon TPS Stage-II (U-1)	500	75	9%	4.86%	0.82%	3.88%	24.82	12	24.82
11	Kahal gaon TPS Stage-II (U-2)	500	75	9%	4.86%	0.82%	3.88%	24.82	12	24.82
12	Kahal gaon TPS Stage-II (U-3)	500	75	9%	4.86%	0.82%	3.88%	24.82	12	24.82
13	Unchahar TPS Stage-III	210	31	9%	10.95%	0.80%	3.88%	21.59	12	21.59
14	E.R. (In lieu of Tala)									
	(i) Farakka TPS	1600	0	9%	0.69%	0.00%	3.88%	9.66	12	9.66
	(ii) Kahalgaoon TPS - I	840	0	9%	3.04%	0.00%	3.88%	22.34	12	22.34
	(iii) Kahalgaoon TPS -II	1500	0	9%	2.24%	0.00%	3.88%	29.39	12	29.39
15	Barsingsar TPS (NLC) (Unit-1)	125	0	9%	100%	0.00%	0.00%	113.75	12	113.75
16	Barsingsar TPS (NLC) (Unit-2)	125	0	9%	100%	0.00%	0.00%	113.75	12	113.75
17	Rihand TPS Stage-III Unit-5 & 6(2x500)	1000	75	9%	11.52%	0.41%	3.88%	104.37	12	104.37
18	Entitlements of equivalent capacity from NTPC Stations for bundling with Solar PV Power	310	0	0%	100.00%	0.00%	3.88%	297.97	12	297.97
	TOTAL A							1526.24		1526.24
B	NHPC/NJPC/THDC									
1	Tanakpur HEP	94.2	0	0.50%	11.53%	0.00%	3.88%	10.39	12	10.39
2	Salal HEP	690	0	0.50%	2.95%	0.00%	3.88%	19.47	12	19.47
3	Chamera HEP -I	540	0	0.50%	19.60%	0.00%	3.88%	101.22	12	101.22
4	Chamera HEP -II	300	54	0.50%	9.67%	0.98%	3.88%	30.55	12	30.55
5	Uri HEP	480	0	0.50%	8.96%	0.00%	3.88%	41.13	12	41.13
6	Dhauri Ganga HEP	280	42	0.50%	9.65%	0.82%	3.88%	28.03	12	28.03
7	Nathpa Jakhri HEP (NJPC)	1500	149	0.50%	7.47%	0.54%	3.88%	114.91	12	114.91
8	Dulhasti HEP	390	59	0.50%	10.88%	0.82%	3.88%	43.61	12	43.61
9	Tehri HEP -I (THDC)	1000	99	0.50%	7.50%	0.54%	3.88%	76.88	12	76.88
10	Tala HEP	1020	153	0.50%	0.00%	0.22%	3.88%	2.15	12	2.15
11	Sewa HEP Stage-II (3x40 MW)	120	18	0.50%	10.84%	0.82%	3.88%	13.38	12	13.38
12	Koteshwar HEP (1x100 MW) (Unit-1)	100	9.9	0.50%	8.36%	0.54%	3.88%	8.51	12	8.51
13	Koteshwar HEP (1x100 MW) (Unit-2)	100	9.9	0.50%	8.36%	0.54%	3.88%	8.51	12	8.51
14	Koteshwar HEP (1x100 MW)(Unit-3)	100	9.9	0.50%	8.36%	0.54%	3.88%	8.51	12	8.51
15	Koteshwar HEP (1x100 MW) (Unit-4)	100	9.9	0.50%	8.36%	0.54%	3.88%	8.51	12	8.51
16	Chamera HEP -Stage-III (Unit-1)	77	11.55	0.50%	10.91%	0.82%	3.88%	8.63	12	8.63
17	Chamera HEP -Stage-III (Unit-2)	77	11.55	0.50%	10.91%	0.82%	3.88%	8.63	12	8.63
18	Chamera HEP -Stage-III(Unit-3)	77	11.55	0.50%	10.91%	0.82%	3.88%	8.63	12	8.63
19	Uri HEP Stage -II (Unit-1&2)(2x60 MW)	120	18	0.50%	11.41%	0.82%	3.88%	14.03	12	14.03
20	Uri HEP Stage -II (Unit-3)(1x60 MW)	60	9	0.50%	11.41%	0.82%	3.88%	7.01	12	7.01
21	Parbati HEP Stage -III (Unit-1 to 4)(4x130 MW)	520	78	0.50%	10.91%	0.82%	3.88%	58.32	12	58.32
22	Rampur HEP (Unit-1 to 6)(6x68.67 MW)	412.02	37.66	0.50%	7.72%	0.50%	3.88%	32.38	12	32.38
23	Koldam (3x200 MW) (Hydro) UNIT-I,II&III	600	0	0.50%	10.75%	0.00%	3.88%	61.69	12	61.69
24	Koldam (1x200 MW) (Hydro) UNIT-IV	200	0	0.50%	10.75%	0.00%	3.88%	20.56	9	15.42
	TOTAL B							735.65		730.51

S.No.	Particulars	Installed Capacity	Unallocated Quota	Aux. Cons.	Firm Allocation	Temp Allocation	Outside State Loss	Total Capacity	No. of Months/Year	Weighted Capacity
		(MW)	(MW)	(%)	(%)	(%)	(%)	(MW)	(No)	(MW)
C NPC										
1	RAPP-I	100	0	10%	0%	0.00%	0.00%	90.00	0	0.00
2	RAPP-II	200	0	10%	100%	0.00%	0.00%	180.00	12	180.00
3	RAPP-III	220	16.5	10%	28.41%	0.56%	3.88%	55.13	12	55.13
4	RAPP-IV	220	16.5	10%	28.41%	0.56%	3.88%	55.13	12	55.13
5	RAPP-V	220	53.5	10%	19.94%	2.36%	3.88%	42.45	12	42.45
6	RAPP-VI	220	53.5	10%	19.94%	2.36%	3.88%	42.45	12	42.45
7	NAPP- U-I	220	32	10%	10%	1.41%	3.88%	21.72	12	21.72
8	NAPP-U-II	220	32	10%	10%	1.41%	3.88%	21.72	12	21.72
TOTAL C								508.61		418.61
D RVUN										
1	Kota STPS(110MW)	110	0	9.50%	100%	0.00%	0%	99.55	12	99.55
2	Kota STPS(110MW)	110	0	9.50%	100%	0.00%	0%	99.55	12	99.55
3	Kota STPS(210MW)	210	0	9.50%	100%	0.00%	0%	190.05	12	190.05
4	Kota STPS(210MW)	210	0	9.50%	100%	0.00%	0%	190.05	12	190.05
5	Kota STPS(210MW)	210	0	9.50%	100%	0.00%	0%	190.05	12	190.05
6	Kota STPS(195MW)	195	0	9.50%	100%	0.00%	0%	176.48	12	176.48
8	Suratgarh TPS (250 MW)	250	0	9.13%	100%	0.00%	0%	227.18	12	227.18
9	Suratgarh TPS (250 MW)	250	0	9.13%	100%	0.00%	0%	227.18	12	227.18
10	Suratgarh TPS (250 MW)	250	0	9.13%	100%	0.00%	0%	227.18	12	227.18
11	Suratgarh TPS (250 MW)	250	0	9.13%	100%	0.00%	0%	227.18	12	227.18
12	Suratgarh TPS (250 MW)	250	0	9.13%	100%	0.00%	0%	227.18	12	227.18
13	Ramgarh GTPP Stage-I,II&III	110.5	0	4.00%	100%	0.00%	0%	106.08	12	106.08
14	Giral TPS Stage-I Unit-1 & 2	250	0	9.65%	100%	0.00%	0%	225.88	12	225.88
15	Dholpur GTPP (Unit - 1)	110	0	3.18%	100%	0.00%	0%	106.50	12	106.50
16	Dholpur GTPP (Unit - 2)	110	0	3.18%	100%	0.00%	0%	106.50	12	106.50
17	Dholpur GTPP- (Unit-3)	110	0	3.18%	100%	0.00%	0%	106.50	12	106.50
18	Giral TPS Stage-I Unit-2	125	0	9.65%	100%	0.00%	0%	112.94	12	112.94
19	STPS, Unit-6	250	0	9.13%	100%	0.00%	0%	227.18	12	227.18
20	KTPS Stage-V, Unit-7	195	0	9.50%	100%	0.00%	0%	176.48	12	176.48
21	Chhabra TPS (Unit-1)	250	0	9.50%	100%	0.00%	0%	226.25	12	226.25
22	Chhabra TPS (Unit-2)	250	0	9.50%	100%	0.00%	0%	226.25	12	226.25
23	Mahi Hydel PH-I	50	0	0.70%	100%	0.00%	0%	49.65	12	49.65
24	Mahi Hydel PH-II	90	0	0.70%	100%	0.00%	0%	89.37	12	89.37
25	MMH	23.85	0	0.70%	100%	0.00%	0%	23.68	12	23.68
26	Ramgarh Combined Cycle Gas TPS Stage-IV unit -1(1x110 MW)	110	0	4.00%	100%	0.00%	0%	105.60	12	105.60
27	Chhabra TPS (Unit-3)	250	0	9.50%	100%	0.00%	0%	226.25	12	226.25
28	Ramgarh Combined Cycle Gas TPS Stage-IV unit-2 (1x50 MW)	50	0	4.00%	100%	0.00%	0%	48.00	12	48.00
29	Kalisindh TPS (Unit-1) (1x600 MW)	600	0	9.50%	100%	0.00%	0%	543.00	12	543.00
30	Chhabra TPS (Unit-4)	250	0	9.50%	100%	0.00%	0%	226.25	12	226.25
31	Kalisindh TPS (Unit-2) (1x600 MW)	600	0	9.50%	100%	0.00%	0%	543.00	8	362.00
TOTAL D								5556.95		5375.95
E PARTNERSHIP PROJECTS										
1	BBMB-Bhakra	1516.3	0	2%	15.22%	0.00%	3.88%	217.39	12	217.39
2	BBMB-Dehar	990	0	2%	20%	0.00%	3.88%	186.51	12	186.51
3	BBMB-Pong	396	0	2%	58.50%	0.00%	3.88%	218.22	12	218.22
4	Chambal Complex	386	0	2%	50%	0.00%	0.00%	189.14	12	189.14
5	Satpura TPS	250	0	10%	0%	0.00%	3.88%	0.00	12	0.00
TOTAL E								811.26		811.26
F NES power stations										
1	Wind Farms	3214.61	0	0%	100%	0.00%	0%	3214.61	12	3214.61
2	Biomass	97.00	0	0%	100%	0.00%	0%	97.00	12	97.00
3	Solar	605	0	0%	100%	0.00%	0%	605.00	12	605.00
4	(Wind +Biomass+ solar) added during 2015-16	765.34	0	0%	100%	0.00%	0%	765.34	6	382.67
TOTAL F								4681.95		4299.28

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		(MW)	(MW)	(%)	(%)	(%)	(%)	(MW)	(No)	(MW)
G Private sector projects										
1	M/s Raj West Power Ltd. (1x135 MW) (U-1)	135	0	9%	100%	0.00%	0%	122.85	12	122.85
2	M/s Raj West Power Ltd. (1x135 MW) (U-2)	135	0	9%	100%	0.00%	0%	122.85	12	122.85
3	M/s Raj West Power Ltd. (1x135 MW) (U-3)	135	0	9%	100%	0.00%	0%	122.85	12	122.85
4	M/s Raj West Power Ltd. (1x135 MW) (U-4)	135	0	9%	100%	0.00%	0%	122.85	12	122.85
5	UMPP Mundra Unit-1 (1x760 MW)	800	0	9%	10%	0.00%	3.88%	69.98	12	69.98
6	M/s Raj West Power Ltd. (1x135 MW) (U-5)	135	0	9%	100%	0.00%	0%	122.85	12	122.85
7	M/s Raj West Power Ltd. (1x135 MW) (U-6)	135	0	9%	100%	0.00%	0%	122.85	12	122.85
8	M/s Raj West Power Ltd. (1x135 MW) (U-7)	135	0	9%	100%	0.00%	0%	122.85	12	122.85
9	M/s Raj West Power Ltd. (1x135 MW) (U-8)	135	0	9%	100%	0.00%	0%	122.85	12	122.85
10	UMPP Mundra Unit-2 (1x760 MW)	800	0	9%	10%	0.00%	3.88%	69.98	12	69.98
11	UMPP Mundra Unit-3 (1x760 MW)	800	0	9%	10%	0.00%	3.88%	69.98	12	69.98
12	UMPP Mundra Unit-4 (1x760 MW)	800	0	9%	10%	0.00%	3.88%	69.98	12	69.98
13	UMPP Mundra Unit-5 (1x760 MW)	800	0	9%	10%	0.00%	3.88%	69.98	12	69.98
14	M/s Adani Power Ltd. (Kawai)Unit-1 (1x660 MW)	660	0	0%	90.9%	0.00%	0.00%	599.94	12	600
15	M/s Adani Power Ltd. (Kawai)Unit-2 (1x660 MW)	660	0	0%	90.9%	0.00%	0.00%	599.94	12	600
16	UMPP Sasan Unit-3 (1x660 MW)	660	0	9%	10%	0.00%	3.88%	57.73	12	57.73
17	UMPP Sasan Unit-2 (1x660 MW)	660	0	9%	10%	0.00%	3.88%	57.73	12	57.73
18	UMPP Sasan Unit-4 (1x660 MW)	660	0	9%	10%	0.00%	3.88%	57.73	12	57.73
19	UMPP Sasan Unit-1 (1x660 MW)	660	0	9%	10%	0.00%	3.88%	57.73	12	57.73
20	UMPP Sasan Unit-5 (1x660 MW)	660	0	9%	10%	0.00%	3.88%	57.73	12	57.73
21	UMPP Sasan Unit-6 (1x660 MW)	660	0	9%	10%	0.00%	3.88%	57.73	12	57.73
22	Karcham Wangtoo(1000MW)	1000	0	0.50%	10%	0.00%	3.88%	99.46	12	99.46
	TOTAL G							2978.40		2978.40
OTHERS										
H	RFF	25	0	0%	100%	0.00%	0%	25.00	12	25.00
I	Purchase (Bilateral+Exchange)							0.00		175.82
J	GROSS TOTAL (A+B+C+D+E+F+G+H+I)							16824.06		16341.07
K	Less									
1	Common pool	37.96	0	0%	100%	0.00%	0%	37.96		37.96
2	MPSEB	177.53	0	0%	100%	0.00%	0%	177.53		177.53
	TOTAL L							215.49		215.49
	Net Transmission Capacity =Total (J)- (K)							16608.57		16125.58
Note:-										
1	The Capacity of Ramgarh Gas U-1 (3 MW) are not considered due to permanent outage.									
2	Here transmission losses for FY 2015-16 (out side the State) is considered as 3.88%									
3	RAPP Unit #1 is under shut down for long time and hence its capacity is taken as zero									