

## CAPACITY HANDLED BY RVPN TRANSMISSION SYSTEM (FY 2016-17)

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)
<b>A</b>	<b>NTPC / NLC</b>									
1	Singhrouli TPS	2000	300	8.25%	15%	0.93%	3.85%	281.01	12	281.01
2	Rihand STPS	1000	150	9.00%	9.50%	0.93%	3.85%	91.23	12	91.23
3	Unchahar TPS -I	420	20	9.74%	4.76%	0.29%	3.85%	18.42	12	18.42
4	Unchahar TPS -II	420	63	9.74%	9.05%	0.93%	3.85%	36.37	12	36.37
5	Anta GTPS	419.33	63	3%	19.81%	0.93%	3.85%	81.11	12	81.11
6	Auria GTPS	663.36	99	3%	9.20%	0.92%	3.85%	62.63	12	62.63
7	Dadri GTPS	829.76	129	3%	9.28%	0.96%	3.85%	79.25	12	79.25
8	Rihand TPS Stage-II (Unit-1)	500	75	9%	10%	0.93%	3.85%	47.80	12	47.80
9	Rihand TPS Stage-II (Unit-2)	500	75	9%	10%	0.93%	3.85%	47.80	12	47.80
10	Kahal gaon TPS Stage-II (U-1)	500	75	9%	4.86%	0.93%	3.85%	25.32	12	25.32
11	Kahal gaon TPS Stage-II (U-2)	500	75	9%	4.86%	0.93%	3.85%	25.32	12	25.32
12	Kahal gaon TPS Stage-II (U-3)	500	75	9%	4.86%	0.93%	3.85%	25.32	12	25.32
13	Unchahar TPS Stage-III	210	31	9%	10.95%	0.91%	3.85%	21.80	12	21.80
14	E.R. (In lieu of Tala)									
	(i) Farakka TPS	1600	0	9%	0.69%	0.00%	3.85%	9.66	12	9.66
	(ii) Kahalgaon TPS - I	840	0	9%	3.04%	0.00%	3.85%	22.35	12	22.35
	(iii) Kahalgaon TPS -II	1500	0	9%	2.24%	0.00%	3.85%	29.40	12	29.40
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%	0.46%	3.85%	104.89	12	104.89
18	Entitlements of equivalent capacity from NTPC Stations for bundling with Solar PV Power	309.67	0	0%	100.00%	0.00%	3.85%	297.75	12	297.75
	<b>TOTAL A</b>							<b>1534.92</b>		<b>1534.92</b>
<b>B</b>	<b>NHPC/NJPC/THDC</b>									
1	Tanakpur HEP	94.2	0	0.50%	11.53%	0.00%	3.85%	10.39	12	10.39
2	Salal HEP	690	0	0.50%	2.95%	0.00%	3.85%	19.47	12	19.47
3	Chamera HEP -I	540	0	0.50%	19.60%	0.00%	3.85%	101.26	12	101.26
4	Chamera HEP -II	300	54	0.50%	9.67%	1.11%	3.85%	30.95	12	30.95
5	Uri HEP	480	0	0.50%	8.96%	0.00%	3.85%	41.15	12	41.15
6	Dhaulti Ganga HEP	280	42	0.50%	9.65%	0.93%	3.85%	28.33	12	28.33
7	Nathpa Jakhri HEP (NJPC)	1500	149	0.50%	7.47%	0.61%	3.85%	116.00	12	116.00
8	Dulhasti HEP	390	59	0.50%	10.88%	0.93%	3.85%	44.04	12	44.04
9	Tehri HEP -I (THDC)	1000	99	0.50%	7.50%	0.61%	3.85%	77.61	12	77.61
10	Tala HEP	1020	15	0.50%	0.00%	0.02%	3.85%	0.21	12	0.21
11	Sewa HEP Stage-II (3x40 MW)	120	18	0.50%	10.84%	0.93%	3.85%	13.51	12	13.51
12	Koteshwar HEP (1x100 MW) (Unit-1)	100	9.9	0.50%	8.36%	0.61%	3.85%	8.58	12	8.58
13	Koteshwar HEP (1x100 MW) (Unit-2)	100	9.9	0.50%	8.36%	0.61%	3.85%	8.58	12	8.58
14	Koteshwar HEP (1x100 MW)(Unit-3)	100	9.9	0.50%	8.36%	0.61%	3.85%	8.58	12	8.58
15	Koteshwar HEP (1x100 MW) (Unit-4)	100	9.9	0.50%	8.36%	0.61%	3.85%	8.58	12	8.58
16	Chamera HEP -Stage-III (Unit-1)	77	11.55	0.50%	10.91%	0.93%	3.85%	8.72	12	8.72
17	Chamera HEP -Stage-III (Unit-2)	77	11.55	0.50%	10.91%	0.93%	3.85%	8.72	12	8.72
18	Chamera HEP -Stage-III(Unit-3)	77	11.55	0.50%	10.91%	0.93%	3.85%	8.72	12	8.72
19	Uri HEP Stage -II (Unit-1&2)(2x60 MW)	120	18	0.50%	11.41%	0.93%	3.85%	14.16	12	14.16
20	Uri HEP Stage -II (Unit-3 & 4)(2x60 MW)	120	9	0.50%	11.41%	0.46%	3.85%	13.63	12	13.63
21	Parbati HEP Stage -III (Unit-1 to 4)(4x130 MW)	520	78	0.50%	10.91%	0.93%	3.85%	58.89	12	58.89
22	Rampur HEP (Unit-1 to 6)(6x68.67 MW)	412.02	37.66	0.50%	7.72%	0.56%	3.85%	32.66	12	32.66
23	Koldam (4x200 MW) (Hydro) UNIT-I,II&III	800	0	0.50%	10.75%	0.00%	3.85%	82.28	12	82.28
	<b>TOTAL B</b>							<b>745.00</b>		<b>745.00</b>



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)
<b>C</b>	<b>NPC</b>									
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%	3.85%	55.15	12	55.15
4	RAPP-IV	220	16.5	10%	28.41%	0.56%	3.85%	55.15	12	55.15
5	RAPP-V	220	53.5	10%	19.94%	2.36%	3.85%	42.46	12	42.46
6	RAPP-VI	220	53.5	10%	19.94%	2.36%	3.85%	42.46	12	42.46
7	NAPP-U-I	220	32	10%	10%	1.41%	3.85%	21.73	12	21.73
8	NAPP-U-II	220	32	10%	10%	1.41%	3.85%	21.73	12	21.73
	<b>TOTAL C</b>							<b>508.69</b>		<b>418.69</b>
<b>D</b>	<b>RVUN</b>									
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
7	Suratgarh TPS (250 MW)	250	0	9.13%	100%	0.00%	0%	227.18	12	227.18
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	Ramgarh GTPP Stage-I,II&III	110.5	0	4.00%	100%	0.00%	0%	106.08	12	106.08
13	Giral TPS Stage-I Unit-1	125	0	9.65%	100%	0.00%	0%	112.94	12	112.94
14	Dholpur GTPP (Unit - 1)	110	0	3.18%	100%	0.00%	0%	106.50	12	106.50
15	Dholpur GTPP (Unit - 2)	110	0	3.18%	100%	0.00%	0%	106.50	12	106.50
16	Dholpur GTPP- (Unit-3)	110	0	3.18%	100%	0.00%	0%	106.50	12	106.50
17	Giral TPS Stage-I Unit-2	125	0	9.65%	100%	0.00%	0%	112.94	12	112.94
18	Suratgarh TPS, Unit-6	250	0	9.13%	100%	0.00%	0%	227.18	12	227.18
19	KTPS Stage-V, Unit-7	195	0	9.50%	100%	0.00%	0%	176.48	12	176.48
20	Chhabra TPS (Unit-1)	250	0	9.50%	100%	0.00%	0%	226.25	12	226.25
21	Chhabra TPS (Unit-2)	250	0	9.50%	100%	0.00%	0%	226.25	12	226.25
22	Mahi Hydel PH-I	50	0	0.70%	100%	0.00%	0%	49.65	12	49.65
23	Mahi Hydel PH-II	90	0	0.70%	100%	0.00%	0%	89.37	12	89.37
24	MMH	23.85	0	0.70%	100%	0.00%	0%	23.68	12	23.68
25	Ramgarh Combined Cycle Gas TPS Stage-IV unit -1(1x110 MW)	110	0	4.00%	100%	0.00%	0%	105.60	12	105.60
26	Chhabra TPS (Unit-3)	250	0	9.50%	100%	0.00%	0%	226.25	12	226.25
27	Ramgarh Combined Cycle Gas TPS Stage-IV unit-2 (1x50 MW)	50	0	4.00%	100%	0.00%	0%	48.00	12	48.00
28	Kalisindh TPS (Unit-1) (1x600 MW)	600	0	9.50%	100%	0.00%	0%	543.00	12	543.00
29	Chhabra TPS (Unit-4)	250	0	9.50%	100%	0.00%	0%	226.25	12	226.25
30	Kalisindh TPS (Unit-2) (1x600 MW)	600	0	9.50%	100%	0.00%	0%	543.00	12	543.00
31	STPS, Unit-6	250	0	9.13%	100%	0.00%	0%	227.18	12	227.18
	<b>TOTAL D</b>							<b>5671.19</b>		<b>5671.19</b>
<b>E</b>	<b>PARTNERSHIP PROJECTS</b>									
1	BBMB-Bhakra	1516.3	0	2%	15.22%	0.00%	3.85%	217.46	12	217.46
2	BBMB-Dehar	990	0	2%	20%	0.00%	3.85%	186.57	12	186.57
3	BBMB-Pong	396	0	2%	58.50%	0.00%	3.85%	218.29	12	218.29
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%	3.85%	0.00	12	0.00
	<b>TOTAL E</b>							<b>811.45</b>		<b>811.45</b>
<b>F</b>	<b>NES power stations</b>									
1	Wind Farms	3851.00	0	0%	100%	0.00%	0%	3851.00	12	3851.00
2	Biomass	97.00	0	0%	100%	0.00%	0%	97.00	12	97.00
3	Solar	733.95	0	0%	100%	0.00%	0%	733.95	12	733.95
4	(Wind +Biomass+ solar) added during 2016-17	737.4	0	0%	100%	0.00%	0%	737.40	6	368.70
	<b>TOTAL F</b>							<b>5419.35</b>		<b>5050.65</b>



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		(MW)	(MW)	(%)	(%)	(%)	(%)	(MW)	(No)	(MW)
<b>G</b>	<b>Private sector projects</b>									
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%	9.5%	0.00%	3.85%	66.50	12	66.50
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%	9.5%	0.00%	3.85%	66.50	12	66.50
11	UMPP Mundra Unit-3 (1x760 MW)	800	0	9%	9.5%	0.00%	3.85%	66.50	12	66.50
12	UMPP Mundra Unit-4 (1x760 MW)	800	0	9%	9.5%	0.00%	3.85%	66.50	12	66.50
13	UMPP Mundra Unit-5 (1x760 MW)	800	0	9%	9.5%	0.00%	3.85%	66.50	12	66.50
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%	3.85%	57.75	12	57.75
17	UMPP Sasan Unit-2 (1x660 MW)	660	0	9%	10%	0.00%	3.85%	57.75	12	57.75
18	UMPP Sasan Unit-4 (1x660 MW)	660	0	9%	10%	0.00%	3.85%	57.75	12	57.75
19	UMPP Sasan Unit-1 (1x660 MW)	660	0	9%	10%	0.00%	3.85%	57.75	12	57.75
20	UMPP Sasan Unit-5 (1x660 MW)	660	0	9%	10%	0.00%	3.85%	57.75	12	57.75
21	UMPP Sasan Unit-6 (1x660 MW)	660	0	9%	10%	0.00%	3.85%	57.75	12	57.75
22	Karcham Wangtoo(1000MW)	1000	0	0.50%	10.4%	0.00%	3.85%	99.50	12	99.50
23	Case-I	500	0	9.00%	100%	0.00%	0.00%	455.00	12	455.00
24	Gurha TPS(70MW)	0	0	9.00%	100%	0.00%	0.00%	0.00	12	0.00
	<b>TOTAL G</b>							<b>3416.15</b>		<b>3416.15</b>
	<b>OTHERS</b>									
H	RFF	25	0	0%	100%	0.00%	0%	25.00	12	25.00
I	Purchase (Bilateral+Exchange)							0.00		223.50
J	<b>GROSS TOTAL (A+B+C+D+E+F+G+H+I)</b>							<b>18131.74</b>		<b>17896.54</b>
K	<b>Less</b>									
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
	<b>TOTAL L</b>							<b>215.49</b>		<b>215.49</b>
	<b>Net Transmission Capacity =Total (J)- (K)</b>							<b>17916.25</b>		<b>17681.05</b>
	<b>Note:-</b>									
1	The Capacity of Ramgarh Gas U-1 (3 MW) are not considered due to permanent outage.									
2	Here transmission losses for FY 2016-17 (out side the State) is considered as 3.85% (provisional)									
3	RAPP Unit #1 is under shut down for long time and hence its capacity is taken as zero									