

**Summary of Power Purchase from Own Stations and Other Sources By UPPCL for all Discoms**

Sl No	Source	Gross Generating capacity (MW) in FY.13 for UP			Previous Year 2010-11			Current Year 2011-12			Ensuing Year 2012-13		
		Capacity (MW)	UP's Share(%)	UP's Share in MW	Energy Units (MU)	Procurement Cost ( Crs.)	Average Cost (/Unit)	Energy Units (MU)	Procurement Cost ( Crs.)	Average Cost (/Unit)	Energy Units (MU)	Procurement Cost ( Crs.)	Average Cost (/Unit)
<b>A</b>	<b>From States Generating Stations</b>												
	<b>Thermal</b>												
1	Anapara-A	630	100	630	3713	645	1.74			4004	742	1.85	
2	Anapara-B	1000	100	1000	7087	1534	2.16			6333	1457	2.30	
3	Obra-A	220	100	220	1039	305	2.94			796	361	4.54	
4	Obra-B	1016	100	1016	2900	807	2.78			1417	455	3.21	
5	Harduaganj	382	100	382	483	283	5.87			3766	1252	3.33	
6	Panki	210	100	210	865	338	3.91			1050	434	4.13	
7	Parichha	220	100	220	646	245	3.79			805	358	4.45	
8	Parichha Extension	420	100	420	2185	803	3.67			2526	1112	4.40	
9	Parichha Extension St.II	500	100	500						1639	680	4.15	
10	Harduaganj Extension(2*250MW)	500	100	500						2568	1161	4.52	
	<b>Sub-Total</b>	<b>5098</b>		<b>5098</b>	<b>18916</b>	<b>4959</b>	<b>2.62</b>	<b>18255</b>	<b>4769</b>	<b>2.61</b>	<b>24904</b>	<b>8014</b>	<b>3.22</b>
	<b>Hydro</b>												
1	Obra	99	100	99						175.00	12.22	0.70	
2	Rihand	300	85	255						416.50	36.70	0.88	
3	Khara	72	80	58						208.00	21.66	1.04	
4	Matatila	30	67	20						66.67	4.09	0.61	
5	UGC & EYC	22	100	22						36.00	8.89	2.47	
6	Sheetla	4	100	4						9.53	2.84	2.98	
	<b>Sub-Total</b>	<b>526</b>		<b>457</b>	<b>580</b>	<b>85</b>	<b>1.47</b>	<b>1179</b>	<b>76</b>	<b>0.65</b>	<b>911.70</b>	<b>86.40</b>	<b>0.95</b>
<b>B</b>	<b>From Central Sector Generating Stations</b>												
	<b>Thermal (NTPC)</b>												
1	Anta	419	27	115	779	249	3.19			849.00	331.23	3.90	
2	Auriya	663	36	238	1753	559	3.19			1769.00	737.91	4.17	
3	Dadri Thermal	840	10	84	672	207	3.07			641.90	265.55	4.14	
4	Dadri Gas	830	32	267	1972	617	3.13			1986.00	991.83	4.99	
5	Dadri St-II	980	15	151	587	205	3.49			1073.21	514.55	4.79	
6	Rihand-I	1000	38	380	2796	515	1.84			2828.00	737.47	2.61	
7	Rihand II	1000	35	350	2901	614	2.12			2523.94	730.42	2.89	
8	Singrauli	2000	43	862	6872	1241	1.81			6420.00	1420.30	2.21	
9	Tanda	440	100	440	3140	872	2.78			3276.00	1155.17	3.53	
10	Unchahar I	420	61	257	2030	496	2.44			1950.57	632.45	3.24	
11	Unchahar II	420	36	152	1215	305	2.51			1089.83	369.84	3.39	
12	Unchahar III	210	35	74	566	171	3.03			593.00	218.00	3.68	
13	Farakka	1600	2	33	235	78				251.24	122.96	4.89	
14	Kahalgaon	840	9	77	455	127	2.78			581.23	264.18	4.55	
15	Kahalgaon St.II Ph.I	1500	17	251	1402	473	3.37			1759.00	810.85	4.61	
16	Rihand St.III	1000	34	340						1522.67	433.96	2.85	
	<b>Sub-Total</b>	<b>14163</b>		<b>4072</b>	<b>27374</b>	<b>6727</b>	<b>2.46</b>	<b>26554</b>	<b>9068</b>	<b>3.41</b>	<b>29115</b>	<b>9737</b>	<b>3.34</b>
	<b>NPCIL</b>												
1	NAPP	440	37	162	595	122	2.05			595.65	128.92	2.16	
2	RAPP	400	20	80	541	114	2.11			541.38	143.43	2.65	
3	RAPP #5 & #6	440	25	110	670	203	3.02			670.12	214.72	3.20	
	<b>Sub-Total</b>	<b>1280</b>		<b>352</b>	<b>1806</b>	<b>438</b>	<b>2.43</b>	<b>2097</b>	<b>688</b>	<b>3.28</b>	<b>1807</b>	<b>487</b>	<b>2.70</b>
	<b>Hydro (NHPC)</b>												
1	Salal I & II	690	7	48	225	16.22	0.72			239.43	27.57	1.15	
2	Tanakpur	94	23	21	82	18.24	2.22			103.92	19.58	1.88	
3	Chamera	540	20	109	488	65.11	1.33			452.47	84.45	1.87	
4	Chamera II	300	27	82	395	121.43	3.07			458.83	154.63	3.37	
5	Chamera III	231	20	46	0	0.00	0.00			88.94	19.67	2.21	
6	Uri	480	20	96	607	89.41	1.47			534.20	113.31	2.12	
7	Dhauri Ganga	280	26	72	288	57.75	2.00			317.41	74.45	2.35	
8	Dulhasti	390	27	107	605	304.82	5.04			584.04	282.35	4.83	
9	Sewa-II	120	28	34	96	47.57	4.93			165.85	58.08	3.50	
10	Uri-II	240	20	48	0	0.00	0.00			209.67	69.61	3.32	
	<b>Sub-Total</b>	<b>3365</b>		<b>663</b>	<b>2788</b>	<b>720.53</b>	<b>2.58</b>	<b>2624</b>	<b>784</b>	<b>2.99</b>	<b>3155</b>	<b>904</b>	<b>2.86</b>
	<b>Total</b>												
<b>c</b>	<b>IPP/JV/Others</b>												
1	Nathpa Jhakri HPS	1500	18	276	1312	343	2.62	1362	367	2.70	1364.63	343.12	2.51

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2	VishnuPrayag	400	88	352	1757	442	2.52	1888	456	2.41	1774.42	426.14	2.40
3	Tala Power	1020	4	45	157	29	1.84				184.00	37.17	2.02
4	Tehri Hydro	1000	41	411	1276	610	4.78	1857	839	4.52	1241.00	615.64	4.96
5	Karcham-WT	1000	20	200							159.89	59.16	3.70
6	Koteshwar	400	39	170							342.22	173.89	5.08
7	IGSTPP, Jhajhjar	1500	7	100				78	44	5.70	700.80	342.69	4.89
8	Rosa Thermal Project	900	100	900	2567	851	3.31	3908	2007	5.13	5917.40	2772.14	4.68
9	Anpara'C'	1200	92	1100				1195	248	2.07	6263.40	2254.82	3.60
10	Bajaj Hindustan(5*90MW)	450	100	450				319	110	3.45	1971.00	845.56	4.29
11	Captive and Cogen				3402	1404	4.13	2855	1178	4.13	2158.31	928.07	4.30
12	Power purchased through Trading				1711	632	3.69	7734	3358	4.34	1819.00	818.55	4.50
13	Power drawn under UI				1624	796	4.90	2056	1133	5.51			
	PGCIL Charges					744			1181			1127	
	Rebate Against Power purchase					-94							
	Incentive from CGS against Power Purchase					-2							
	<b>Total Power Procurement (MU)</b>	<b>33802</b>		<b>14645</b>	<b>65271</b>	<b>18,686.59</b>	<b>2.86</b>	<b>73962</b>	<b>26307</b>	<b>3.56</b>	<b>83788</b>	<b>29972</b>	<b>3.58</b>