

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,280	MW
Hydro	1,877	MW
Distillate	0	MW
Total TNB	8,367	MW
Total IPP	10,853	MW
Total Co-Gen	81	MW
System Total	19,861	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:30		
TNB Generation	4,852	MW
IPP Generation	7,867	MW
Total Set On Bus	13,749	MW
Maximum Demand	12,868	MW
Spinning Reserve	949	MW
Net Energy	275,402	MWH
Load Factor	89.2	%

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	10796	10404	10065	9795	9505	9321	9631	9872	10255	11371	11838	12628	12672	12445	12664	12693	12776	12479	11649	11655	12767	12564	12248	12041

Gas Usage

Station	(mmscfd)
GLGR	58
PGPS	44
TJGS	223
TNB Total	325
KLPP	109
MPSS	32
PGLA	91
PLPS	105
SGB3	70
SKSP	38
YPGS	23
YPKA	113
IPP Total	580
Total Gas	906
Total Gas Required :	906
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	48,778.00	17.71 %
Gas	45,339.00	16.46 %
Hydro	11,830.00	4.30 %
Total TNB	105,947.0	38.47 %
ST-Coal	90,444.0	32.84 %
Gas	75,940.0	27.57 %
Total IPP	166,384.0	60.41 %
Co-Gen	2,173.0	0.79 %
Total Co-Gen	2,173.0	0.79 %
Total Generation	274,504.0	99.67 %
PLTG	-200.0	-0.07 %
HVDC	-698.0	-0.25 %
Interconnection	-898.0	-0.33 %
Net Energy	275,402.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	185
Hydro	191
Syncon	517
Thermal	8
Total	901

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
KNRG	HY03	29	29	29	30	28	30	30	31	30	29	30	30	30	30	29	30	30	30	29	29	29	29	29	30
KNYR	HY01	58	52	71	57	73	48	82	75	83	105	56	90	105	104	105	86	55	66	69	103	61	73	63	64
KNYR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LPIA	HY01	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
MNOR	HY01	7	7	7	7	7	3	3	3	3	3	3	3	3	3	3	3	3	5	5	7	7	7	7	7
PGAU	HY01	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	80	80	80	79	79	80	111	80
PGAU	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	112	24	32	153	81	20	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
SIHY	HY01	49	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	49	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	16	16	16	25	25
SYPS	HY02	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	41	36	44	40	44	33	46	44	45	50	39	45	49	53	50	46	38	45	46	46	44	45	44	44
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		429	394	297	179	201	160	230	219	208	236	172	327	259	272	390	294	191	190	193	228	184	345	596	
PCUF	CUFG	50	50	51	52	51	52	51	53	54	54	52	50	52	51	54	51	54	50	51	50	54	50	50	53
PCUF	CUFK	34	33	31	32	30	32	32	32	31	31	33	31	32	33	32	33	32	33	32	33	32	32	30	29
Total Co-Gen		84	83	82	84	81	84	83	85	85	85	81	84	85	83	87	84	86	83	83	82	86	80	79	
Total Gen		10823	10677	10395	10160	10012	9899	9676	9490	9445	9483	9266	9514	9466	9629	9803	9935	10283	10989	11377	11816	11804	12331	12606	
TIE-EGAT		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TIE-HVDC		-29	-29	-29	-28	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29
TIE-PLTG		57	46	21	34	-22	68	-89	-45	-30	-39	-25	-3	-135	-117	-38	-79	59	-23	36	-10	-4	-61	8	
Interconnection		27	16	-9	5	-53	38	-119	-75	-60	-69	-55	-33	-165	-149	-69	-109	28	-53	6	-40	-34	-91	-22	
System Total		10796	10661	10404	10155	10065	9861	9795	9565	9505	9552	9321	9547	9631	9778	9872	10044	10255	11042	11371	11856	11838	12422	12628	
SRev ST-Coal		47	6	14	17	20	12	245	298	318	331	312	314	304	304	322	309	307	137	19	16	273	14	8	
SRev ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		145	305	121	237	401	484	543	667	681	658	910	811	804	655	829	618	876	751	691	455	165	112	88	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		726	726	726	726	726	726	575	575	726	726	726	575	575	575	575	575	575	575	575	575	575	575	575	575
Hydro		110	120	92	110	88	129	210	221	81	53	117	113	181	168	50	146	249	99	96	61	105	169	294	
S.Reserve Total		1033	1162	958	1095	1240	1356	1578	1766	1811	1773	2070	1818	1869	1707	1781	1653	2012	1718	1537	1263	1274	1026	970	