

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	145 MW
Gas	3,546 MW
Hydro	1,780 MW
Distillate	0 MW
Total TNB	7,541 MW
Total IPP	10,735 MW
Total Co-Gen	87 MW
System Total	18,928 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30

TNB Generation	4,571 MW
IPP Generation	7,927 MW
Total Set On Bus	13,418 MW
Maximum Demand	12,700 MW
Spinning Reserve	833 MW
Net Energy	267,255 MWH
Load Factor	87.7 %

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	11332	10803	10377	10107	9894	9650	9729	9695	9528	10084	10860	11396	11657	11513	11740	11659	11746	11551	11386	11798	12467	12510	12334	12142

Gas Usage

Station	(mmscfd)
CBPS	34
GLGR	57
PAKA	43
PGPS	26
TJGS	108
TNB Total	267
KLPP	98
MPSS	55
PGLA	86
PLPS	114
SGB3	35
SKSP	29
YPGS	58
YPKA	129
IPP Total	603
Total Gas	870
Total Gas Required :	870
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	48,398.00	18.11 %
Gas	34,549.00	12.93 %
Hydro	8,790.00	3.29 %
Total TNB	91,737.0	34.33 %
ST-Coal	93,339.0	34.93 %
Gas	78,957.0	29.54 %
Total IPP	172,296.0	64.47 %
Co-Gen	2,226.0	0.83 %
Total Co-Gen	2,226.0	0.83 %
Total Generation	266,259.0	99.63 %
PLTG	-388.0	-0.15 %
HVDC	-608.0	-0.23 %
Interconnection	-996.0	-0.37 %
Net Energy	267,255.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	333
Hydro	85
Syncon	599
Thermal	32
Total	1049

Weather
Temperature

Morning	Sunny	27
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
BSIA	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY03	17	14	16	17	15	16	16	16	16	16	16	16	16	16	16	16	16	16	15	16	15	16	15	15
CEND	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
CEND	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
CEND	HY03	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
KNRG	HY01	33	24	31	34	28	32	32	32	32	30	31	32	32	25	32	31	32	32	32	32	31	26	30	28
KNYR	HY01	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	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
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	76	46	63	96	52	73	61	96	93	70	54	82	71	88	46	84	64	96	68	96	96	96	96	95
LPIA	HY01	11	9	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
LPIA	HY02	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MNOR	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
PGAU	HY01	-1	-1	-1	81	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY01	50	49	50	50	50	50	50	50	50	49	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SIHY	HY03	49	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SYPS	HY01	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	25	0	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	0	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	0	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	51	29	45	56	36	49	44	52	50	49	37	47	50	49	29	49	46	53	49	53	53	52	51	34
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
UPLA	HY02	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		426	247	302	432	278	317	300	343	338	336	282	323	316	355	264	288	264	304	272	304	285	246	339	173
PCUF	CUFG	51	52	51	51	51	51	50	52	51	52	52	51	51	51	50	49	49	48	48	48	49	48	48	50
PCUF	CUFK	38	39	41	40	39	38	38	37	38	38	37	38	38	37	36	33	30	32	30	29	29	30	29	29
Total Co-Gen		89	91	92	91	90	89	88	89	89	90	88	89	90	89	86	87	86	84	81	78	81	78	77	77
Total Gen		11355	11199	10818	10604	10486	10175	10054	9928	9824	9792	9680	9750	9735	9877	9860	9499	9467	9766	10060	10393	10777	11114	11353	11645
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		30	30	31	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28
TIE-PLTG		-7	163	-16	-19	138	-52	-24	-54	-41	-30	59	-32	35	-23	194	-63	-32	-61	5	-75	-54	-114	-14	
Interconnection		23	193	15	-48	109	-81	-53	-83	-70	-59	30	-61	6	-52	165	-92	-61	-90	-24	-104	-83	-143	-43	
System Total		11332	11006	10803	10652	10377	10256	10107	10011	9894	9851	9680	9811	9729	9929	9695	9591	9528	9856	10084	10497	10860	11257	11396	11660
SRev ST-Coal		24	20	20	190	198	321	319	326	448	440	457	446	455	458	464	474	483	443	320	172	5	8	24	
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		816	429	716	497	452	678	783	946	922	962	1001	984	982	1005	913	1234	1227	1123	919	763	528	388	574	
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	575	726	726	726	726	575	726	726	726	575	726	726	726	726	726	726	575	726	726	726	726

Daily MW Generation On Monday
17-Sep-2012

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																								
Hydro		101	155	100	121	124	85	102	59	64	217	120	79	86	198	138	114	138	98	130	98	218	56	64	119	106	83	114	192	186	58	68	57	72	113	94	111	69	106	29	178	62	48	80	92	148	245	104	138
S.Reserve Total		1667	1330	1562	1383	1500	1810	1930	2057	2160	2194	2304	2235	2249	2236	2241	2548	2574	2390	2095	1759	1326	1178	1287	1112	1143	1223	1258	1167	1136	1103	1156	1108	1048	1388	1411	1474	1513	1549	1125	1110	980	833	964	980	1070	1003	1092	1364