

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	4,376	MW
Hydro	1,829	MW
Distillate	0	MW
Total TNB	7,735	MW
Total IPP	11,689	MW
Total Co-Gen	83	MW
System Total	19,507	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 00:00		
TNB Generation	4,224	MW
IPP Generation	5,862	MW
Total Set On Bus	11,106	MW
Maximum Demand	10,225	MW
Spinning Reserve	937	MW
Net Energy	213,020	MWH
Load Factor	86.8	%

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	10225	9808	9317	8899	8640	8439	8452	8339	7825	7729	8057	8307	8390	8459	8663	8725	8734	8715	8699	8993	10073	10061	9967	9830

Gas Usage

Station	(mmscfd)
GLGR	63
PGPS	40
SRDG	12
TJGS	220
TNB Total	335
KLPP	119
PGLA	120
PLPS	121
SGB3	35
SKSP	58
YPGS	31
YPKA	94
IPP Total	577
Total Gas	913
Total Gas Required :	913
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	28,351.00	13.31 %
Gas	46,174.00	21.68 %
Hydro	11,081.00	5.20 %
Total TNB	85,606.0	40.19 %
ST-Coal	47,785.0	22.43 %
ST-Oil	268.0	0.13 %
Gas	77,166.0	36.22 %
Total IPP	125,219.0	58.78 %
Co-Gen	2,194.0	1.03 %
Total Co-Gen	2,194.0	1.03 %
Total Generation	213,019.0	100.00 %
PLTG	-733.0	-0.34 %
HVDC	732.0	0.34 %
Interconnection	-1.0	0.00 %
Net Energy	213,020.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	180
Hydro	66
Syncon	452
Thermal	324
Total	1021

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	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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	25	23	22	23	23	24	19	22	22	24	27	23	23	21	22	22	23	23	24	34	35	33	33	34
KNYR	HY01	96	-1	-1	-1	-1	-1	-1	-1	-1	98	97	97	-1	-1	-1	-1	-1	-1	97	97	97	62	-1	
KNYR	HY02	97	98	99	100	100	100	100	37	71	58	98	100	99	86	65	56	56	57	91	93	99	57	95	
KNYR	HY03	96	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KNYR	HY04	96	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	3	
PGAU	HY01	-1	-1	-1	-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	
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	30	80	80	-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	
SIHY	HY01	50	50	49	50	50	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY02	50	50	50	50	50	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY03	50	50	49	50	50	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY01	25	25	25	25	25	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY02	25	25	25	25	25	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY03	25	25	25	25	25	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY04	25	25	25	25	25	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY01	43	34	34	36	36	37	27	29	30	33	42	34	31	32	28	28	27	33	33	35	79	79	79	
TMGR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
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	
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	
Total Hydro		765	658	462	470	470	374	219	159	178	166	212	259	394	474	371	161	163	179	203	206	314	594	374	
PCUF	CUFG	52	52	52	52	52	52	53	52	53	52	52	51	51	51	50	49	49	49	50	49	49	48	49	
PCUF	CUFK	31	33	32	31	30	30	31	32	31	32	33	30	31	35	40	41	40	41	39	41	40	40	41	
Total Co-Gen		83	85	84	83	82	82	83	85	83	85	85	82	82	87	92	92	92	93	91	92	91	91	89	
Total Gen		10169	9999	9800	9518	9265	9016	8859	8745	8602	8493	8407	8324	8379	8456	8358	7981	7832	7721	7680	7820	7997	8292	8338	
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	
TIE-HVDC		31	30	30	32	32	30	30	31	31	30	32	31	31	30	30	30	30	30	31	31	30	30	30	
TIE-PLTG		-87	-74	-38	-60	-84	-127	-70	-61	-69	-62	-64	-111	-104	-57	-11	-62	-25	-25	-78	-53	-90	19	1	
Interconnection		-56	-44	-8	-28	-52	-97	-40	-30	-38	-32	-32	-80	-73	-27	19	-32	7	4	-49	-23	-60	49		
System Total		10225	10043	9808	9546	9317	9113	8899	8775	8640	8525	8439	8404	8452	8483	8339	8013	7825	7717	7729	7843	8057	8243	8307	
SRev ST-Coal		159	156	159	424	424	427	428	427	452	462	463	465	436	437	437	435	435	438	438	407	406	406	408	
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	
SRev CCGT-Gas		66	127	124	128	126	110	59	111	67	76	64	59	66	70	75	127	127	196	183	66	82	162		
SRev OCGT-Gas		-1	2	4	2	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	
Syncon		625	726	726	726	726	726	726	726	726	726	575	474	474	625	726	726	575	726	726	625	323	726	726	
Hydro		88	94	90	82	82	178	83	143	124	136	90	194	160	180	132	141	139	274	99	96	89	211	28	
S.Reserve Total		937	1105	1103	1362	1358	1441	1296	1407	1369	1400	1343	1293	1136	1161	1269	1429	1427	1483	1446	1295	1202	1102	1283	