

Availability At Daily Maximum Demand Hour

ST-Coal	1,290	MW
ST-Gas	0	MW
ST-Oil	70	MW
Gas	3,207	MW
Hydro	1,619	MW
Distillate	730	MW
Total TNB	6,916	MW
Total IPP	11,329	MW
Total Co-Gen	56	MW
System Total	18,301	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	4,985	MW
IPP Generation	9,604	MW
Total Set On Bus	15,462	MW
Maximum Demand	14,630	MW
Spinning Reserve	817	MW
Net Energy	305,143	MWH
Load Factor	86.9	%

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 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	12039	11592	10963	10691	10440	10406	10573	10645	11342	12733	13683	14255	14258	13777	14377	14598	14614	14139	13350	13497	14018	13766	13297	12580

Gas Usage

Station	(mmscfd)
CBPS	54
GLGR	58
PAKA	142
PGPS	1
SRDG	5
TJGS	50
TNB Total	311
KLPP	86
MPSS	45
PLPS	92
SGB3	76
SGRI	110
SKSP	49
YPGS	34
YPKA	141
IPP Total	634
Total Gas	944

Total Gas Required : 1,167
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	15
PKLG	101
SGB3	0
TJGS	107
Total	223

Generation Mix

Type	MWh	Percentage
ST-Coal	29,411.00	9.64 %
ST-Oil	1,394.00	0.46 %
Gas	39,547.00	12.96 %
Hydro	14,705.00	4.82 %
Distillate	16,221.00	5.32 %
Total TNB	101,278.0	33.19 %
ST-Coal	108,417.0	35.53 %
ST-Oil	9,913.0	3.25 %
Gas	84,543.0	27.71 %
Total IPP	202,873.0	66.48 %
Co-Gen	1,559.0	0.51 %
Total Co-Gen	1,559.0	0.51 %
Total Generation	305,710.0	100.19 %
PLTG	-154.0	-0.05 %
HVDC	721.0	0.24 %
Interconnection	567.0	0.19 %
Net Energy	305,143.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	254
Hydro	209
Syncon	382
Thermal	42
Total	886

	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		
SGRI	GT21	139	108	105	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	
SGRI	GT23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SGRI	ST24	72	61	64	62	62	62	62	63	63	64	64	65	65	64	64	62	62	72	73	135	151	128	148	132	148	
YPGS	GT12	108	108	107	107	107	107	107	107	107	108	108	108	108	107	107	108	108	107	107	107	107	107	107	107	107	
YPGS	ST10	69	69	69	69	69	69	69	68	68	68	68	68	68	68	68	68	68	69	69	70	70	69	69	69	69	
YPKA	BLK1	395	395	395	398	398	395	397	398	395	398	394	394	394	397	396	396	396	394	394	395	391	391	389	389	385	
YPKA	BLK2	399	401	400	400	402	402	398	400	401	398	402	398	399	399	401	400	400	398	400	400	396	396	395	395	390	
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	143	141	141	141	141	141	141	141	
PLPS	GT12	148	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	146	147	146	145	146	144	144	144	
PLPS	GT13	140	115	143	143	144	143	144	144	144	144	144	144	145	101	149	147	147	147	146	146	147	145	144	145	145	
PLPS	ST18	146	124	64	64	63	64	64	64	65	65	64	58	65	64	85	149	218	217	217	217	216	217	216	215	215	
SKSP	BLK1	323	221	296	248	269	251	251	233	217	216	215	211	258	254	214	310	237	349	254	294	282	342	339	336	296	
TJGS	GT1A	221	224	224	224	221	224	184	127	113	113	113	113	111	184	148	225	225	225	199	222	222	222	222	222	222	
TJGS	ST1C	118	118	118	118	118	100	85	71	71	71	71	71	71	98	87	115	118	118	118	115	119	119	119	119	119	
Total CCGT-Gas		4741	4268	4167	4013	3914	3682	3599	3513	3440	3507	3510	3521	3498	3537	3640	3600	3987	4677	5205	5544	6291	6235	6393	6353	6332	
SRDG	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total 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	0	
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	0	
BSIA	HY02	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
BSIA	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	0	
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
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	9	
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	9	
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
KNRG	HY01	23	24	25	22	25	23	21	21	24	22	26	24	29	16	22	23	22	23	15	37	37	37	36	35	35	35
KNRG	HY02	23	24	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KNRG	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	0	
KNYR	HY01	57	68	94	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	98	88	97	44	50	97	97	84	78	72	
KNYR	HY02	60	70	102	54	68	56	59	53	52	59	55	103	68	105	50	63	104	96	102	47	53	101	101	93	89	
KNYR	HY04	60	70	99	53	0	0	0	0	0	0	0	0	0	0	0	92	94	47	52	94	94	90	84	56		
LPIA	HY01	17	17	17	17	16	16	16	16	17	17	17	16	16	17	17	17	18	18	18	18	18	18	18	18	18	
LPIA	HY02	16	16	16	17	16	16	16	16	16	16	16	16	16	16	17	17	18	19	19	18	18	19	19	19	19	
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	6	6	6	6	5	7	7	7	7	7	7	7	7	7	7	
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	-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	-1	
PGAU	HY04	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
SIHY	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	0	
SIHY	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	0	
SIHY	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	0	
SYPS	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	0	
SYPS	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	0	
SYPS	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	0	
SYPS	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	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	-1	
TMGR	HY02	0	0	33	37	39	38	39	36	36	42	41	43	40	84	35	40	49	43	76	32	35	46	43	41	39	
TMGR	HY03	37	39	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	-1	
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	

