

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	3,951	MW
Hydro	1,704	MW
Distillate	60	MW
Total TNB	7,845	MW
Total IPP	11,942	MW
Total Co-Gen	77	MW
System Total	19,864	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	5,796 MW
IPP Generation	8,607 MW
Total Set On Bus	15,457 MW
Maximum Demand	14,517 MW
Spinning Reserve	977 MW
Net Energy	297,039 MWH
Load Factor	85.3 %

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	11071	10516	10259	9886	9657	9630	9903	10211	10786	12576	13345	14057	14063	13688	14256	14478	14467	14180	13203	12923	13677	13457	12958	12518

Gas Usage

Station	(mmscfd)
CBPS	40
GLGR	55
PAKA	102
PGPS	52
SRDG	7
TJGS	152
TNB Total	409
KLPP	98
MPSS	27
PGLA	103
PLPS	100
SGB3	74
SGRI	44
SKSP	48
YPGS	7
YPKA	128
IPP Total	628
Total Gas	1,037
Total Gas Required :	1,037
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	46,780.00	15.75 %
Gas	53,888.00	18.14 %
Hydro	15,365.00	5.17 %
Total TNB	116,033.0	39.06 %
ST-Coal	94,562.0	31.83 %
ST-Oil	75.0	0.03 %
Gas	83,860.0	28.23 %
Total IPP	178,497.0	60.09 %
Co-Gen	2,153.0	0.72 %
Total Co-Gen	2,153.0	0.72 %
Total Generation	296,683.0	99.88 %
PLTG	257.0	0.09 %
HVDC	-613.0	-0.21 %
Interconnection	-356.0	-0.12 %
Net Energy	297,039.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	344
Hydro	127
Syncon	447
Thermal	35
Total	952

Weather Temperature

Weather	Temperature
Morning	Rainy 26
Afternoon	Hot 37

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																												
YPKA	BLK2	286	291	291	291	291	290	290	291	291	334	349	395	395	394	394	394	389	389	390	390	389	389	388	388	387	387	387	387	386	388	388	389	389	389	389	391	391	391	391	393	393	393	393									
PLPS	GT11	106	106	71	70	70	70	70	70	70	70	71	70	71	71	141	139	138	138	138	138	136	135	134	134	133	133	136	136	136	136	136	136	136	136	136	136	137	137	138	139	139	139	139	140								
PLPS	GT12	109	109	73	74	73	74	74	74	73	74	74	74	74	146	146	144	144	144	144	143	142	141	141	140	140	141	143	142	142	141	141	142	141	141	142	141	143	143	143	145	145	145	145	145	145	145						
PLPS	GT13	101	103	70	68	69	68	68	68	68	68	67	67	67	67	145	143	143	143	143	141	141	141	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	141	141	141	141	141	141	144	144						
PLPS	ST18	193	193	176	154	154	154	154	154	155	154	155	153	154	154	154	154	154	154	153	215	215	215	214	214	215	215	214	214	214	214	213	214	213	214	213	214	213	213	214	215	215	215	215	215	215	215						
SKSP	BLK1	247	215	226	247	213	215	214	216	230	214	216	250	251	260	257	213	260	243	304	331	341	339	337	339	309	309	339	338	339	336	329	338	337	337	336	323	302	263	273	335	304	298	312	337	299	317	339	240				
TJGS	GT1B	222	222	175	120	114	114	114	113	113	116	116	115	115	115	115	115	115	115	115	221	226	226	226	226	222	222	222	222	222	222	222	222	221	221	221	221	221	222	225	225	225	225	225	225	225	225	225	225	225			
TJGS	ST1C	123	123	107	81	76	76	76	76	76	76	73	73	73	73	73	73	73	73	73	115	121	121	121	121	121	121	121	121	121	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122			
TJGS	GT2A	215	216	217	193	184	184	183	185	191	188	190	203	219	219	210	186	220	220	220	220	219	219	218	216	215	217	216	215	215	215	214	215	215	215	215	216	216	216	215	216	218	217	218	217	219	219	219	218				
TJGS	GT2B	217	217	217	190	178	179	177	180	184	179	186	200	214	215	205	181	219	219	219	217	217	217	214	214	214	214	214	212	212	213	213	213	213	213	213	213	215	215	215	215	215	215	215	215	217	217	215	218				
TJGS	ST2C	265	264	264	250	241	241	240	240	245	240	241	252	253	265	252	280	258	265	267	266	265	265	264	264	264	264	264	261	261	263	263	263	263	263	263	264	263	263	264	264	264	264	264	264	264	264	264	264	264			
Total CCGT-Gas		5076	4883	4550	4314	4165	4118	4095	4127	4243	4167	4194	4338	4431	4560	4582	4502	4793	5338	6038	6301	6564	6736	6890	6854	6777	6547	6439	6460	6882	6890	6846	6906	6903	6917	6916	6695	6397	6201	6205	6419	6602	6557	6450	6165	5916	5827	5412	5194				
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	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	GT03	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	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	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 CCGT-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	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	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	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	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	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	0	
CEND	HY01	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	
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	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	7		
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	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	HY02	37	37	37	38	37	37	38	38	37	37	37	38	38	38	38	38	38	38	38	38	23	22	22	22	24	24	36	37	37	23	24	23	23	23	23	23	23	23	24	24	24	23	23	23	23	23	24	23	23	24	24	
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	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	0	
KNYR	HY01	102	103	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
KNYR	HY02	100	101	102	105	102	62	60	60	63	63	66	69	74	106	105	102	100	100	99	99	101	101	100	99	99	100	102	99	102	99	99	100	101	99	99	100	62	61	101	98	99	100	101	101	103	100	101	103	100	101	102	102
KNYR	HY03	101	102	102	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	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	102	103	103	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LPIA	HY01	15	15	15	15	15	15	19	16	16	13	13	13	13	11	11	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	0	0	0	0	0	0	0	0	0	0	0	
LPIA	HY02	17	17	17	17	17	17	17	17	17	17	17	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
MNOR	HY01	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
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	-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	-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	HY03	0	0																																																		

