

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	3,821	MW
Hydro	1,707	MW
Distillate	700	MW
Total TNB	7,608	MW
Total IPP	11,127	MW
Total Co-Gen	42	MW
System Total	18,777	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00

TNB Generation	5,697	MW
IPP Generation	9,318	MW
Total Set On Bus	16,049	MW
Maximum Demand	15,136	MW
Spinning Reserve	992	MW
Net Energy	310,874	MWH
Load Factor	85.6	%

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	12113	11316	11175	10683	10453	10468	10639	10815	11167	13000	13978	14642	14589	14222	14717	15049	15136	14764	13595	13228	14227	14163	13650	13163

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	57
PAKA	133
PGPS	50
SRDG	9
TJGS	132
TNB Total	439
KLPP	49
MPSS	54
PGLA	86
PLPS	117
SGB3	61
SGRI	120
SKSP	55
YPKA	69
IPP Total	611
Total Gas	1,050

Alternate Fuel Usage

Station	(mmscfd)
KLPP	45
PKLG	123
SGB3	22
SGRI	13
TJGS	71
Total	274

Generation Mix

Type	MWh	Percentage
ST-Coal	32,947.00	10.60 %
Gas	56,528.00	18.18 %
Hydro	16,249.00	5.23 %
Distillate	10,062.00	3.24 %
Total TNB	115,786.0	37.25 %
ST-Coal	93,192.0	29.98 %
ST-Oil	12,019.0	3.87 %
Gas	78,685.0	25.31 %
Distillate	10,156.0	3.27 %
Total IPP	194,052.0	62.42 %
Co-Gen	1,298.0	0.42 %
Total Co-Gen	1,298.0	0.42 %
Total Generation	311,136.0	100.08 %
PLTG	82.0	0.03 %
HVDC	180.0	0.06 %
Interconnection	262.0	0.08 %
Net Energy	310,874.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	340
Hydro	137
Syncon	441
Thermal	13
Total	931

Weather Temperature

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																													
SGRI	GT22	0	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	GT23	105	105	106	106	106	106	106	106	106	106	106	106	107	107	125	133	109	130	132	132	131	117	124	128	127	130	130	130	130	130	130	130	130	130	130	130	130	129	129	111	106	132	132										
SGRI	ST24	65	65	64	64	64	63	63	64	64	65	65	64	64	61	66	62	65	113	125	193	209	210	210	210	203	205	209	209	213	213	215	210	208	209	191	128	72	72	72	70	70	71	71	67	62	72	72						
YPKA	BLK1	209	211	211	202	202	203	203	204	204	204	203	203	204	204	203	203	203	201	201	200	200	200	200	200	200	200	198	198	199	199	199	199	199	199	199	199	199	199	199	199	200	200	202	202	203	203	203	203	202				
YPKA	BLK2	181	180	180	189	189	191	191	191	191	191	191	189	189	191	191	189	189	190	190	188	188	186	186	186	186	186	186	186	185	185	185	185	185	185	185	185	185	185	185	186	186	186	186	186	189	189	189	189	189	189	189		
PLPS	GT11	144	143	143	143	144	105	106	106	105	71	71	71	69	71	70	70	143	143	141	141	140	139	141	142	142	142	140	143	142	143	143	139	141	141	139	140	139	142	145	145	143	143	141	141	143	143	142	143	142	143			
PLPS	GT12	147	147	147	146	149	109	109	109	109	75	74	73	74	72	75	73	75	148	146	146	145	144	144	146	148	148	147	145	147	147	146	147	146	146	145	145	145	145	145	148	147	147	147	148	147	147	148	147	147	148			
PLPS	GT13	147	145	147	147	147	107	108	108	106	95	66	69	68	107	108	106	109	147	144	144	144	143	143	145	145	145	145	145	145	145	146	143	143	143	143	143	143	143	143	142	142	145	148	148	146	145	144	145	145	145	146	147	
PLPS	ST18	214	215	214	214	214	193	191	193	193	170	153	153	152	168	167	170	170	215	215	214	213	213	213	212	213	213	213	211	213	212	213	213	213	213	213	213	213	213	213	213	213	213	213	214	214	215	214	216	215				
TKSP	BLK1	326	240	212	255	246	215	232	221	222	257	211	244	319	332	281	213	345	343	337	341	299	342	339	337	338	309	272	336	338	335	334	332	334	341	337	337	338	335	338	337	342	338	344	340	338	342	266	326					
TJGS	GT1A	232	213	216	197	183	179	161	120	111	111	111	111	111	126	126	220	229	229	229	229	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226			
TJGS	GT1B	224	201	204	187	167	167	149	110	99	99	99	99	99	117	113	113	211	219	219	219	219	219	219	219	219	219	219	219	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	211	198	183	183	143	140			
TJGS	ST1C	256	247	236	221	207	207	193	178	149	149	146	146	146	165	165	165	222	249	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
TJGS	GT2A	223	223	205	186	166	165	146	126	126	126	126	125	146	143	146	181	220	198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2B	215	215	200	181	160	159	141	119	119	121	120	121	119	140	141	139	178	213	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	ST2C	260	259	248	236	226	226	215	205	205	205	205	206	205	216	216	216	238	261	245	0	0	0	0	0	0	0	0	0	0	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		5816	5662	5380	5193	4969	4800	4716	4560	4505	4439	4345	4382	4448	4628	4560	4515	5029	5921	6230	6125	6464	6659	6676	6672	6684	6590	6554	6662	6632	6632	6633	6639	6629	6616	6614	6397	5954	5721	5681	6068	6220	6197	6185	6052	5799	5603	5491	5062					
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	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	0	0	0
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	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	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	0	0
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	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	HY03	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	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	7	7	
KNRG	HY01	20	23	21	24	23	22	22	20	23	24	22	24	24	22	22	23	21	27	24	39	38	39	26	39	38	39	39	39	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
KNRG	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	0	0	0	0	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	54	0	0	0	0	0	0	0	0	0	77	98	98	84	72	98	95	99	99	99	98	99	98	99	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
KNYR	HY02	53	85	59	102	101	69	69	55	58	102	63	95	76	68	98	99	94	102	101	101	98	102	101	101	98	102	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	
KNYR	HY03	53	59	54	61	101	63	98	56	59	99	64	99	102	71	97	99	81	102	96	96	93	98	100	96																													

