

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,717 MW
Hydro	1,789 MW
Distillate	0 MW
Total TNB	6,956 MW
Total IPP	10,364 MW
Total Co-Gen	48 MW
System Total	17,368 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	5,063 MW
IPP Generation	9,809 MW
Total Set On Bus	16,048 MW
Maximum Demand	14,898 MW
Spinning Reserve	1,128 MW
Net Energy	312,897 MWH
Load Factor	87.5 %

Maximum Demand Record

Date :	13/05/2013	16,562.0MW
Date :	25/06/2013	345,254.0MWH

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	12630	11971	11711	11440	11203	11003	11217	11286	11589	13164	13938	14576	14746	14207	14434	14887	14898	14488	13340	13119	13963	13604	13077	12708

Gas Usage

Station	(mmscfd)
CBPS	60
GLGR	31
PAKA	106
PGPS	64
SRDG	67
TJGS	113
TNB Total	441
KLPP	125
MPSS	59
PDPS	29
PGLA	115
PKLG	20
PLPS	103
PTEK	21
SGB3	78
SGRI	190
SKSP	56
YPKA	133
IPP Total	930
Total Gas	1,371
Total Gas Required :	1,525
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	138
SGB3	7
SGRI	8
Total	153

Generation Mix

Type	MWh	Percentage
ST-Coal	32,968.00	10.54 %
ST-Gas	796.00	0.25 %
Gas	52,758.00	16.86 %
Hydro	17,148.00	5.48 %
Total TNB	103,670.0	33.13 %
ST-Coal	73,652.0	23.54 %
ST-Gas	625.0	0.20 %
ST-Oil	13,615.0	4.35 %
Gas	118,920.0	38.01 %
Distillate	1,895.0	0.61 %
Total IPP	208,707.0	66.70 %
Co-Gen	1,442.0	0.46 %
Total Co-Gen	1,442.0	0.46 %
Total Generation	313,819.0	100.29 %
PLTG	193.0	0.06 %
HVDC	729.0	0.23 %
Interconnection	922.0	0.29 %
Net Energy	312,897.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	335
Hydro	157
Syncon	381
Thermal	113
Total	986

Weather Temperature

Weather	Temperature
Morning	Cloudy 24
Afternoon	Cloudy 31

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	134	134	134	134	111	108	109	58	59	59	58	58	59	59	59	59	59	59	59	59	59	59	59	59	59	
SGRI	GT22	138	138	138	138	111	111	96	61	60	60	60	60	61	61	104	137	139	139	136	136	135	135	135	135	135	
SGRI	GT23	0	0	0	0	58	58	58	56	56	56	56	57	57	57	99	135	134	134	132	132	131	131	131	131	131	
SGRI	ST24	210	212	208	209	174	172	172	140	142	143	142	144	143	142	140	167	220	217	214	223	218	216	219	219	219	
YPKA	BLK1	371	371	372	372	372	372	373	373	372	374	373	373	373	373	373	375	369	369	367	367	364	364	364	364	364	
YPKA	BLK2	378	378	378	378	380	380	381	381	380	380	380	380	380	380	380	383	376	369	374	374	371	371	371	371	371	
PLPS	GT11	140	140	106	105	106	105	66	66	65	65	66	66	63	142	105	105	144	141	139	139	142	141	140	140	140	
PLPS	GT12	146	69	0	0	0	0	0	0	0	0	0	0	0	0	0	76	145	143	142	142	141	142	141	145	141	
PLPS	GT13	143	143	110	111	111	111	64	65	63	64	64	63	144	110	111	143	142	141	142	145	144	142	144	143	143	
PLPS	ST18	214	193	130	130	131	132	96	96	96	96	96	95	96	149	134	135	152	175	214	212	211	216	214	216	215	
SKSP	BLK1	301	329	311	338	338	312	294	257	331	256	251	340	342	341	312	212	222	221	255	309	339	335	337	333	309	
TJGS	GT1A	226	229	229	226	226	227	229	229	228	229	225	228	228	228	194	225	228	225	225	226	222	222	222	222	222	
TJGS	GT1B	222	222	222	222	222	222	222	222	222	222	222	222	222	222	188	218	222	222	222	218	218	218	218	218	218	
TJGS	ST1C	258	258	258	258	258	258	258	258	258	258	258	258	258	258	223	249	257	257	257	257	257	257	257	257	257	
Total CCGT-Gas		6992	6735	6351	6334	6271	6113	5896	5618	5576	5489	5489	5583	5665	5880	5859	5588	6228	6882	7138	7258	7307	7325	7314	7329	7304	
PDPS	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	
PDPS	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PDPS	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	
PDPS	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	
PKLG	GT08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100
PKLG	GT09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	97	102	104	104	104	104	104	104	104	104
PTEK	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	105	104	104	105	105	104	105	104	
PTEK	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PTEK	GT2B	0	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	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	103	103	99	99	97	98	98	97	97	
SRDG	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	72	96	99	97	100	75	100	93		
SRDG	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119	102	126	129	126	126	102	125	121		
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	106	106	106	107	108	102	105	105		
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132	102	123	130	130	125	97	128	124		
Total OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	444	792	865	1200	1194	1295	1213	1293	1279	1295	
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	22	22	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	20	20	21	12	11	11	10	11	12	10	11	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
CEND	HY01	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	
CEND	HY02	10	9	10	10	9	9	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	
KNRG	HY01	20	22	21	25	24	24	21	23	26	21	24	25	24	25	20	20	24	38	36	37	37	37	36	37	36	
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	
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	96	101	97	102	102	102	99	101	101	100	101	101	101	96	99	94	83	101	98	101	100	101	101	98	101	
KNYR	HY02	94	98	95	103	102	100	97	99	102	98	101	102	102	93	97	92	100	102	96	101	99	102	102	97	102	
KNYR	HY03	98	0	0	0	0	0	95	95	95	95	95	95	95	95	95	96	100	98	100	100	100	98	100	98	100	
KNYR	HY04	95	100	97	102	102	102	99	101	101	99	101	101	101	95	99	94	101	101	98	101	100	101	97	101	96	
LPIA	HY01	21	21	20	21	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
PGAU	HY01	0	0	25	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	HY02	18	-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	-1	
PGAU	HY04	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Daily MW Generation On Friday

30-Aug-2013

Table with columns for Station, Unit, and 24 hourly periods (0000-2300). Rows include various power generation units such as SIHY, SYPS, TMGR, UPIA, SGB3, SGRI, PCUF, TIE-EGAT, etc., and summary rows like System Total and S.Reserve Total.