

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	2,926	MW
Hydro	1,833	MW
Distillate	960	MW
Total TNB	7,239	MW
Total IPP	10,782	MW
Total Co-Gen	58	MW
System Total	18,079	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30

TNB Generation	5,243	MW
IPP Generation	9,228	MW
Total Set On Bus	15,655	MW
Maximum Demand	14,488	MW
Spinning Reserve	1,126	MW
Net Energy	300,706	MWH
Load Factor	86.5	%

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	11524	10897	10467	10104	10034	10020	10146	10431	11146	13013	13788	14334	14416	13913	14261	14418	14417	14102	13253	13596	13852	13398	12896	12496

Gas Usage

Station	(mmscfd)
CBPS	50
GLGR	63
PAKA	73
TJGS	131
TNB Total	317
KLPP	71
MPSS	62
PGLA	52
PLPS	110
SGB3	60
SGRI	104
SKSP	57
YPGS	54
YPKA	105
IPP Total	675
Total Gas	992

Total Gas Required : 1,247
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	22
PDPS	13
PKLG	68
PLPS	6
PTEK	5
SGB3	19
SGRI	31
SRDG	20
TJGS	71
Total	255

Generation Mix

Type	MWh	Percentage
ST-Coal	32,478.00	10.80 %
Gas	40,779.00	13.56 %
Hydro	15,174.00	5.05 %
Distillate	11,663.00	3.88 %
Total TNB	100,094.0	33.29 %
ST-Coal	94,272.0	31.35 %
ST-Oil	6,706.0	2.23 %
Gas	87,601.0	29.13 %
Distillate	11,305.0	3.76 %
Total IPP	199,884.0	66.47 %
Co-Gen	1,566.0	0.52 %
Total Co-Gen	1,566.0	0.52 %
Total Generation	301,544.0	100.28 %
PLTG	199.0	0.07 %
HVDC	639.0	0.21 %
Interconnection	838.0	0.28 %
Net Energy	300,706.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	407
Hydro	136
Syncon	416
Thermal	18
Total	976

	Weather	Temperature
Morning	Rainy	23
Afternoon	Cloudy	30

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	GT12	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	GT21	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	
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	
PLPS	GT12	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	GT2A	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	116	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	ST2C	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 Distillate		116	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCUF	CUFG	18	18	18	18	18	17	18	18	19	18	18	17	18	18	18	18	17	17	18	18	19	18	19	18	
PCUF	CUFK	40	43	40	40	42	41	40	41	42	41	41	41	40	41	41	39	40	41	40	40	39	41	40	41	
Total Co-Gen		58	61	58	58	60	59	57	59	60	59	59	58	58	59	56	59	59	58	57	58	57	59	57		
Total Gen		11542	10939	10839	10787	10516	10532	10242	10143	10083	10115	10091	10040	10132	10367	10449	10722	11164	12342	12982	13585	13887	14162	14410		
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	0	
TIE-HVDC		-29	-29	-29	31	31	30	30	31	31	31	31	30	30	30	30	30	30	30	30	30	30	31	30	30	
TIE-PLTG		47	-207	-29	137	18	101	108	-43	18	4	40	56	-44	-45	-12	63	-13	-11	-62	-16	68	-73	46	11	
Interconnection		18	-236	-58	168	49	131	138	-12	49	35	71	86	-14	-15	18	94	18	20	-31	15	99	-43	76	41	
System Total		11524	11175	10897	10619	10467	10401	10104	10155	10034	10080	10020	9954	10146	10382	10431	10628	11146	12322	13013	13570	13788	14205	14334		
SRev ST-Coal		81	59	7	15	75	153	175	153	170	158	154	161	158	140	165	168	15	12	10	59	64	32	59	54	
SRev ST-Oil		3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		487	453	164	171	489	535	641	678	720	786	806	840	765	532	483	1142	1519	901	537	332	327	367	479	527	
SRev 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
SRev Distillate		114	220	0	0	0	0	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	0	0
Syncon		625	625	474	625	625	474	474	625	625	625	625	625	625	474	625	323	323	172	172	172	172	172	172	172	625
Hydro		105	108	217	103	77	76	256	81	83	87	94	105	90	105	88	236	76	289	258	314	271	161	208	268	
S.Reserve Total		1415	1568	865	917	1319	1261	1549	1640	1701	1759	1782	1833	1740	1505	1464	2036	2251	1636	1334	985	1038	1020	1022	1126	

Daily MW Generation On Monday

19-Nov-2012

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
---------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------