

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	3,965 MW
Hydro	1,877 MW
Distillate	0 MW
Total TNB	7,362 MW
Total IPP	11,315 MW
Total Co-Gen	82 MW
System Total	19,319 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00	
TNB Generation	3,636 MW
IPP Generation	8,232 MW
Total Set On Bus	12,974 MW
Maximum Demand	12,003 MW
Spinning Reserve	1,024 MW
Net Energy	259,687 MWH
Load Factor	90.1 %

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	11786	11238	10815	10349	10079	9905	9814	9905	9457	9978	10681	11081	11076	10937	11098	11047	11086	10960	10751	10761	12003	11947	11622	11393

Gas Usage

Station	(mmscfd)
CBPS	1
GLGR	31
PAKA	16
PGPS	32
TJGS	211
TNB Total	292
KLPP	103
MPSS	54
PGLA	111
PLPS	103
SGB3	54
SKSP	56
YPGS	35
YPKA	134
IPP Total	649
Total Gas	940
Total Gas Required :	940
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,695.00	12.59 %
Gas	40,356.00	15.54 %
Hydro	6,537.00	2.52 %
Total TNB	79,588.0	30.65 %
ST-Coal	92,020.0	35.43 %
ST-Gas	89.0	0.03 %
Gas	85,194.0	32.81 %
Total IPP	177,303.0	68.28 %
Co-Gen	2,176.0	0.84 %
Total Co-Gen	2,176.0	0.84 %
Total Generation	259,067.0	99.76 %
PLTG	75.0	0.03 %
HVDC	-695.0	-0.27 %
Interconnection	-620.0	-0.24 %
Net Energy	259,687.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	284
Hydro	103
Syncon	563
Thermal	34
Total	984

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	33

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																										
TJGS	GT2A	211	210	209	210	164	164	165	164	164	164	163	164	165	161	164	164	163	163	210	209	208	208	207	207	208	207	206	206	206	206	206	206	206	206	207	207	206	206	208	207										
TJGS	GT2B	216	216	216	216	159	162	161	161	161	161	161	160	160	161	161	162	217	217	215	215	215	213	215	215	212	212	212	212	212	212	212	212	212	212	212	212	214	214	214	214	214	214	214	214	214	214				
TJGS	ST2C	260	259	259	259	229	227	226	226	226	226	226	226	226	226	226	226	255	259	259	259	258	257	259	259	259	258	258	258	258	258	258	258	258	258	227	227	247	258	259	258	259	258	258	259	259					
Total CCGT-Gas		6188	5721	5557	5338	5068	4871	4803	4702	4557	4525	4479	4516	4457	4519	4543	4142	4043	4310	4554	4850	5053	5267	5407	5487	5415	5357	5325	5317	5405	5438	5302	5393	5337	5341	5272	5185	5075	5125	5285	5521	6041	6067	6076	6003	5964	6151	6089	6138		
BSIA	HY03	14	15	15	15	14	14	14	14	15	14	14	14	15	14	14	13	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13		
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	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	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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
KNRG	HY03	29	30	30	30	29	30	30	30	29	29	30	30	31	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
KNYR	HY02	49	65	60	57	59	58	57	58	85	59	58	56	57	74	59	58	69	73	64	63	65	61	59	60	58	59	58	60	58	58	57	61	58	59	60	57	62	67	57	63	64	59	57	55	57	62	57	67	67	
KNYR	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
LPIA	HY01	24	24	24	24	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	23	24	23	23	21	19	19	20	20	20	20	20		
MNOR	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	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
PGAU	HY03	-1	-1	-1	-1	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
PGAU	HY04	-1	83	-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		
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	0	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	0	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	0	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	0	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	0	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	0	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	0	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	-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	23	33	33	31	29	29	31	29	34	32	31	34	32	31	35	37	37	36	39	35	33	33	33	33	32	34	32	32	31	35	32	32	33	32	36	40	31	37	38	33	31	39	42	46	42	50	50	50		
TMGR	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	-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	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
UPIA	HY02	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Total Hydro		164	276	187	182	180	201	181	180	213	184	181	179	181	203	184	202	198	204	194	191	198	189	184	206	183	184	182	207	233	233	280	291	283	283	207	180	191	199	191	438	441	431	427	731	545	557	567	602		
PCUF	CUFK	32	34	34	34	35	35	35	35	35	35	35	36	35	36	36	36	36	37	37	35	33	33	33	31	31	31	31	31	29	29	29	30	31	30	30	33	33	32	32	31	33	33	33	34	34	34	35	35		
Total Co-Gen		82	85	85	84	86	86	86	86	86	86	88	86	86	86	87	88	88	84	84	83	81	81	79	80	80	81	78	78	78	80	80	79	79	83	83	82	81	82	83	82	84	83	84	83	84	85	85			
Total Gen		11829	11472	11213	10997	10736	10560	10274	10165	10064	9937	9869	9812	9771	9843	9852	9472	9371	9643	9952	10289	10572	10929	11069	11164	11067	11014	10975	10996	11109	11146	11050	11148	11096	11102	10960	10842	10739	10645	10793	11433	11950	11959	11954	11816	11607	11606	11409	11352		
TIB-EGAT		0	0	0																																															

Daily MW Generation On Saturday
09-Feb-2013

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																								
Hydro		134	173	111	116	118	248	117	118	85	114	117	119	117	95	114	247	100	94	104	107	100	109	114	243	115	114	116	242	116	116	119	108	116	116	243	119	107	99	127	106	116	120	117	152	140	281	246	
S.Reserve Total		1182	1273	1434	1645	1655	1646	1831	1937	2044	2174	2234	2297	2334	2256	2252	2631	2733	2463	2153	1818	1527	1172	1129	1029	1125	1178	1212	1193	1129	1093	1237	1138	1197	1192	1377	1489	1813	2008	1948	1438	1024	1063	1078	989	1221	1102	1151	1057