

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	3,071	MW
Hydro	1,833	MW
Distillate	0	MW
Total TNB	7,114	MW
Total IPP	10,362	MW
Total Co-Gen	47	MW
System Total	17,803	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00		
TNB Generation	4,586	MW
IPP Generation	7,570	MW
Total Set On Bus	13,236	MW
Maximum Demand	12,279	MW
Spinning Reserve	1,033	MW
Net Energy	262,348	MWH
Load Factor	89.0	%

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	11929	11451	11006	10520	10253	10106	9868	9927	9407	9880	10420	10967	11046	10927	11166	11242	11167	11182	10797	11318	12279	12193	12056	11711

Gas Usage

Station	(mmscfd)
CBPS	28
GLGR	58
PAKA	44
PGPS	53
SRDG	9
TJGS	106
TNB Total	298
KLPP	74
MPSS	55
PGLA	86
PLPS	117
SGB3	49
SGRI	36
SKSP	54
YPKA	93
IPP Total	563
Total Gas	861
Total Gas Required :	861
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	48,428.00	18.46 %
Gas	38,472.00	14.66 %
Hydro	7,314.00	2.79 %
Total TNB	94,214.0	35.91 %
ST-Coal	93,491.0	35.64 %
ST-Oil	103.0	0.04 %
Gas	72,733.0	27.72 %
Total IPP	166,327.0	63.40 %
Co-Gen	1,401.0	0.53 %
Total Co-Gen	1,401.0	0.53 %
Total Generation	261,942.0	99.85 %
PLTG	127.0	0.05 %
HVDC	-533.0	-0.20 %
Interconnection	-406.0	-0.15 %
Net Energy	262,348.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	243
Hydro	134
Syncon	505
Thermal	5
Total	888

Weather Temperature

Weather	Temperature
Morning	Sunny 28
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																										
Total CCGT-Gas		5543	5297	5057	4679	4597	4227	4136	4070	4139	4002	4120	4220	4091	4218	4196	3770	3693	3978	4007	4135	4179	4413	4513	4655	4606	4522	4477	4576	4504	4590	4711	4758	4828	4866	4796	4658	4606	4643	4971	5229	5243	5243	5234	5241	5159	5204	5253	5275		
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	129	129	130	131	107	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	139	141	143	144	144	145	135	0	0	
Total 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	139	270	272	274	275	252	135	0	0		
BSIA	HY01	11	11	11	11	12	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		
CEND	HY02	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	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		
KNRG	HY01	38	38	38	37	39	36	38	36	38	37	38	38	36	37	36	36	36	37	36	37	36	21	21	21	21	21	21	23	19	18	20	19	19	20	22	22	18	19	23	25	23	23	24	23	20	20	22	25		
KNYR	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			
KNYR	HY02	61	63	67	61	69	58	63	55	66	60	64	64	54	61	60	54	58	61	61	61	54	59	62	60	60	61	59	64	57	54	58	55	56	59	60	59	52	51	61	68	64	62	69	63	57	59	59	67		
LPIA	HY02	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25		
MNOR	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
PGAU	HY01	0	-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	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	-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	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		
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
SYSP	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
SYSP	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
SYSP	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
SYSP	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	32	33	37	32	39	30	34	28	37	31	35	35	26	32	32	29	32	35	35	35	27	33	35	34	34	35	33	38	31	29	32	29	30	32	33	34	27	30	35	41	37	36	42	37	31	33	34	41		
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	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		272	193	203	190	208	184	195	179	201	188	218	428	176	190	189	179	187	193	192	194	332	327	332	328	328	330	326	337	573	567	445	290	262	291	271	209	186	189	208	681	590	567	532	519	438	423	325	192		
PCUF	CUFG	18	18	18	19	18	18	18	18	19	19	18	19	18	19	20	20	19	18	18	17	17	16	16	16	16	17	17	17	16	16	14	14	15	17	15	15	15	15	15	14	15	16	15	15	14	14	14	15		
PCUF	CUFK	39	41	39	41	40	41	39	39	41	41	39	39	39	40	40	39	37	38	36	37	34	36	33	34	32	30	31	31	31	30	31	32	31	31	32	32	32	32	32	32	32	32	33	33	33	35	34			
Total Co-Gen		57	59	57	60	58	59	57	57	59	60	58	59	58	57	58	59	60	59	57	55	55	53	53	50	52	49	51	49	47	47	47	45	44	46	49	46	46	47	47	46	47	46	47	48	47	48	47	47	49	49
Total Gen		11902	11616	11376	10996	10921	10529	10431	10196	10164	10010	10068	10330	9929	9951	9934	9457	9364	9627	9865	10129	10454	10836	10953	11110	11046	10966	10921	11033	11188	11273	11268	11153	11201	11259	11171	10988	10895	10947	11288	12167	12203	12184	12151	12163	11999	11933	11759	11679		
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	0	0	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	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		2	-33	-47	-36	-56	-9	-60	60	-60	5	-9	-46	92	-59	35	77	-14	46	14	13	63	20	15	40	29	4</																								

Daily MW Generation On Sunday

30-Dec-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																								
Syncon		575	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726																							
Hydro		166	94	90	103	85	109	98	114	92	105	226	167	117	103	104	114	106	100	101	99	112	117	112	116	116	113	117	106	-30	126	249	203	181	303	172	134	152	149	130	309	405	277	162	175	256	120	118	95
S.Reserve Total		1312	1206	1210	1463	1076	1469	1565	1800	1834	1989	1929	1667	2063	1987	2013	2456	2541	2263	2125	1865	1540	1156	1039	879	945	1172	1219	1105	1048	1353	1208	1401	1302	1246	1337	1417	1510	1599	1258	938	1033	1053	935	924	1146	1118	1078	1025