

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,055	MW
Hydro	1,877	MW
Distillate	0	MW
Total TNB	7,452	MW
Total IPP	10,844	MW
Total Co-Gen	81	MW
System Total	18,937	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	5,684	MW
IPP Generation	9,015	MW
Total Set On Bus	15,765	MW
Maximum Demand	14,906	MW
Spinning Reserve	985	MW
Net Energy	309,134	MWH
Load Factor	86.4	%

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	12135	11426	11168	10931	10701	10626	10898	11125	11494	13194	13885	14526	14506	14083	14519	14846	14842	14481	13378	13065	14073	13777	13256	12943

Gas Usage

Station	(mmscfd)
CBPS	56
GLGR	30
PAKA	95
PGPS	41
SRDG	4
TJGS	223
TNB Total	449
KLPP	118
MPSS	58
PGLA	94
PLPS	112
SGB3	69
SGRI	139
SKSP	52
YPGS	35
YPKA	133
IPP Total	810
Total Gas	1,259
Total Gas Required :	1,259
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	33,110.00	10.71 %
Gas	59,965.00	19.40 %
Hydro	18,743.00	6.06 %
Total TNB	111,818.0	36.17 %
ST-Coal	88,754.0	28.71 %
ST-Gas	520.0	0.17 %
Gas	105,330.0	34.07 %
Total IPP	194,604.0	62.95 %
Co-Gen	2,154.0	0.70 %
Total Co-Gen	2,154.0	0.70 %
Total Generation	308,576.0	99.82 %
PLTG	141.0	0.05 %
HVDC	-699.0	-0.23 %
Interconnection	-558.0	-0.18 %
Net Energy	309,134.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	418
Hydro	263
Syncon	171
Thermal	68
Total	921

Weather Temperature

Time	Weather	Temperature
Morning	Cloudy	24
Afternoon	Cloudy	35

Table with columns for Station, Unit, and hourly generation (0000 to 2300) for various power plants including PKLG, JM/JG, TBN, JMAH, and CBPS.

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																										
PCUF	CUFG	51	54	53	52	52	51	50	50	54	47	53	51	52	47	52	51	51	51	52	49	52	49	53	32	50	51	50	52	53	52	50	49	53	52	50	51	52	52	53	52	51									
PCUF	CUFK	30	30	29	30	30	31	30	31	31	32	30	31	30	31	31	31	31	31	31	31	31	30	28	29	30	30	29	31	29	30	28	30	31	31	32	31	29	32	32	31	31	31	31	34	34					
Total Co-Gen		81	84	82	82	82	82	80	81	85	79	83	82	82	78	83	82	83	82	83	80	83	79	81	81	80	81	79	82	83	81	81	78	82	79	81	84	83	82	80	82	84	82	82	83	83	84	86	85		
Total Gen		12155	11722	11574	11304	11131	11026	10911	10671	10678	10569	10532	10556	10776	11187	11034	11242	11561	12493	13152	13521	13969	14194	14508	14560	14513	14152	14065	14255	14524	14780	14825	14829	14803	14726	14510	13851	13342	13042	13061	13674	14031	14079	13821	13624	13289	13216	12962	12614		
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			
TIE-HVDC		-30	-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	-30	-30	-29	-29	-30	-30	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30			
TIE-PLTG		50	-16	177	-42	-8	35	9	99	6	76	-65	-9	-93	9	-62	72	95	8	-13	33	113	54	11	-56	36	-42	11	-35	34	-96	9	38	-10	28	59	21	-5	4	25	-95	-13	20	73	-45	62	-3	48	53		
Interconnection		20	-45	148	-71	-37	6	-20	70	-23	47	-94	-38	-122	-20	-91	44	67	-21	-42	4	84	25	-18	-85	7	-71	-18	-64	5	-126	-21	9	-39	-2	29	-9	-36	-25	-4	-124	-42	-9	44	-74	33	-32	19	23		
System Total		12135	11767	11426	11375	11168	11020	10931	10601	10701	10522	10626	10594	10898	11207	11125	11198	11494	12514	13194	13517	13885	14169	14526	14645	14506	14223	14083	14319	14519	14906	14846	14820	14842	14728	14481	13860	13378	13067	13065	13798	14073	14088	13777	13698	13286	13248	12943	12591		
SRev ST-Coal		9	19	-6	13	10	12	2	9	9	20	8	4	3	5	5	8	19	8	60	75	76	65	146	156	138	69	62	73	71	110	201	63	75	68	76	79	58	44	25	26	20	27	24	30	21	9	25	18		
SRev ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 CCGT-Gas		643	777	881	1120	1230	1442	1632	1793	1859	1891	2001	1824	1656	1185	1385	1363	1094	646	529	366	338	675	510	482	504	727	821	687	612	457	395	386	382	357	570	667	622	721	830	655	445	407	549	450	653	760	746	744		
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	0	0	0	63	-2	-2	-2	-1	-1	72	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Syncon		726	726	726	726	726	575	575	575	575	575	575	726	726	726	726	726	726	726	625	625	625	172	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	172	474	625	625	325	172	172	172	172	172	172	172	
Hydro		213	75	142	64	130	172	105	178	109	169	112	117	66	120	78	118	60	86	200	120	141	145	236	208	250	394	387	328	350	329	337	347	378	494	471	256	253	76	77	267	329	310	359	300	391	295	319	445		
S.Reserve Total		1596	1602	1748	1928	2101	2206	2319	2560	2557	2660	2701	2676	2456	2041	2199	2220	1904	1471	1419	1191	1185	1062	983	937	983	1281	1361	1179	1187	985	1022	885	925	1009	1280	1179	1412	1471	1562	1276	971	921	1109	957	1242	1241	1267	1384		