

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,579 MW
Hydro	1,697 MW
Distillate	0 MW
Total TNB	7,346 MW
Total IPP	11,777 MW
Total Co-Gen	0 MW
System Total	19,408 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,674 MW
IPP Generation	10,041 MW
Total Set On Bus	16,799 MW
Maximum Demand	15,800 MW
Spinning Reserve	1,016 MW
Net Energy	329,108 MWH
Load Factor	86.8 %
Total Cost	49,449,737 RM
Cost per Unit	15.54 cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0MW
Date :	24/06/2014	355,911.0MWH

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	13031	12413	11867	11717	11274	11178	11440	11477	11877	13722	14678	15320	15377	14991	15524	15656	15719	15381	14192	13996	15036	14923	14257	13909

Gas Usage

Station	(mmscfd)
CBPS	62
GLGR	59
PAKA	90
PGPS	32
SRDG	11
TJGS	189
TNB Total	442
KLPP	96
MPSS	49
PDPS	7
PGLA	105
PKLG	1
PLPS	93
SGRI	173
SKSP	35
YPGS	58
YPKA	130
IPP Total	747
Total Gas	1,189

Total Gas Required : 1,189
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	47,191.00	14.34 %
Gas	57,069.00	17.34 %
Hydro	10,789.00	3.28 %
Total TNB	115,049.0	34.96 %
ST-Coal	114,123.0	34.68 %
Gas	98,031.0	29.79 %
Total IPP	212,154.0	64.46 %
Co-Gen	1,823.0	0.55 %
Total Co-Gen	1,823.0	0.55 %
Total Generation	329,026.0	99.98 %
PLTG	616.0	0.19 %
HVDC	-698.0	-0.21 %
Interconnection	-82.0	-0.02 %
Net Energy	329,108.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	339
Hydro	263
Syncon	430
Thermal	45
Total	1077

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	35

Daily MW Generation On Wednesday

20-Aug-2014

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 Hydro		151	144	176	156	145	163	161	165	142	142	155	154	155	216	154	142	172	157	168	192	166	383	611	1362	841	595	496	488	539	726	777	750	1110	1104	1033	891	166	159	163	435	814	805	903	892	897	525	358	361			
PCUF	CUFG	41	42	42	41	41	42	42	42	43	41	41	42	43	43	44	44	42	42	43	43	42	41	41	40	41	42	41	41	40	42	42	42	42	42	42	42	42	43	44	43	43	43	43	42	44	44	44				
PCUF	CUFK	38	36	37	37	37	37	37	36	37	37	38	38	37	37	37	38	34	32	32	32	30	30	28	27	27	34	29	29	28	30	31	31	36	34	28	34	32	33	33	33	34	33	38	37	36	37	37				
Total Co-Gen		79	78	79	78	78	79	79	78	79	80	79	79	79	80	80	81	82	76	74	75	75	72	71	69	67	68	76	70	70	68	71	72	72	76	76	70	77	74	75	75	75	77	77	81	80	78	81	81			
Total Gen		13076	12576	12407	12019	11888	11854	11651	11613	11282	11381	11130	11159	11395	11684	11568	11383	11852	12223	13632	14180	14652	15005	15320	15592	15357	15085	15044	15157	15498	15782	15650	15717	15713	15646	15419	14836	14216	13882	14001	14657	15029	14946	14925	14699	14280	14040	13842	13458			
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		
TIE-HVDC		-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-29	-30	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-28	-28	-30	-30	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29			
TIE-PLTG		74	78	23	19	50	3	-36	50	37	21	-19	19	-16	-31	120	79	3	44	-60	15	3	42	29	63	9	36	82	-67	4	12	23	59	23	21	67	25	52	9	35	28	22	11	31	65	53	31	-38	30			
Interconnection		45	49	-6	-10	21	-27	-66	21	8	-8	-48	-10	-45	-60	91	51	-25	15	-90	-14	-26	13	0	34	-20	7	53	-97	-26	-17	-6	30	-6	-8	38	-3	24	-21	5	-1	-7	-18	2	35	23	2	-67	1			
System Total		13031	12527	12413	12029	11867	11881	11717	11592	11274	11389	11178	11169	11440	11744	11477	11332	11877	12908	13722	14194	14678	14992	15320	15558	15377	15078	14991	15254	15524	15799	15656	15687	15719	15654	15381	14839	14192	13903	13996	14658	15036	14964	14923	14664	14257	14038	13909	13457			
SRev ST-Coal		58	19	44	26	58	84	46	38	35	28	198	199	238	110	123	196	84	43	39	45	39	46	30	51	40	54	26	36	36	43	54	51	45	46	46	47	51	57	40	63	54	55	46	40	45	48	28	56			
SRev ST-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	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		404	767	803	1188	1243	1360	1579	1628	1924	1983	1986	1951	1818	1721	1845	1954	1628	1207	873	577	217	136	137	378	205	334	310	176	125	148	206	177	175	206	460	539	443	761	559	152	186	291	182	448	448	311	135	290			
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 Co-Gen		-3	-2	-3	-2	-2	-3	-3	-2	-3	-4	-3	-3	-3	-4	-4	-5	-6	0	2	1	1	4	5	7	9	8	0	6	6	8	5	4	4	0	0	6	-1	2	1	1	1	-1	-1	-5	-4	-2	-5	-5			
Syncon		720	720	569	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720			
Hydro		155	162	281	150	161	143	145	141	164	164	151	152	124	214	125	137	107	122	111	238	113	202	271	189	375	446	394	402	351	239	288	285	358	364	462	429	140	147	143	196	273	282	184	195	190	107	149	146			
S.Reserve Total		1334	1666	1694	2082	2180	2304	2487	2525	2840	2891	3052	3019	2897	2610	2809	3002	2533	2092	1745	1430	1090	1108	1012	625	1088	1185	1227	1114	1103	992	1119	1052	823	897	1148	1179	1353	1687	1463	1132	982	1095	879	1146	1147	1083	926	1106			