

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	3,432	MW
Hydro	1,554	MW
Distillate	0	MW
Total TNB	7,056	MW
Total IPP	11,319	MW
Total Co-Gen	55	MW
System Total	18,430	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30		
TNB Generation	5,336	MW
IPP Generation	9,050	MW
Total Set On Bus	15,404	MW
Maximum Demand	14,334	MW
Spinning Reserve	963	MW
Net Energy	316,329	MWH
Load Factor	92.0	%
Total Cost	50,230,670	RM
Cost per Unit	16.34	cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0 MW
Date :	24/06/2014	355,911.0 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	13729	13132	12694	12400	11991	11869	11747	11465	11307	12412	13192	13946	13934	13614	13938	13988	13977	13630	13114	13118	14259	14171	13952	13864

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	57
PAKA	196
PGPS	43
SRDG	8
TJGS	118
TNB Total	478
KLPP	95
MPSS	33
PDPS	3
PGLA	101
PLPS	1
PTEK	3
SGRI	134
SKSP	0
YPKA	129
IPP Total	499
Total Gas	977
Total Gas Required :	1,212
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	119
PLPS	77
SGRI	38
Total	235

Generation Mix

Type	MWh	Percentage
ST-Coal	48,906.00	15.46 %
Gas	60,658.00	19.18 %
Hydro	7,912.00	2.50 %
Total TNB	117,476.0	37.14 %
ST-Coal	104,875.0	33.15 %
ST-Oil	11,643.0	3.68 %
Gas	66,191.0	20.92 %
Distillate	14,078.0	4.45 %
Total IPP	196,787.0	62.21 %
Co-Gen	1,234.0	0.39 %
Total Co-Gen	1,234.0	0.39 %
Total Generation	315,497.0	99.74 %
PLTG	-673.0	-0.21 %
HVDC	-159.0	-0.05 %
Interconnection	-832.0	-0.26 %
Net Energy	316,329.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	395
Hydro	157
Syncon	587
Thermal	66
Total	1205

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	36

Daily MW Generation On Saturday

28-Jun-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																											
PLPS	GT11	151	147	151	153	154	153	154	153	114	113	112	65	64	65	64	65	65	72	153	150	150	113	149	150	148	113	112	147	147	148	148	147	147	149	149	148	149	148	148	149	149	149	148	111	104	106	24				
PLPS	GT13	0	0	148	146	147	147	148	149	150	119	119	120	119	120	119	120	120	119	148	146	108	145	145	146	110	110	144	145	145	144	144	145	145	146	145	145	145	145	145	146	146	146	146	112	117	117	112				
PLPS	ST18	0	0	140	142	140	140	140	141	140	127	128	129	114	109	108	109	112	114	112	140	145	138	127	139	140	140	125	126	140	139	138	137	139	138	138	139	138	138	139	138	138	139	139	139	139	137	126	126	125	96	
Total Distillate		151	244	559	630	685	684	685	688	686	603	604	605	408	403	403	404	405	408	414	655	687	678	565	675	678	677	588	588	672	672	631	548	494	430	432	434	431	432	431	432	434	434	434	431	349	347	348	232			
PCUF	CUFG	11	9	10	10	10	11	10	11	10	11	11	10	11	11	13	13	12	12	12	10	10	11	11	13	13	12	14	15	13	14	14	14	14	14	14	12	14	14	13	15	14	16	16	17	17	16	16	16			
PCUF	CUFK	38	40	39	39	37	39	39	39	38	38	38	39	40	39	37	38	38	39	40	39	37	38	38	40	39	40	40	38	41	39	39	39	37	39	39	39	39	39	38	38	38	39	39	39	39	39	39	38	39	37	42
Total Co-Gen		49	49	49	49	47	50	49	50	48	49	49	49	51	50	48	51	51	51	52	52	47	48	51	50	53	53	50	55	54	52	53	51	53	53	53	51	52	52	51	54	53	55	55	56	55	55	53	58			
Total Gen		13651	13411	13066	12875	12634	12373	12276	12124	11997	11871	11859	11801	11683	11795	11596	11212	11279	11977	12361	12898	13185	13614	13814	14011	13851	13680	13571	13650	13835	14033	13913	13954	13880	13876	13621	13413	13108	12995	13071	13945	14420	14441	14300	14201	14107	13868	13784	13583			
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	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-30	-30	-30	-30	-29	-29	-30	-30	-29	-29	-29	-30	-30	-30	-30	-30	-30	-30	-29	153	152	152	151	153	151	-29	-29	-29						
TIE-PLTG		-49	-110	-38	-110	-31	-149	-95	-101	35	-35	19	72	-35	82	160	13	2	-15	-21	-88	23	12	-103	-68	-53	-52	-14	-83	-74	-28	-45	-47	-68	-84	21	84	24	35	-18	-90	9	-45	-22	-42	4	-37	-51	-41			
Interconnection		-78	-139	-66	-138	-60	-178	-124	-130	6	-64	-10	43	-64	53	131	-16	-28	-45	-51	-118	-7	-18	-132	-97	-83	-82	-43	-112	-103	-57	-75	-77	-97	-113	-9	54	-6	5	-47	63	161	107	129	111	155	-66	-80	-70			
System Total		13729	13550	13132	13013	12694	12551	12400	12254	11991	11935	11869	11758	11747	11742	11465	11228	11307	12022	12412	13016	13192	13632	13946	14108	13934	13762	13614	13762	13938	14090	13988	14051	13977	13989	13630	13389	13114	12990	13118	13882	14259	14334	14171	14090	13952	13934	13864	13653			
SRev ST-Coal		51	62	100	43	46	42	34	33	75	127	118	113	81	-76	18	381	281	-17	57	60	42	32	23	63	49	47	65	63	51	128	52	59	51	-33	61	48	48	70	40	44	54	52	50	48	49	57	57	52			
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 ST-Oil		-4	39	19	1	-1	4	3	6	-52	-129	8	8	17	17	15	85	82	85	17	5	2	7	7	10	16	34	35	40	38	-2	-1	9	22	-1	0	0	-1	-2	-3	-1	-1	-3	-1	-1	-3	-1	-1	-1	-1	-1	
SRev CCGT-Gas		676	379	515	657	440	502	561	722	905	1052	1073	1115	1115	1140	1237	1218	1209	991	921	907	773	453	208	150	304	272	245	197	176	176	197	200	191	263	224	405	723	815	804	219	133	113	202	279	276	128	166	158			
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		-11	36	22	91	36	37	36	33	35	118	117	116	313	318	318	317	316	313	307	66	34	43	156	46	43	44	133	133	49	49	90	33	87	11	9	7	10	9	10	9	7	7	10	92	94	93	209				
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	0	0	
Syncon		726	726	726	726	575	575	726	726	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625		
Hydro		124	83	112	109	225	220	116	109	166	155	166	195	163	177	185	255	257	272	135	223	142	150	94	96	191	126	101	223	105	104	135	132	158	478	124	163	149	150	114	200	163	205	259	131	142	81	126	127			
S.Reserve Total		1562	1325	1494	1627	1321	1380	1476	1629	1754	1948	2107	2172	2314	2201	2398	2881	2770	2118	2062	1735	1618	1310	1113	990	1228	1299	1305	1231	995	981	1056	1013	1089	893	993	1199	1505	1768	1691	970	982	963	1104	969	1062	863	1030	1136			