

Availability At Daily Maximum Demand Hour

ST-Coal	2,010	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,354	MW
Hydro	1,904	MW
Distillate	0	MW
Total TNB	8,268	MW
Total IPP	11,057	MW
Total Co-Gen	68	MW
System Total	19,675	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 00:00 <i>20:30</i>	
TNB Generation	5,302 MW
IPP Generation	8,500 MW
Total Set On Bus	14,936 MW
Maximum Demand	13,902 MW <i>13,338</i>
Spinning Reserve	1,066 MW
Net Energy	299,275 MWH
Load Factor	89.7 %
Total Cost	RM
Cost per Unit	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	13902	13402	12764	12120	12000	11859	11554	11136	10658	11580	12223	12797	12676	12451	12811	12687	12764	12575	12287	12308	13183	13250	13211	13158

Gas Usage

Station	(mmscfd)
GLGR	57
PAKA	152
PGPS	24
SRDG	3
TJGS	208
TNB Total	444
KLPP	97
MPSS	3
PGLA	103
PLPS	68
SGRI	169
SKSP	15
YPGS	67
YPKA	128
IPP Total	650
Total Gas	1,094
Total Gas Required :	1,124
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	30
Total	30

Generation Mix

Type	MWh	Percentage
ST-Coal	47,787.00	15.97 %
Gas	58,799.00	19.65 %
Hydro	7,869.00	2.63 %
Total TNB	114,455.0	38.24 %
ST-Coal	93,248.0	31.16 %
ST-Oil	2,886.0	0.96 %
Gas	86,636.0	28.95 %
Total IPP	182,770.0	61.07 %
Co-Gen	1,650.0	0.55 %
Total Co-Gen	1,650.0	0.55 %
Total Generation	298,875.0	99.87 %
PLTG	299.0	0.10 %
HVDC	-699.0	-0.23 %
Interconnection	-400.0	-0.13 %
Net Energy	299,275.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	491
Hydro	177
Syncon	562
Thermal	58
Total	1287

Weather Temperature

	Weather	Temperature
Morning	Sunny	29
Afternoon	Hot	36

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 Co-Gen		68	70	67	69	70	67	69	69	70	69	70	72	71	72	73	69	71	73	70	69	70	68	67	66	67	68	66	65	66	67	66	66	66	66	67	67	65	69	68	69	66	69	71	71	69	72	76				
Total Gen		13870	13420	13335	12986	12789	12430	12212	11929	11977	11892	11796	11738	11478	11438	11234	10816	10623	11326	11512	11960	12186	12539	12783	12794	12676	12444	12411	12614	12792	12792	12702	12827	12770	12689	12538	12432	12293	12237	12239	12661	13111	13325	13274	13246	13257	13315	13111	12886			
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		-28	-28	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-29	-29				
TIE-PLTG		-4	-15	-38	7	55	-55	121	11	6	13	-34	11	-47	5	127	159	-6	-21	-39	30	-8	85	16	-35	29	-53	-11	17	11	5	44	2	35	34	-7	11	36	-47	-40	-6	-43	16	53	23	74	49	-18	41			
Interconnection		-32	-43	-67	-23	25	-85	92	-18	-23	-16	-63	-18	-76	-24	98	130	-35	-50	-68	1	-37	56	-14	-65	0	-82	-40	-12	-19	-25	15	-27	6	5	-37	-19	6	-77	-69	-35	-72	-13	24	-6	46	21	-47	12			
System Total		13902	13463	13402	13009	12764	12515	12120	11947	12000	11908	11859	11756	11554	11462	11136	10686	10658	11376	11580	11959	12223	12483	12797	12859	12676	12526	12451	12626	12811	12817	12687	12854	12764	12684	12575	12451	12287	12314	12308	12696	13183	13338	13250	13252	13211	13294	13158	12874			
SRev ST-Coal		53	56	45	47	50	72	71	61	91	56	66	60	70	56	69	37	277	78	63	68	56	56	74	38	62	61	30	53	45	45	53	47	40	36	26	38	48	43	45	39	40	51	49	43	58	34	38	27			
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		-1	1	3	3	3	4	4	43	38	37	37	37	38	38	38	38	42	4	0	0	0	0	6	41	36	31	0	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		487	554	584	389	488	551	514	682	623	754	840	961	1208	1255	1338	1537	1517	1317	1311	1023	1000	569	428	420	435	545	473	379	279	206	327	283	351	436	590	650	831	884	886	647	532	302	280	309	238	127	244	339			
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	5	7	7	4	4	90	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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		327	478	478	478	478	478	478	478	629	629	629	629	629	629	730	730	428	478	478	478	579	579	579	579	428	579	579	579	428	579	579	579	579	579	579	730	730	730	730	730	579	730	730	730	730	579	579	579			
Hydro		200	289	247	142	238	158	259	339	286	152	183	130	180	206	303	174	156	298	162	176	199	189	137	165	169	289	151	125	124	280	163	157	153	153	160	164	162	168	169	392	256	258	124	131	126	152	167	172			
S.Reserve Total		1066	1378	1357	1059	1257	1263	1326	1603	1516	1628	1755	1817	2124	2184	2377	2516	2718	2163	2018	1745	1750	1398	1225	1215	1290	1363	1354	1136	1027	959	1122	1066	1123	1204	1355	1582	1771	1825	1830	1657	1558	1341	1183	1213	1152	892	1028	1117			