

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,921 MW
Hydro	1,662 MW
Distillate	0 MW
Total TNB	7,653 MW
Total IPP	10,647 MW
Total Co-Gen	0 MW
Total System	18,867 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,840	14.48 %
Gas	59,234	17.56 %
Hydro	11,245	3.33 %
Total TNB	119,319	35.37 %
ST-Coal	112,216	33.26 %
Gas	104,389	30.94 %
Total IPP	216,605	64.21 %
Co-Gen	1,169	0.35 %
Total Co-Gen	1,169	0.35 %
Total Generation	337,093	99.93 %
PLTG	-405	-0.12 %
EGAT	153	0.05 %
Interconnection	-252	-0.07 %
Net Energy	337,345	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:00:00 Hour
Total Set On Bus	17,085 MW
TNB Generation	6,010 MW
IPP Generation	10,042 MW
Spinning Reserve	986 MW
Maximum Demand	16,109 MW
Net Energy	337,345 MWH
Load Factor	87.25 %

Fuel Cost

Total Cost:	51,691,748.77 RM
Cost per Unit	15.28 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	304
Hydro	115
Syncon	526
Thermal	48
Total	993

Time	Weather	Temperature
Afternoon	Hot	0
Morning	Sunny	0

Gas Usage

Station	(mmscfd)
CBPS	1
CBPS	25
GLGR	55
PAKA	61
PGPS	42
SRDG	61
TJGS	218
Total TNB	463
KLPP	100
MPSS	59
PDPS	15
PGLA	112
PKLG	12
PLPS	99
PTEK	15
SGRI	201
YPGS	69
YPKA	136
Total IPP	820
Total Gas	1,284
Total Gas Required	1,284

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	13352	12746	12292	11757	11511	11368	11583	11780	12267	14199	14945	15582	15615	15318	15831	16109	15979	15579	14628	14240	15445	15392	14774	14573

Daily MW Generation on Tuesday

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
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
PGAU	HY04	-1	-1	-1	-1	-1	30	-1	-1	-1	-1	33	-1	-1	-1	-1	111	81	-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
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
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
SYPS	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
SYPS	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
SYPS	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
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
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	78	62	64	58	57	-1	-1	-1	85
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	60	61	58	59	57	56	57	86
TMGR	HY04	30	36	33	31	33	33	33	35	31	32	29	34	35	41	31	34	35	32	86	74	78	60	61	
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		402	425	421	308	216	176	246	266	205	214	168	218	202	263	170	185	211	215	625	531	654	776	857	
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCUF	CUFK	13	12	13	14	13	13	14	11	13	15	14	13	14	13	13	14	10	10	11	10	12	12	11	11
PCUF	CUFG	40	40	39	41	41	41	40	40	40	42	38	41	40	39	41	40	40	39	38	37	37	37	35	34
Total Co-Gen		53	52	52	55	54	54	54	51	53	57	52	54	54	52	55	53	53	53	51	50	49	49	49	
Total Gen		13377	13027	12709	12327	12281	12065	11728	11611	11527	11340	11352	11482	11545	11801	11816	11745	12222	13295	14205	14532	14923	15354	15533	
TIE-BOAT		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		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-PLTG		25	-10	-37	-74	-11	-5	-29	-73	16	-21	-16	-34	-38	-102	36	-8	-45	-51	6	4	-22	-4	-49	
Interconnection		25	-10	-37	-74	-11	-5	-29	-73	16	-21	-16	-34	-38	-102	36	-8	-45	-51	6	4	-22	-4	-49	
System Total		13352	13037	12746	12401	12292	12070	11757	11684	11511	11361	11368	11516	11583	11903	11780	11753	12267	13346	14199	14528	14945	15358	15582	
SRev ST-Coal		131	120	137	85	106	99	206	173	50	60	-17	-47	-66	-113	-56	44	49	72	30	44	51	57	28	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	266	148	193	172	158	327	
SRev CCGT-Gas		399	116	422	575	505	680	933	1105	1253	1441	1461	1409	1351	1203	1127	1221	1343	523	232	319	253	136	150	
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
SRev Co-Gen		23	24	24	21	22	22	22	25	23	19	24	22	22	24	21	23	23	23	25	26	27	27	27	
Syncon		619	619	619	619	720	720	569	569	569	720	720	720	720	569	720	720	720	720	468	468	536	536	453	
Hydro		101	78	82	95	86	125	206	186	247	87	136	83	99	189	131	116	90	86	67	161	52	105	74	
S.Reserve Total		1273	957	1284	1395	1439	1646	1936	2055	2144	2331	2319	2189	2126	1870	1946	2122	2225	1424	820	1034	1183	1008	1008	