

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,432 MW
Hydro	1,701 MW
Distillate	564 MW
Total TNB	7,767 MW
Total IPP	9,766 MW
Total Co-Gen	0 MW
Total System	17,533 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	49,005	14.89 %
Gas	66,336	20.15 %
Hydro	15,162	4.61 %
Distillate	5,199	1.58 %
Total TNB	135,702	41.22 %
ST-Coal	101,644	30.88 %
ST-Gas	247	0.08 %
Gas	85,559	25.99 %
Distillate	4,820	1.46 %
Total IPP	192,270	58.41 %
Co-Gen	1,888	0.57 %
Total Co-Gen	1,888	0.57 %
Total Generation	329,860	100.21 %
PLTG	-20	-0.01 %
EGAT	-33	-0.01 %
HVDC	730	0.22 %
Interconnection	677	0.21 %
Net Energy	329,183	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:	14:30:00 Hour
Total Set On Bus	16,926 MW
TNB Generation	6,754 MW
IPP Generation	9,061 MW
Spinning Reserve	1,034 MW
Maximum Demand	15,918 MW
Net Energy	329,183 MWH
Load Factor	86.16 %

Fuel Cost

Total Cost:	54,037,765.69 RM
Cost per Unit	17.17 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	353
Hydro	359
Syncon	194
Thermal	21
Total	927

Time	Weather	Temperature
Afternoon	Sunny	35
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	7
CBPS	49
GLGR	31
PAKA	122
PGGS	3
PGPS	43
SRDG	38
TJGS	220
Total TNB	513

KLPP	112
MPSS	58
PDPS	6
PGLA	5
PKLG	8
PLPS	109
PTEK	13
SGB3	37
SGRI	211
SKSP	56
YPKA	69
PKLG	3
Total IPP	688
Total Gas	1,200

Total Gas Required 1,318

Alternate Fuel Usage

Station	(mmscfd)
CBPS	34
PDPS	43
PGGS	14
PTEK	13
SRDG	14
Total	118

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	12589	12076	11778	11436	11233	11083	11317	11113	12155	13894	14933	15546	15447	15138	15648	15813	15759	15290	14177	14458	14978	14793	14101	13717



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																								
SRev Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	190	130	51	133	83	68	121	176	280	193	172	64	183	169	109	66	179	342	280	326	162	67	125	193	0	0	0	0	0	0			
SRev Co-Gen		-4	-4	-3	-3	-5	-4	-6	-5	-7	-5	-5	-7	-7	-5	-7	-6	-3	-5	-4	-4	-1	0	1	-2	-2	-4	-3	-1	-1	-2	-2	-2	1	2	4	-1	0	0	-1	-3	-2	-1	-1	-1	0	-1	-2	
Syncon		728	728	728	728	728	728	728	728	728	577	728	728	728	728	728	426	275	275	275	275	275	275	275	275	275	275	86	86	86	86	0	0	0	0	189	491	555	253	252	252	252	403	555	641	641	641	339	
Hydro		95	96	98	103	86	117	111	116	115	118	113	247	102	118	126	119	119	233	397	398	339	453	384	383	387	378	371	478	504	520	527	530	499	460	531	285	335	174	252	321	380	378	402	197	230	187	168	290
S.Reserve Total		1255	1376	1222	1177	1210	1277	1481	1556	1709	1815	1821	1736	1639	1558	2012	2082	1781	1180	1216	1386	884	1123	994	894	1038	1061	1164	1010	1167	1034	1245	1004	1004	848	1091	1037	1401	1448	939	812	936	984	1173	1063	1397	1164	1019	987