

Availability at Daily Maximum Demand Hour

ST-Coal	2,520 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,917 MW
Hydro	1,665 MW
Distillate	0 MW
Total TNB	8,102 MW
Total IPP	10,690 MW
Total Co-Gen	0 MW
Total System	19,359 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	55,933	16.49 %
Gas	63,904	18.85 %
Hydro	11,063	3.26 %
Total TNB	130,900	38.60 %
ST-Coal	112,974	33.32 %
Gas	95,393	28.13 %
Total IPP	208,367	61.45 %
Co-Gen	1,125	0.33 %
Total Co-Gen	1,125	0.33 %
Total Generation	340,392	100.38 %
PLTG	572	0.17 %
HVDC	729	0.21 %
Interconnection	1,301	0.38 %
Net Energy	339,091	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:	16:00:00 Hour
Total Set On Bus	17,062 MW
TNB Generation	6,480 MW
IPP Generation	9,542 MW
Spinning Reserve	992 MW
Maximum Demand	16,021 MW
Net Energy	339,091 MWH
Load Factor	88.18 %

Fuel Cost

Total Cost:	50,069,851.31 RM
Cost per Unit	15.20 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	393
Hydro	273
Syncon	410
Thermal	66
Total	1,142

Time	Weather	Temperature
Afternoon	Hot	37
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	4
CBPS	9
GLGR	55
PAKA	138
PGPS	42
SRDG	32
TJGS	209
Total TNB	488
KLPP	102
MPSS	59
PDPS	10
PGLA	104
PKLG	15
PLPS	97
PTEK	9
SGRI	146
YPGS	69
YPKA	136
Total IPP	747
Total Gas	1,235
Total Gas Required	1,235

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	13985	13297	12695	12393	12068	11797	11900	11914	12274	13797	14719	15308	15304	14937	15234	15912	16022	15692	14556	14270	15416	15412	14890	14645

Daily MW Generation on Friday

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	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
PGAU	HY02	-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	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	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY03	31	32	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	34	36	34	33	31	32	33	32	32	31	31	31	31	32	33	26	36	36	35	35	36	36	35	36
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		486	493	488	433	310	173	175	176	171	170	170	180	170	195	174	158	186	176	251	367	388	714	726	847
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	0
PCUF	CUFG	4	4	5	5	4	4	2	5	4	5	4	4	2	3	3	3	3	2	1	7	8	9	9	7
PCUF	CUFK	36	37	37	38	39	42	40	41	40	41	42	41	41	40	40	42	41	38	38	37	37	36	36	36
Total Co-Gen		40	41	42	43	43	46	42	46	44	46	46	45	43	44	45	42	43	45	44	41	41	39	41	40
Total Gen		14034	13661	13344	13041	12764	12604	12468	12280	12136	11966	11860	11862	11929	12082	11953	11913	12313	13168	13824	14251	14771	15125	15298	15420
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
TIE-HVDC		30	31	31	31	31	30	30	30	30	30	30	30	30	31	31	30	30	31	31	30	30	30	31	31
TIE-PLTG		18	34	16	1	38	16	45	27	37	50	33	20	-1	5	9	71	8	7	-3	10	22	-10	-40	
Interconnection		49	64	47	31	69	46	75	57	68	80	63	50	29	35	39	102	39	37	27	40	52	20	-10	
System Total		15985	15597	15297	15010	12695	12558	12393	12223	12068	11886	11797	11812	11900	12047	11914	11811	12274	13131	13797	14211	14719	15105	15308	15349
SRev ST-Coal		28	37	103	41	27	26	27	40	13	21	-3	-5	-34	15	35	38	19	26	33	28	41	144	103	131
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
SRev CCGT-Gas		377	252	326	557	815	842	975	1185	1349	1522	1652	1661	1611	1545	1744	1892	1560	1178	808	536	124	195	207	222
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		36	35	34	33	33	30	34	30	32	30	31	33	32	31	34	33	31	32	35	35	37	35	36	37
Synecon		624	542	542	473	542	642	642	643	643	725	725	725	725	725	574	725	725	725	725	725	624	624	624	624
Hydro		174	167	172	212	84	121	119	117	122	123	123	113	123	250	120	135	107	117	117	202	181	171	159	340
S.Reserve Total		1239	1033	1177	1316	1501	1661	1797	2015	2159	2421	2527	2525	2458	2416	2655	2824	2444	2077	1717	1425	1005	1171	1146	1231