

Availability at Daily Maximum Demand Hour

ST-Coal	2,255 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,215 MW
Hydro	1,855 MW
Distillate	0 MW
Total TNB	8,325 MW
Total IPP	10,405 MW
Total Co-Gen	0 MW
Total System	18,730 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	53,168	16.28 %
Gas	77,396	23.70 %
Hydro	10,378	3.18 %
Total TNB	140,942	43.16 %
ST-Coal	86,892	26.61 %
ST-Gas	6,226	1.91 %
ST-Oil	3,391	1.04 %
Gas	87,120	26.68 %
Total IPP	183,629	56.23 %
Co-Gen	1,842	0.56 %
Total Co-Gen	1,842	0.56 %
Total Generation	326,413	99.96 %
PLTG	500	0.15 %
EGAT	-33	-0.01 %
HVDC	-610	-0.19 %
Interconnection	-143	-0.04 %
Net Energy	326,556	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	16,837 MW
TNB Generation	6,781 MW
IPP Generation	9,043 MW
Spinning Reserve	945 MW
Maximum Demand	15,889 MW
Net Energy	326,556 MWH
Load Factor	85.63 %

Fuel Cost

Total Cost:	56,813,799.97 RM
Cost per Unit	17.97 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	229
Hydro	154
Syncon	481
Thermal	57
Total	921

Time	Weather	Temperature
Afternoon	Rainy	33
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	24
CBPS	58
GLGR	56
PAKA	155
PGPS	50
SRDG	47
TJGS	218
Total TNB	608
KLPP	106
MPSS	59
PDPS	33
PKLG	18
PLPS	104
PTEK	33
SGRI	197
SKSP	37
YPGS	59
YPKA	69
PKLG	62
Total IPP	777
Total Gas	1,384
Total Gas Required	1,417

Alternate Fuel Usage

Station	(mmscfd)
PKLG	33
Total	33

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	12584	11856	11660	11189	10976	10681	11063	11022	11820	13845	14933	15496	15565	15249	15683	15772	15732	15331	14106	14045	14888	14612	14239	13759

Daily MW Generation on Monday

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
KNRG	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
KNRG	HY03	27	27	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
KNYR	HY01	88	95	76	63	62	61	58	59	65	61	57	60	62	63	54	62	97	66	84	97	69	96	55	95
KNYR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	60	60	61	-1	99	99	-1	-1
KNYR	HY03	90	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY04	96	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LPIA	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
LPIA	HY02	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	16	16	15	17	18	18	18	15	15
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	4	4	6	6	5	5	5	5	5
PGAU	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
PGAU	HY02	-1	-1	-1	81	-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	79	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	-1	105	-1	-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	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	HY04	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
TMGR	HY01	35	36	82	36	35	35	33	34	37	34	35	34	35	35	39	31	36	33	34	34	35	37	38	36
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	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Hydro		406	407	372	370	205	204	198	201	210	203	198	202	205	227	209	211	247	433	332	380	461	656	572	620
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	CUFK	43	43	42	44	43	44	43	44	43	44	43	43	43	43	41	41	40	38	37	38	36	37	36	35
PCUF	CUFK	39	40	37	39	38	39	40	39	41	40	39	40	40	39	37	34	34	33	32	32	33	31	39	37
Total Co-Gen		82	83	79	83	81	83	83	84	84	82	83	83	82	81	82	80	78	75	74	71	69	70	70	69
Total Gen		12637	12364	12085	11809	11642	11259	11196	11027	10958	10902	10691	10849	10990	11226	11056	11026	11755	12863	13826	14324	14912	15231	15582	15747
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	30	31	-28	-30	-30	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		23	8	198	20	12	-13	36	25	12	-4	38	-8	-44	78	63	-74	-37	-25	10	-69	8	-20	36	
Interconnection		53	38	229	-9	-18	-43	7	-4	-18	-34	10	-37	-73	49	34	-102	-65	-53	-19	-98	-21	-49	6	
System Total		12584	12326	11856	11818	11660	11302	11189	11031	10976	10936	10681	10886	11063	11177	11022	11128	11820	12916	13845	14422	14933	15280	15496	15783
SRev ST-Coal		58	38	63	35	45	56	69	73	55	51	48	33	42	64	59	36	34	40	77	70	54	24	48	44
SRev ST-Oil		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 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		496	362	137	405	334	737	687	926	1071	1144	1370	1250	1125	1056	1213	1329	1129	592	354	162	89	148	129	146
SRev ST-Gas		0	0	18	43	38	37	37	67	68	70	71	72	74	74	74	74	76	76	75	76	41	15	14	8
SRev Co-Gen		-6	-7	-3	-7	-5	-7	-7	-7	-8	-8	-6	-7	-7	-6	-5	-6	-4	-2	1	2	5	7	6	7
Sycon		727	727	576	425	727	727	727	727	727	727	727	727	727	727	727	727	727	576	576	727	727	576	576	491
Hydro		126	125	111	264	127	128	134	131	122	129	134	130	127	256	274	121	85	185	135	87	257	112	196	149
S.Reserve Total		1401	1245	982	1165	1266	1678	1647	1887	2034	2111	2343	2204	2086	2020	2190	2282	2043	1587	1377	1034	1133	957	1086	910