

Availability at Daily Maximum Demand Hour

ST-Coal	1,350 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,342 MW
Hydro	1,757 MW
Distillate	0 MW
Total TNB	7,449 MW
Total IPP	11,095 MW
Total Co-Gen	0 MW
Total System	18,544 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	38,771	11.80 %
Gas	71,533	21.77 %
Hydro	10,501	3.20 %
<b>Total TNB</b>	<b>120,805</b>	<b>36.77 %</b>
ST-Coal	94,615	28.80 %
ST-Gas	5,523	1.68 %
Gas	107,510	32.72 %
<b>Total IPP</b>	<b>207,648</b>	<b>63.20 %</b>
Co-Gen	1,294	0.39 %
<b>Total Co-Gen</b>	<b>1,294</b>	<b>0.39 %</b>
<b>Total Generation</b>	<b>329,747</b>	<b>100.36 %</b>
PLTG	460	0.14 %
HVDC	728	0.22 %
<b>Interconnection</b>	<b>1,188</b>	<b>0.36 %</b>
<b>Net Energy</b>	<b>328,559</b>	<b>100.00 %</b>

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	17,095 MW
TNB Generation	5,807 MW
IPP Generation	10,228 MW
Spinning Reserve	1,039 MW
Maximum Demand	16,044 MW
Net Energy	328,559 MWH
Load Factor	85.32 %

Fuel Cost

Total Cost:	60,604,618.00 RM
Cost per Unit	18.89 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	213
Hydro	274
Syncon	337
Thermal	32
<b>Total</b>	<b>856</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	26
CBPS	58
GLGR	56
PAKA	116
PGPS	43
SRDG	47
TJGS	216
<b>Total TNB</b>	<b>562</b>

KLPP	82
MPSS	58
PDPS	39
PGLA	113
PKLG	16
PLPS	91
PTEK	32
SGRI	188
SKSP	55
YPGS	70
YPAK	122
PKLG	54
<b>Total IPP</b>	<b>920</b>
<b>Total Gas</b>	<b>1,483</b>

**Total Gas Required 1,483**

Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

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	12707	11957	11652	11417	11118	10986	11226	11331	11853	13743	14631	15281	15347	14931	15592	15890	16045	15517	14339	14275	15093	14921	14308	13878





### Daily MW Generation on Wednesday

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
KNYR	HY02	-1	60	82	79	79	80	83	77	79	93	42	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KNYR	HY03	0	60	62	68	68	63	71	59	66	63	13	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY04	0	59	60	65	65	64	63	60	61	62	58	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	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	25	25	25	25	25	25	25	25	25
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	38	111	80	80	80	-1	-1	-1	112	108
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	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	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	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	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	-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	38	38	42	45	43	43	43	41	44	44	39	44	44	46	44	36	34	37	41	34	35	40	32	34
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		167	370	381	399	395	386	402	369	397	399	281	182	183	209	181	174	171	177	239	256	177	446	507	
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	38	38	39	39	39	38	38	37	38	38	38	38	38	39	37	37	36	35	35	34	34	32	33	32
PCUF	CUFK	34	36	37	39	38	37	39	38	39	39	37	37	36	38	38	38	36	36	35	34	32	8	16	18
Total Co-Gen		72	74	76	78	77	75	77	75	77	75	75	75	75	76	75	73	72	70	69	66	42	48	50	51
Total Gen		12755	12488	12020	11867	11681	11694	11458	11321	11189	11216	11020	11098	11265	11519	11376	11390	11920	13041	13768	14381	14695	15100	15379	
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		31	30	30	30	30	31	31	30	31	30	30	29	30	30	31	31	31	31	30	30	30	30	30	31
TIE-PLTG		18	66	33	-31	-1	53	10	51	11	25	4	-15	9	21	15	53	37	39	-6	47	34	-26	67	
Intereconnection		-48	96	63	-1	29	84	41	81	41	55	34	15	39	51	45	84	67	69	25	77	64	5	98	
System Total		12707	12392	11957	11868	11652	11610	11417	11240	11118	11161	10986	11083	11226	11468	11331	11306	11853	12972	13743	14304	14631	15095	15281	
SRev ST-Coal		73	66	130	132	160	83	109	95	96	92	87	73	45	61	51	13	44	13	22	43	40	22	25	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	157	105	-6	91	23	
SRev CCGT-Gas		394	796	1135	1277	1430	1437	1663	1798	2032	1979	2062	1861	1522	1277	1350	1363	1355	675	191	212	106	96	193	
SRev ST-Gas		36	35	35	35	35	34	34	35	35	35	35	35	35	35	41	7	-1	-1	-1	-1	-1	-2	8	
SRev Co-Gen		4	2	-2	-1	1	-1	1	-1	1	1	1	1	1	1	3	4	6	7	10	34	28	26	25	
Syncon		725	473	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624	624
Hydro		126	375	215	195	199	208	192	225	197	195	313	111	110	235	112	119	122	116	205	188	116	223	162	
S.Reserve Total		1358	1747	2137	2261	2447	2388	2621	2777	2983	2924	3122	2806	2438	2183	2274	2258	2268	1539	995	1179	1098	918	978	