

Daily System Generation Summary on Friday

Friday, December 26, 2014

Availability at Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,703 MW
Hydro	1,908 MW
Distillate	0 MW
Total TNB	6,991 MW
Total IPP	10,269 MW
Total Co-Gen	0 MW
Total System	17,545 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	31,900	11.02 %
Gas	34,491	11.92 %
Hydro	38,875	13.43 %
Total TNB	105,266	36.37 %
ST-Coal	106,945	36.95 %
Gas	75,213	25.99 %
Total IPP	182,158	62.94 %
Co-Gen	1,056	0.36 %
Total Co-Gen	1,056	0.36 %
Total Generation	288,480	99.68 %
PLTG	-223	-0.08 %
HVDC	-695	-0.24 %
Interconnection	-918	-0.32 %
Net Energy	289,398	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:	11:30:00 Hour
Total Set On Bus	14,701 MW
TNB Generation	5,001 MW
IPP Generation	8,675 MW
Spinning Reserve	979 MW
Maximum Demand	13,778 MW
Net Energy	289,398 MWH
Load Factor	87.52 %

Fuel Cost

Total Cost:	32,537,518.22 RM
Cost per Unit	13.00 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	998
Hydro	116
Syncon	0
Thermal	53
Total	1,167

Time Weather Temperature

Afternoon	Rainy	28
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
CBPS	6
GLGR	51
PGPS	38
SRDG	13
TJGS	150
Total TNB	258
KLPP	87
MPSS	48
PDPS	4
PGLA	97
PKLG	1
PTEK	4
SGB3	37
SGRI	156
SKSP	46
YPGS	55
YPKA	53

Total IPP 588
Total Gas 846
Total Gas Required 846

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	11314	10912	10441	10255	9907	9772	9917	10207	10825	12492	13215	13699	13593	13043	13082	13430	13448	13325	12721	12728	13333	13130	12448	12076

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
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	15	14	13	13	14	13	13	12	14	13	14	13	13	15	15	16	17	18	17	17	17	16	17	17
PCUF	CUFK	32	33	33	30	30	29	30	31	32	32	32	34	34	31	30	30	28	29	28	29	27	29	29	29
Total Co-Gen		47	47	46	43	44	42	43	44	44	46	45	46	46	47	45	43	43	43	44	43	45	44	47	46
Total Gen		11278	11045	10850	10548	10452	10119	10182	10127	9875	9840	9789	9776	9867	10000	10157	10401	10740	11867	12448	12881	13192	13415	13678	13722
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		-28	-29	-29	-29	-30	-29	-29	-28	-28	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-8	-59	-33	-10	42	-54	-44	-11	-5	54	46	52	-21	-62	-21	4	-56	121	-15	-23	6	-2	7	-28
Interconnection		-36	-88	-62	-39	11	-82	-73	-38	-32	24	17	23	-50	-91	-50	-25	-85	93	-44	-53	-23	-30	-21	-56
Svstem Total		11314	11133	10912	10687	10441	10201	10255	10165	9907	9816	9772	9753	9917	10091	10207	10426	10825	11774	12492	12934	13215	13445	13699	13778
SRev ST-Coal		13	30	50	210	204	347	329	362	352	384	386	387	357	352	341	350	345	82	95	60	55	31	48	48
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		1287	1379	1342	1303	1278	1461	1423	1440	1558	1552	1579	1572	1504	1590	1718	1882	1855	1180	1165	971	770	749	734	625
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		29	29	30	33	32	34	33	32	32	30	31	30	30	29	31	33	33	33	32	33	31	32	29	30
Syncon		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro		64	78	59	73	61	65	60	66	208	216	237	236	268	274	272	271	265	472	278	167	159	153	91	102
S.Reserve Total		1393	1516	1481	1619	1575	1907	1845	1900	2150	2182	2233	2225	2159	2245	2362	2536	2498	1767	1570	1231	1072	1073	1023	979