

Daily System Generation Summary on Friday

Friday, October 24, 2014

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,192 MW
Hydro	1,656 MW
Distillate	0 MW
Total TNB	7,918 MW
Total IPP	9,308 MW
Total Co-Gen	0 MW
Total System	17,226 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,937	15.66 %
Gas	71,851	22.99 %
Hydro	15,010	4.80 %
Total TNB	135,798	43.45 %
ST-Coal	90,320	28.90 %
ST-Gas	4,864	1.56 %
Gas	79,844	25.55 %
Total IPP	175,028	56.00 %
Co-Gen	1,814	0.58 %
Total Co-Gen	1,814	0.58 %
Total Generation	312,640	100.03 %
PLTG	-627	-0.20 %
HVDC	729	0.23 %
Interconnection	102	0.03 %
Net Energy	312,538	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:	16:30:00 Hour
Total Set On Bus	15,722 MW
TNB Generation	6,855 MW
IPP Generation	7,760 MW
Spinning Reserve	1,027 MW
Maximum Demand	14,702 MW
Net Energy	312,538 MWH
Load Factor	88.58 %

Fuel Cost

Total Cost:	46,862,218.43 RM
Cost per Unit	15.74 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	398
Hydro	291
Syncon	149
Thermal	67
Total	905

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
CBPS	26
CBPS	49
GLGR	62
PAKA	102
PGGS	31
PGPS	43
SRDG	47
TJGS	216
Total TNB	575

KLPP	103
MPSS	58
PDPS	21
PGLA	5
PKLG	8
PLPS	125
PTEK	20
SGRI	214
SKSP	61
YPKA	34
PKLG	48
Total IPP	697
Total Gas	1,273
Total Gas Required	1,273

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	12512	11891	11476	11352	10947	10656	10868	10861	11317	13002	13890	14639	14636	14239	14465	14645	14675	14433	13594	13925	14223	13971	13512	13153

Friday, October 24, 2014

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	20	-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	65	-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	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
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	HY01	37	33	35	34	33	35	34	34	33	30	31	35	33	33	31	33	37	35	33	30	34	32	36	37
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	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	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	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		261	200	271	197	197	234	237	199	196	194	183	187	200	214	195	189	203	467	402	646	552	855	987	1066
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	CUPG	32	33	34	33	33	33	33	32	32	33	32	34	33	34	36	36	33	33	31	33	32	33	33	35
PCUF	CUPK	38	40	40	38	40	40	38	38	40	41	40	38	40	39	42	37	39	38	39	39	39	39	39	39
Total Co-Gen		70	73	74	71	73	73	71	70	72	74	72	72	73	73	78	73	72	71	70	72	69	72	72	74
Total Gen		12489	12061	11931	11567	11484	11462	11331	11117	10922	10813	10661	10788	10914	10907	10892	10769	11353	12320	13030	13492	13931	14237	14613	14632
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	31	32	32	29	29	32	31	30	30	30	31	31	30	29	31	29	32	32	29	31	29	29	31
TIE-PLTG		-53	-13	8	-35	-21	-15	-53	49	-55	-9	-23	-8	15	-30	1	-61	7	23	-3	-24	10	-17	-57	-74
Interconnection		-23	18	40	-3	8	14	-21	81	-25	21	5	22	46	0	31	-31	36	54	28	7	41	14	-26	-45
System Total		12512	12043	11891	11570	11476	11448	11352	11036	10947	10792	10656	10766	10868	10907	10861	10800	11317	12266	13002	13485	13890	14223	14639	14677
SRev ST-Coal		40	32	39	50	33	52	29	40	36	48	47	19	27	30	31	28	69	28	28	23	10	36	27	17
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	106	18	206	248	241	248	242
SRev CCGT-Gas		169	547	172	408	379	346	491	603	776	872	1017	920	798	903	899	1023	837	588	331	232	115	125	157	179
SRev ST-Gas		0	0	0	0	41	37	36	36	36	36	36	37	36	36	37	33	11	1	1	7	40	40	40	39
SRev Co-Gen		6	3	2	5	3	3	3	5	6	4	2	4	4	3	3	-2	3	4	5	6	4	7	4	4
Syncon		576	727	576	727	727	727	727	727	727	727	727	727	728	577	727	727	727	425	425	425	274	173	173	173
Hydro		207	117	197	120	120	83	80	118	121	123	134	130	116	253	122	128	114	152	217	213	337	287	456	377
S.Reserve Total		998	1426	986	1310	1303	1248	1366	1529	1702	1810	1963	1836	1710	1803	1818	1940	1787	1230	1107	1091	930	1036	1072	1031