

Daily System Generation Summary on Friday

Friday, November 13, 2015

Availability at Daily Maximum Demand Hour

ST-Coal	2,390 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,867 MW
Hydro	1,815 MW
Distillate	0 MW
Total TNB	8,072 MW
Total IPP	9,069 MW
Total Co-Gen	30 MW
Total System	17,741 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	53,082	16.21 %
Gas	72,880	22.25 %
Hydro	15,863	4.84 %
Total TNB	141,825	43.30 %
ST-Coal	106,074	32.39 %
Gas	78,041	23.83 %
Total IPP	184,115	56.21 %
Co-Gen	392	0.12 %
Total Co-Gen	392	0.12 %
Total Generation	326,332	99.63 %
PLTG	-496	-0.15 %
EGAT	-5	0.00 %
HVDC	-701	-0.21 %
Interconnection	-1,202	-0.37 %
Net Energy	327,534	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:	15:30:00 Hour
Total Set On Bus	16,762 MW
TNB Generation	6,774 MW
IPP Generation	8,577 MW
Spinning Reserve	1,395 MW
Maximum Demand	15,454 MW
Net Energy	327,534 MWH
Load Factor	88.31 %

Fuel Cost

Total Cost:	45,490,144.85 RM
Cost per Unit	14.65 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	546
Hydro	370
Syncon	441
Thermal	70
Total	1,427

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
CBPS	21
CBPS	59
GLGR	55
NPRI	13
PAKA	171
PGGS	9
SRDG	29
TJGS	222
Total TNB	578

KLPP	121
MPSS	8
PDPS	46
PKLG	23
PLPS	96
PTEK	51
SGB3	71
SGRI	192
SKSP	46
Total IPP	655

Total Gas	1,233
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Total Gas Required	1,233
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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	13236	12485	12066	11800	11440	11437	11624	11462	12059	13786	14640	15253	15279	14713	14964	15345	15374	14996	14075	14430	14704	14458	13891	13557

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
KNYR	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
KNYR	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
KNYR	HY04	58	54	94	99	92	97	70	69	72	78	64	83	97	96	69	88	69	99	53	91	93	98	65	83
LPIA	HY01	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
LPIA	HY02	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
MNOR	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
PGAU	HY01	20	21	20	20	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	113	86	86	113	112	92	87	87	20
PGAU	HY02	22	22	21	21	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	81	81	81	112	110	96	81	81	-1
PGAU	HY03	20	25	26	22	24	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	21	22	21	21	21	0	0	0	0	0	0	0	0	0	0	110	110	110	111	111	110	111	111	110
SIHY	HY01	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SIHY	HY02	51	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25
TMGR	HY01	31	31	41	42	38	38	38	37	35	36	36	38	39	39	39	38	36	83	28	35	36	82	38	38
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	28	0	0	0	0	0	0	0	0	0	0	0	0	0	35	33	84	36	37	31	32	33	34
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	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		519	517	555	535	525	442	373	371	326	369	355	376	415	411	362	380	358	699	877	934	936	1238	1098	970
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	5	5	6	5	6	5	5	6	6	7	6	5	6	5	6	5	5	4	5	5	4	4	5	5
PCUF	CUFK	10	11	10	11	13	30	30	10	9	11	10	11	10	11	11	12	10	11	10	9	9	9	8	10
Total Co-Gen		15	16	16	16	19	35	35	15	17	17	17	16	16	17	18	15	16	14	15	14	16	14	16	15
Total Gen		13213	12788	12389	12279	12016	11900	11754	11581	11432	11444	11353	11410	11557	11660	11414	11597	12024	13007	13773	14291	14547	15005	15224	15336
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		-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		6	71	-66	-18	-21	-20	-17	-47	21	-28	-55	-47	-39	23	-19	-33	-6	-22	16	-15	-63	-15	0	
Interconnection		-23	42	-96	-48	-50	-49	-46	-77	-8	-57	-85	-77	-67	-6	-48	-62	-35	-51	-13	-44	-93	-44	-29	
System Total		13236	12746	12485	12327	12066	11949	11890	11658	11440	11501	11437	11487	11624	11666	11462	11659	12059	13058	13786	14335	14640	15049	15253	15361
SRev ST-Coal		-57	-54	-26	122	111	99	122	127	126	122	119	107	108	94	116	149	155	125	179	-53	13	113	108	96
SRev CCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	111	180	13	214	150	79
SRev CCGT-Gas		506	561	632	403	580	713	768	914	1019	1056	1140	1113	1005	909	1086	876	742	403	407	371	383	245	384	230
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		15	14	14	14	11	-5	-5	15	15	13	13	13	14	14	14	13	12	15	14	16	15	16	14	16
Syncon		374	374	374	374	374	827	827	827	827	827	827	827	827	827	827	676	676	676	676	676	676	676	676	676
Hydro		716	718	571	567	577	57	126	128	95	130	144	125	235	239	137	119	141	101	360	302	300	197	337	314
S.Reserve Total		1554	1613	1565	1480	1653	1691	1838	2011	2082	2148	2243	2183	2038	1922	2180	1985	1878	1317	1511	1339	1250	1158	1369	1258