

Daily System Generation Summary on Tuesday

Tuesday, October 06, 2015

Availability at Daily Maximum Demand Hour

ST-Coal	2,900 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,604 MW
Hydro	1,786 MW
Distillate	0 MW
Total TNB	<u>8,290 MW</u>
Total IPP	<u>9,443 MW</u>
Total Co-Gen	<u>0 MW</u>
Total System	<u>17,733 MW</u>

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Gas Usage

Station	(mmscfd)
CBPS	6
CBPS	58
GLGR	55
PAKA	186
SRDG	8
TJGS	213

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	17,228 MW
TNB Generation	7,179 MW
IPP Generation	8,784 MW
Spinning Reserve	1,222 MW
Maximum Demand	16,101 MW
Net Energy	337,047 MWH
Load Factor	87.22 %

Total TNB

KLPP	49
MPSS	58
PDPS	20
PGLA	109
PKLG	9
PLPS	95
PTEK	16
SGB3	77
SGRI	156
SKSP	51
PKLG	110

Total IPP

Total Gas

Total Gas Required

Generation Mix

Type	MWh	Percentage
ST-Coal	64,996	19.28 %
Gas	68,777	20.41 %
Hydro	16,301	4.84 %
Total TNB	150,074	44.53 %
ST-Coal	94,798	28.13 %
ST-Gas	11,126	3.30 %
Gas	78,742	23.36 %
Total IPP	184,666	54.79 %
Co-Gen	1,173	0.35 %
Total Co-Gen	1,173	0.35 %
Total Generation	335,913	99.66 %
PLTG	-435	-0.13 %
HVDC	-699	-0.21 %
Interconnection	-1,134	-0.34 %
Net Energy	337,047	100.00 %

Fuel Cost

Total Cost:	43,101,893.30 RM
Cost per Unit	13.48 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	610
Hydro	218
Syncon	372
Thermal	133
Total	1,333

Time Weather Temperature

Afternoon	Cloudy	35
Morning	Cloudy	26

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	13520	12875	12394	11994	11679	11541	11568	11727	12378	14202	15121	15901	15753	15472	15900	16055	15900	15490	14598	14761	15066	15018	14292	13733

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Checked By: -Select Name-

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(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Tuesday

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	-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	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	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	HY04	20	-1	-1	-1	-1	-1	19	-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
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	-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	HY02	35	37	34	34	33	35	33	33	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total Hydro		278	256	220	223	220	219	218	240	218	182	174	173	178	215	200	206	211	385	523	821	956	1292	1380	1343
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	32	33	33	30	31	31	31	31	31	30	32	31	30	29	31	31	29	29	28	29	27	27	27	27
PCUF	CUFK	22	22	24	23	23	23	23	21	24	23	22	23	24	23	24	23	22	24	21	18	18	17	17	18
Total Co-Gen		54	55	57	53	54	54	54	52	55	53	54	53	54	55	52	51	50	53	48	45	45	43	43	
Total Gen		13507	13017	12786	12518	12332	12128	11985	11771	11669	11569	11482	11481	11512	11690	11659	11819	12260	13358	14226	14700	15100	15488	15832	15934
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	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		16	-78	-60	-30	-32	-43	20	2	19	6	-30	-7	-26	30	-38	-9	-88	-6	53	58	8	-39	-40	-52
Interconnection		-13	-107	-89	-60	-62	-72	-9	-27	-10	-23	-89	-37	-56	1	-68	-39	-118	-35	24	29	-21	-68	-69	-81
System Total		13520	13124	12875	12578	12394	12200	11994	11798	11679	11592	11541	11518	11568	11689	11727	11858	12378	13393	14202	14671	15121	15556	15904	16015
SRev ST-Coal		119	199	188	173	134	129	121	148	134	136	124	125	118	137	118	78	95	131	127	99	116	114	172	138
SRev CCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	53	213	106	136	235	231	237
SRev CCGT-Gas		534	771	646	955	1115	1320	1469	1649	1755	1821	1924	1922	1903	1741	1776	1665	1253	880	604	481	497	514	444	439
SRev ST-Gas		3	85	76	77	75	74	74	75	75	75	75	75	75	75	75	75	79	34	8	5	4	4	4	4
SRev Co-Gen		-10	-11	-15	-9	-10	-10	-10	-8	-11	-9	-10	-10	-9	-9	-10	-11	-8	-7	-6	-9	-4	-1	-1	1
Syncon		676	827	827	827	827	827	676	827	827	827	827	827	827	827	827	676	827	827	625	625	453	453	302	0
Hydro		204	75	111	108	111	112	113	242	113	110	118	119	114	77	243	86	81	209	197	306	221	209	400	135
S.Reserve Total		1526	1946	1835	2111	2252	2452	2594	2780	2896	2958	3059	3058	3027	2848	2879	2721	2320	1916	1580	1341	1369	1192	1232	1124