

## Daily System Generation Summary on Monday

Monday, November 02, 2015

### Availability at Daily Maximum Demand Hour

ST-Coal	2,395 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,289 MW
Hydro	1,908 MW
Distillate	0 MW
Total TNB	<u>7,592 MW</u>
Total IPP	<u>10,466 MW</u>
Total Co-Gen	<u>0 MW</u>
Total System	<u>18,633 MW</u>

### Generation Mix

Type	MWh	Percentage
ST-Coal	49,176	15.20 %
Gas	62,996	19.47 %
Hydro	12,973	4.01 %
<b>Total TNB</b>	<b>125,145</b>	<b>38.67 %</b>
ST-Coal	116,853	36.11 %
Gas	80,729	24.95 %
<b>Total IPP</b>	<b>197,582</b>	<b>61.05 %</b>
<b>Total Co-Gen</b>	<b>80,729</b>	<b>24.95 %</b>
<b>Total Generation</b>	<b>322,727</b>	<b>99.73 %</b>
PLTG	-191	-0.06 %
HVDC	-698	-0.22 %
<b>Interconnection</b>	<b>-889</b>	<b>-0.27 %</b>
<b>Net Energy</b>	<b>323,616</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:	15:30:00 Hour
Total Set On Bus	17,237 MW
TNB Generation	6,443 MW
IPP Generation	9,418 MW
Spinning Reserve	1,375 MW
Maximum Demand	15,974 MW
Net Energy	323,616 MWH
Load Factor	84.41 %

### Fuel Cost

Total Cost:	43,715,505.90 RM
Cost per Unit	14.10 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	261
Hydro	255
Syncon	589
Thermal	143
<b>Total</b>	<b>1,248</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Cloudy	26

### Gas Usage

Station	(mmscfd)
CBPS	27
CBPS	58
GLGR	55
PAKA	100
PGGS	24
SRDG	27
TJGS	208
<b>Total TNB</b>	<b>499</b>
KLPP	121
MPSS	60
PDPS	33
PKLG	23
PLPS	100
PTEK	19
SGB3	36
SGRI	209
SKSP	53
<b>Total IPP</b>	<b>655</b>
<b>Total Gas</b>	<b>1,154</b>
<b>Total Gas Required</b>	<b>1,154</b>

### 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	11841	11353	11036	10656	10466	10431	10717	10808	11737	13806	14675	15467	15484	15205	15796	15910	15935	15319	14337	14646	14943	14786	14146	13581

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Pengurus Besar Kanan  
Jabatan Sistem Operasi





Daily MW Generation on Monday

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	-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	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	50	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	16	16	16	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	16	16	16	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	16	16	16	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	16	16	16	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	35	34	38	32	45	35	30	22	37	35	34	36	82	82	82	82	82	82	82	82	82	82	82	82
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	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		366	365	369	401	422	402	389	374	307	324	302	300	304	434	413	339	348	408	565	605	602	790	974	1093
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	0	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
Total Co-Gen		0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Gen		11774	11612	11298	11007	10911	10707	10634	10600	10432	10415	10388	10447	10669	11038	10835	10960	11728	12952	13809	14326	14657	15044	15465	15618
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		-38	-20	-25	8	-97	-16	7	22	-5	25	-14	-46	-19	67	56	-20	20	62	33	-21	11	-26	27	
Interconnection		-67	-48	-58	-22	-125	-44	-22	-7	-34	-4	-43	-75	-48	38	27	-50	-9	33	3	-50	-18	-55	-2	
System Total		11841	11660	11353	11029	11036	10751	10656	10607	10466	10419	10431	10522	10717	11080	10808	11010	11737	12919	13806	14376	14675	15099	15467	
SRev ST-Coal		740	742	738	743	741	743	742	748	741	744	749	744	748	747	744	747	746	575	173	126	127	109	175	
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		305	184	265	173	345	516	575	589	704	1143	1157	1104	882	770	950	901	576	546	329	254	167	84	159	
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		5	4	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4
Syncon		852	852	852	852	852	852	852	852	701	852	852	852	852	701	852	852	852	852	701	575	575	424	424	
Hydro		149	150	146	114	93	113	126	141	108	242	113	115	111	132	2	76	67	82	140	280	283	246	271	
S.Reserve Total		2051	1932	2005	1886	2035	2228	2299	2334	2434	2833	2874	2818	2596	2354	2552	2580	2245	2059	1247	1287	1160	886	1161	