

Daily System Generation Summary on Monday

Monday, July 25, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,596 MW
Hydro	2,039 MW
Distillate	0 MW
Total TNB	5,635 MW
Total IPP	13,584 MW
Total Co-Gen	0 MW
Total System	19,783 MW

Generation Mix

Type	MWh	Percentage
Gas	50,892	15.33 %
Hydro	11,314	3.41 %
Total TNB	62,206	18.73 %
ST-Coal	156,317	47.08 %
Gas	112,742	33.95 %
Total IPP	269,059	81.03 %
Co-Gen	401	0.12 %
Total Co-Gen	401	0.12 %
Total Generation	331,666	99.89 %
PLTG	-1,104	-0.33 %
HVDC	723	0.22 %
Interconnection	-381	-0.11 %
Net Energy	332,047	100.00 %

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	17,231 MW
TNB Generation	3,465 MW
IPP Generation	12,462 MW
Spinning Reserve	1,289 MW
Maximum Demand	15,992 MW
Net Energy	332,047 MWH
Load Factor	86.51 %

Fuel Cost

Total Cost:	45,033,926.25 RM
Cost per Unit	14.06 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	333
Hydro	241
Syncon	705
Thermal	240
Total	1,519

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

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	12796	12145	11775	11353	11044	10978	11319	11313	11886	13964	14900	15524	15468	15079	15627	15828	15905	15619	14541	14316	15372	15330	14885	14462

Gas Usage

Station	(mmscfd)
CBPS	38
GLGR	32
PAKA	29
PGPS	51
SRDG	23
TJGS	211
Total TNB	383
KLPP	109
MPSS	31
NPRI	146
PDPS	21
PGLA	108
PKLG	12
PLPS	106
PTEK	41
SGB3	49
SGRI	208
SKSP	52
Total IPP	881
Total Gas	1,264
Total Gas Required	1,264

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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Printed on: Tuesday, July 26, 2016 8:01:30 AM

(Curcharan Singh)
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
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	31	31	31	32	32	31	31	30	31	30	31	31	34	30	34	33	32	31	34	32	33	32	62	61
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
UJLI	HY02	0	0	0	0	-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
Total Hydro		160	162	161	164	180	223	240	181	221	241	216	219	427	405	409	428	405	404	410	405	524	722	881	855
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
PCUP	CUFK	17	17	18	17	19	18	17	18	16	17	16	16	16	16	16	17	17	17	17	17	17	17	17	17
Total Co-Gen		17	17	18	17	19	18	17	18	16	17	16	16	16	16	16	17	17	17	17	17	17	17	17	17
Total Gen		12786	12380	12154	11913	11736	11432	11314	11087	11054	10961	10941	10983	11317	11472	11378	11341	11882	13117	13948	14436	14914	15283	15533	15619
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		30	30	31	31	31	31	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
TIE-PLTG		-38	-60	-22	-30	-70	-43	-69	-59	-20	-28	-67	-55	-32	30	34	-21	-34	-29	-46	-31	-16	-16	-21	-120
Interconnection		-8	-30	9	0	-39	-12	-39	-29	10	2	-37	-25	-2	60	65	10	-4	1	-16	-1	14	15	9	-90
System Total		12796	12420	12145	11913	11775	11444	11353	11116	11044	10959	10978	11008	11319	11412	11313	11331	11886	13116	13864	14437	14900	15268	15524	15709
SRev ST-Coal		335	338	333	401	408	393	394	397	399	398	397	399	401	404	398	403	399	407	302	230	237	229	238	235
SRev CCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-7	100	-9	-8	-5	-6
SRev CCGT-Gas		545	944	1183	1364	1546	1917	2046	2205	2277	2493	2580	2551	2368	2557	2638	2198	955	580	398	206	252	259	191	502
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		10	10	9	10	6	9	10	9	11	10	11	11	11	11	11	10	10	10	10	10	10	10	10	10
Syncon		952	851	851	851	851	862	862	862	711	862	862	610	761	761	761	761	761	761	624	624	624	624	624	473
Hydro		149	148	149	146	190	186	169	228	188	319	193	190	234	105	101	233	105	106	100	105	237	190	332	443
S.Reserve Total		1995	2295	2529	2776	3007	3371	3485	3805	3841	4035	4147	4246	3911	3753	3828	3895	3473	2239	1754	1497	1425	1296	1304	1348