

Daily System Generation Summary on Saturday

Saturday, March 12, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	5,504 MW
Hydro	1,710 MW
Distillate	0 MW
Total TNB	10,294 MW
Total IPP	10,382 MW
Total Co-Gen	44 MW
Total System	21,002 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	65,077	19.73 %
Gas	82,222	24.93 %
Hydro	9,479	2.87 %
Total TNB	156,778	47.53 %
ST-Coal	121,203	36.74 %
Gas	50,078	15.18 %
Total IPP	171,281	51.93 %
Co-Gen	1,042	0.32 %
Total Co-Gen	1,042	0.32 %
Total Generation	329,101	99.77 %
PLTG	-124	-0.04 %
HVDC	-635	-0.19 %
Interconnection	-759	-0.23 %
Net Energy	329,860	100.00 %

Maximum Demand Record

Date: 3/9/2016	17,175 MW
Date: 3/10/2016	359,307 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	16,480 MW
TNB Generation	6,937 MW
IPP Generation	7,964 MW
Spinning Reserve	1,534 MW
Maximum Demand	15,004 MW
Net Energy	329,860 MWH
Load Factor	91.60 %

Fuel Cost

Total Cost:	41,383,818.20 RM
Cost per Unit	12.94 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	433
Hydro	352
Syncon	482
Thermal	217
Total	1,484

Time Weather Temperature

Afternoon	Sunny	28
Morning	Hot	32

Gas Usage

Station	(mmscfd)
CBPS	56
GLGR	54
NPRI	145
PAKA	47
PGPS	51
SRDG	10
TJGS	218
Total TNB	581

KLPP	69
MPSS	59
PDPS	5
PGLA	112
PKLG	3
PLPS	78
PTEK	11
SGRI	62
SKSP	1
Total IPP	401
Total Gas	982

Total Gas Required 982

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	14623	14039	13592	13114	12674	12379	12270	12031	11715	12834	13600	14266	14247	13957	14538	14599	14585	14330	13742	13745	14986	14894	14440	14413

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Checked By: -Select Name-

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(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Saturday

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
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	CUFK	27	27	27	27	25	25	24	25	25	25	25	24	25	24	24	23	24	24	24	27	26	27	26	27
PCUF	CUFK	19	19	18	16	18	19	18	17	18	17	18	19	19	19	17	24	21	20	19	18	18	18	19	19
Total Co-Gen		46	46	45	43	43	44	42	42	44	41	43	44	43	43	43	44	43	41	42	42	42	42	41	40
Total Gen		14611	14242	13948	13638	13536	13329	12961	12595	12810	12838	12311	12197	12205	12189	12001	11700	11662	12243	12787	13197	13594	14034	14242	14380
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	-29	-29	-29	-29	-149	-291	151	304	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30
TIE-PLTG		17	-25	-62	-18	-27	20	-4	-13	-15	-2	-38	-32	-36	32	-1	-10	-25	-15	-17	14	23	6	4	-19
Interconnection		-12	-54	-91	-47	-56	-10	-153	-304	136	302	-68	-61	-65	3	-30	-39	-53	-45	-47	-16	-6	-23	-24	-48
System Total		14623	14296	14039	13685	13592	13339	13114	12899	12674	12536	12379	12258	12270	12186	12031	11739	11715	12288	12834	13213	13600	14057	14266	14428
SRev ST-Coal		89	120	119	134	138	118	126	177	194	199	153	181	170	165	106	111	262	107	110	105	253	266	255	140
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	4	52
SRev CCGT-Gas		576	665	349	317	422	634	994	1320	1110	977	1345	1391	1243	1268	1449	1619	1526	1121	660	498	247	210	327	186
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		-2	-2	-1	1	1	0	2	2	0	3	1	0	1	1	1	1	0	1	3	-3	-1	0	2	2
Syncon		378	424	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	374	525	525	525	439	439	439
Hydro		369	372	373	413	407	423	419	402	391	382	414	421	414	412	414	438	418	546	359	379	389	384	452	426
S.Reserve Total		1410	1579	1365	1390	1493	1700	2066	2426	2119	2086	2438	2518	2353	2371	2495	2694	2732	2148	1655	1510	1411	1298	1473	1193