

Daily System Generation Summary on Tuesday

Tuesday, January 10, 2017

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,074 MW
Hydro	2,509 MW
Distillate	0 MW
Total TNB	5,583 MW
Total IPP	14,583 MW
Total Co-Gen	0 MW
Total System	20,166 MW

Generation Mix

Type	MWh	Percentage
Gas	58,597	16.46 %
Hydro	9,478	2.66 %
Total TNB	68,075	19.13 %
ST-Coal	182,196	51.19 %
Gas	106,886	30.03 %
Total IPP	289,082	81.22 %
Co-Gen	498	0.14 %
Total Co-Gen	498	0.14 %
Total Generation	357,655	100.49 %
PLTG	1,025	0.29 %
HVDC	727	0.20 %
Interconnection	1,752	0.49 %
Net Energy	355,903	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:	16:00:00 Hour
Total Set On Bus	18,740 MW
TNB Generation	3,885 MW
IPP Generation	13,139 MW
Spinning Reserve	1,695 MW
Maximum Demand	16,964 MW
Net Energy	355,903 MWH
Load Factor	87.42 %

Fuel Cost

Total Cost:	60,749,039.75 RM
Cost per Unit	17.45 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	304
Hydro	394
Syncon	954
Thermal	198
Total	1,850

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	54
PAKA	195
PGPS	43
SRDG	20
TJGS	109
Total TNB	470
CBPS	54
KLPP	96
MPSS	52
NPRI	144
PDPS	27
PGLA	106
PKLG	4
PLPS	70
PTEK	44
SGRI	172
SKSP	56
Total IPP	824
Total Gas	1,294
Total Gas Required	1,294

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	14395	13763	13204	12722	12437	12380	12517	12418	12739	14405	15270	16146	16171	15819	16435	16944	16964	16587	15395	15052	16212	16222	15743	15334

Prepared By: Kannathason a/I Karuppiyah

Checked By: -Select Name-

Printed on: Wednesday, January 11, 2017 7:41:54 AM

(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi



Daily MW Generation on Tuesday

Table with columns for Station, Unit, and hourly generation (0000 to 2300) for various units including JMAH, JMJC, PKLG, TBN, and CBPS. Includes summary rows for Total-ST-Coal, Total-ST-Oil, and Total-ST-Gas.

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
SIHY	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	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	-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	HY04	38	49	39	43	40	40	41	41	39	37	34	34	39	44	38	33	43	44	39	35	35	41	41	41
UJLI	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
UJLI	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
UPLA	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Total Hydro		155	178	158	167	160	161	160	161	179	170	146	147	157	193	155	145	166	167	163	156	261	433	441	681
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	CUPK	22	19	19	21	22	20	21	21	20	22	21	20	19	21	21	21	21	22	20	21	20	20	20	21
Total Co-Gen		22	19	19	21	22	20	21	21	20	22	21	20	19	21	21	21	22	20	21	20	20	20	22	21
Total Gen		14470	14099	13868	13477	13256	13059	12793	12722	12360	12505	12472	12439	12584	12764	12524	12424	12795	13791	14410	14973	15277	15874	16142	
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		31	30	30	30	30	31	31	30	30	31	31	31	31	30	29	29	30	30	31	31	31	31	30	
TIE-PLTG		44	72	75	40	22	56	40	42	93	70	62	123	36	33	76	55	25	-6	-24	-5	-23	-31	-35	
Interconnection		75	103	105	70	52	87	71	73	123	100	92	154	67	63	106	85	56	23	5	25	7	0	-1	
System Total		14395	13996	13763	13407	13204	12972	12722	12649	12437	12405	12380	12284	12517	12701	12418	12339	12739	13768	14405	14948	15270	15874	16146	
SRev ST-Coal		266	284	274	322	309	270	277	270	278	276	278	278	265	264	278	288	264	269	280	272	211	177	166	
SRev CCGT-Gas		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		460	564	784	1040	1269	1502	1760	1836	2009	2062	2066	2099	1975	1833	2021	2101	1776	1268	902	540	487	170	117	
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	
SRev Co-Gen		-2	1	1	-1	-2	0	-1	-1	0	-2	-1	0	1	-1	-1	-1	-1	-2	0	-1	0	0	0	
Syncon		1454	1454	1454	1454	1454	1454	1454	1303	1303	1454	1454	1454	1303	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	
Hydro		137	114	134	125	132	131	132	131	264	273	146	145	135	250	137	147	126	125	129	136	131	297	289	
S.Reserve Total		2315	2417	2647	2940	3162	3357	3622	3690	3854	3912	3943	3976	3630	3649	3889	3989	3619	3115	2763	2402	2382	1839	1676	