

Daily System Generation Summary on Sunday

Sunday, October 25, 2015

Availability at Daily Maximum Demand Hour

ST-Coal	3,030 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,106 MW
Hydro	1,786 MW
Distillate	0 MW
Total TNB	7,922 MW
Total IPP	9,014 MW
Total Co-Gen	0 MW
Total System	17,218 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	66,649	22.59 %
Gas	47,369	16.06 %
Hydro	8,115	2.75 %
Total TNB	122,133	41.40 %
ST-Coal	97,881	33.18 %
Gas	73,861	25.04 %
Total IPP	171,742	58.22 %
Co-Gen	74	0.03 %
Total Co-Gen	74	0.03 %
Total Generation	293,949	99.65 %
PLTG	-461	-0.16 %
HVDC	-582	-0.20 %
Interconnection	-1,043	-0.35 %
Net Energy	294,992	100.00 %

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:	21:00:00 Hour
Total Set On Bus	14,991 MW
TNB Generation	5,840 MW
IPP Generation	8,063 MW
Spinning Reserve	1,086 MW
Maximum Demand	13,944 MW
Net Energy	294,992 MWH
Load Factor	88.15 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	319
Hydro	159
Syncon	616
Thermal	109
Total	1,203

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	5
CBPS	41
GLGR	53
PAKA	94
SRDG	5
TJGS	166
Total TNB	364
KLPP	76
MPSS	45
PDPS	5
PGLA	110
PKLG	4
PLPS	95
PTEK	5
SGRI	190
SKSP	53
Total IPP	582
Total Gas	946
Total Gas Required	946

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	12880	12425	11971	11546	11263	11074	11169	10820	10464	10998	11746	12365	12511	12480	12759	12905	12876	12587	12300	13060	13797	13944	13662	13203

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, October 28, 2015 9:48:30 AM

(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Sunday

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
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
UPLA	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
UPLA	HY02	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		193	187	270	300	313	214	191	189	180	198	196	232	248	254	206	203	200	173	203	198	199	233	221	269
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	-5	-3	-4	-5	-4	-4	-3	-4	-3	-5	-3	-4	-4	-3	-3	-2	-3	-3	-4	-5	-5	-6	-6	-5
PCUF	CUFK	8	7	8	7	8	8	7	8	8	7	8	8	7	8	7	9	8	8	8	8	8	8	8	8
Total Co-Gen		3	4	4	2	4	4	5	3	5	3	4	4	4	3	5	4	7	5	5	4	3	3	2	2
Total Gen		12776	12570	12416	12134	11941	11767	11533	11397	11271	11092	10993	11075	11092	11133	10833	10395	10358	10618	10905	11365	11675	12019	12277	12377
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		-28	0	0	0	0	0	0	0	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-76	-24	-9	-51	-30	-33	-13	-2	8	1	-52	-48	-47	-35	42	-37	-77	131	-64	4	-41	-58	-60	-30
Interconnection		-104	-24	-9	-51	-30	-33	-13	-2	8	-28	-81	-78	-77	-64	13	-66	-106	102	-93	-26	-71	-86	-88	-87
System Total		12880	12594	12425	12185	11971	11800	11546	11399	11263	11120	11074	11153	11169	11197	10820	10461	10464	10716	10998	11391	11746	12105	12365	12435
SRev ST-Coal		30	41	47	-29	38	33	42	62	60	43	37	43	11	25	126	188	228	307	283	186	117	85	67	100
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		586	325	279	665	459	539	742	854	975	1187	1291	1239	1270	1220	1341	1609	1541	965	882	825	948	661	408	321
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		-3	-4	-4	-2	-4	-4	-5	-3	-5	-3	-4	-4	-4	-3	-5	-4	-7	-5	-5	-4	-3	-3	-2	-2
Syncon		827	676	726	726	575	575	726	726	726	726	575	424	575	575	726	726	726	726	726	726	726	726	726	726
Hydro		217	273	240	132	170	269	141	143	152	134	136	185	320	315	212	130	132	159	129	136	135	121	113	216
S.Resorvc Total		1769	1311	1288	1492	1238	1412	1646	1782	1908	2087	2186	2189	2172	1981	2239	2498	2620	2152	2015	1869	1923	1590	1312	1210