



Daily System Generation Summary on Monday

Monday, September 26, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,395 MW
Hydro	2,138 MW
Distillate	0 MW
Total TNB	5,533 MW
Total IPP	13,476 MW
Total Co-Gen	20 MW
Total System	19,029 MW

Generation Mix

Type	MWh	Percentage
Gas	65,651	18.70 %
Hydro	12,123	3.45 %
Total TNB	77,774	22.15 %
ST-Coal	181,714	51.76 %
ST-Gas	2,867	0.82 %
Gas	89,146	25.39 %
Total IPP	273,727	77.97 %
Co-Gen	321	0.09 %
Total Co-Gen	321	0.09 %
Total Generation	351,822	100.21 %
PLTG	280	0.08 %
EGAT	-4	0.00 %
HVDC	469	0.13 %
Interconnection	745	0.21 %
Net Energy	351,077	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:	15:30:00 Hour
Total Set On Bus	18,441 MW
TNB Generation	4,326 MW
IPP Generation	12,705 MW
Spinning Reserve	1,396 MW
Maximum Demand	17,007 MW
Net Energy	351,077 MWH
Load Factor	86.01 %

Fuel Cost

Total Cost:	47,393,129.90 RM
Cost per Unit	13.95 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	423
Hydro	324
Syncon	690
Thermal	140
Total	1,577

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	13
GLGR	55
PAKA	158
PGPS	43
SRDC	31
TJGS	213
Total TNB	514
CBPS	53
MPSS	50
NPRI	76
PDPS	22
PGLA	107
PKLG	16
PLPS	99
PTEK	36
SGB3	93
SGRI	103
SKSP	51
PKLG	29
Total IPP	734
Total Gas	1,248
Total Gas Required	1,248

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	13631	13015	12612	12081	11788	11627	11824	11815	12590	14481	15559	16222	16219	15911	16540	16861	16970	16505	15393	15152	16207	16074	15659	15366

Prepared By: Ibrahim bin Said

Checked By: -Select Name-

Printed on: Tuesday, September 27, 2016 3:02:31 AM

(Gurcharan 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
SIHY	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
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	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	HY02	30	31	32	30	32	29	28	24	16	29	28	31	33	34	32	32	33	83	81	82	82	81	33	31
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	79	34	32	-1	-1	-1	-1
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	80	80	80	80	80	80
UJLI	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
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
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		277	179	160	157	159	177	152	141	125	175	151	158	161	185	159	160	162	160	276	495	682	626	711	
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	14	14	13	12	13	14	13	13	14	14	12	14	14	12	13	13	13	14	13	14	14	13	13	13
Total Co-Gen		14	14	13	12	13	14	13	13	14	14	12	14	14	12	13	13	13	14	13	14	14	13	13	13
Total Gen		13699	13262	13063	12747	12647	12279	12114	12015	11887	11715	11692	11717	11890	12142	11931	12019	12577	13766	14520	15213	15589	15922	16242	
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	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
TIE-PLTG		37	-46	17	14	4	5	-2	36	69	10	35	-2	35	64	86	20	-44	-50	8	-41	0	6	-11	
Interconnection		68	-15	48	45	35	35	33	67	99	41	65	29	66	95	116	51	-13	-19	39	-10	30	37	20	
System Total		13631	13277	13015	12702	12612	12244	12081	11948	11798	11674	11627	11688	11824	12047	11815	11958	12590	13785	14481	15223	15559	15885	16222	
SRev ST-Coal		271	283	175	172	167	160	104	108	131	114	99	62	75	48	93	120	111	119	137	130	114	126	112	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	120	69	19	55	
SRev CCGT-Gas		319	725	426	741	849	1243	1438	1522	1612	1715	1863	1884	1786	1502	1696	1663	1468	956	446	308	388	421	383	
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	29	29	30	32	33	34	35	38	43	16	
SRev Co-Gen		6	6	7	8	7	6	7	7	6	6	8	6	8	7	7	7	6	7	6	6	6	7	7	7
Syncon		1163	1264	1264	1264	1264	1113	1264	1264	1264	1113	1264	1264	1264	1264	1037	810	810	735	548	548	760	1048	598	
Hydro		270	267	136	139	137	270	144	155	171	272	145	138	135	262	137	136	134	136	170	178	218	274	274	
S Reserve Total		2029	2545	2008	2324	2424	2792	2957	3056	3184	3220	3379	3354	3265	2933	3197	3180	3013	2510	2054	1727	1689	1740	1565	