

Daily System Generation Summary on Monday

Monday, October 17, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,055 MW
Hydro	2,421 MW
Distillate	0 MW
Total TNB	5,476 MW
Total IPP	14,271 MW
Total Co-Gen	53 MW
Total System	19,800 MW

Generation Mix

Type	MWh	Percentage
Gas	55,219	16.30 %
Hydro	9,512	2.81 %
Total TNB	64,731	19.11 %
ST-Coal	198,273	58.52 %
ST-Gas	4,009	1.18 %
Gas	69,703	20.57 %
Total IPP	271,985	80.28 %
Co-Gen	1,195	0.35 %
Total Co-Gen	1,195	0.35 %
Total Generation	337,911	99.74 %
PLTG	-187	-0.06 %
HVDC	-698	-0.21 %
Interconnection	-885	-0.26 %
Net Energy	338,796	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	17,946 MW
TNB Generation	3,730 MW
IPP Generation	12,434 MW
Spinning Reserve	1,733 MW
Maximum Demand	16,290 MW
Net Energy	338,796 MWH
Load Factor	86.66 %

Fuel Cost

Total Cost:	45,196,617.00 RM
Cost per Unit	13.83 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	278
Hydro	320
Syncon	1,092
Thermal	192
Total	1,882

Time	Weather	Temperature
Afternoon	Sunny	34
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
CBPS	13
GLGR	19
PAKA	153
PGPS	26
SRDG	10
TJGS	203
Total TNB	424
KLPP	88
MPSS	31
NPRI	144
PGLA	9
PTEK	14
SGB3	58
SGRI	183
PKLG	40
Total IPP	568
Total Gas	991
Total Gas Required	991

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	12949	12264	11832	11539	11176	11163	11480	11483	12332	14255	15200	15772	15809	15487	15931	16206	16242	15754	14657	15133	15701	15632	15126	14561

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
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
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		154	151	152	155	155	177	180	158	157	155	170	173	173	211	186	190	194	190	187	330	458	689	848	853
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	CUFG	33	32	33	33	33	32	33	34	33	33	34	34	34	33	33	34	33	33	34	32	32	32	31	30
PCUF	CUFK	18	18	18	19	18	18	18	20	17	17	18	18	19	19	17	17	18	18	19	19	17	19	18	18
Total Co-Gen		51	50	51	52	51	51	50	53	51	50	51	52	53	53	51	50	51	52	49	48	49	48	49	48
Total Gen		12921	12578	12205	12103	11802	11643	11517	11291	11213	11114	11124	11232	11454	11730	11484	11581	12274	13454	14216	14819	15212	15495	15711	15886
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		-29	-29	-30	-30	-29	-30	-29	-29	-28	-28	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-30	-30	-28	-28
TIE-PLTC		1	32	-29	-4	-1	28	7	-57	66	14	-11	0	3	13	30	-12	-29	-49	-10	-3	40	-38	-31	-47
Interconnection		-28	3	-59	-34	-30	-2	-22	-86	37	-15	-39	-28	-26	-16	1	-41	-58	-79	-39	-32	12	-66	-61	-76
System Total		12949	12575	12264	12137	11832	11645	11539	11377	11176	11129	11163	11260	11480	11746	11483	11622	12332	13533	14255	14851	15200	15561	15772	15962
SRev ST-Coal		174	173	157	162	486	569	630	714	729	729	731	738	727	715	719	711	717	263	317	231	186	188	180	172
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-9	174	61	57	50	32	70
SRev CCGT-Gas		801	1133	1524	1470	1446	1136	1549	1399	1462	1560	1567	1457	1164	1322	1537	1455	908	977	583	317	217	271	379	359
SRev ST-Gas		38	38	38	37	37	38	38	37	37	38	38	38	38	37	37	38	38	42	17	11	5	1	-1	0
SRev Co-Gen		2	3	2	1	2	2	3	0	2	3	2	1	0	0	2	3	2	1	1	3	2	2	3	4
Syncon		1201	1352	1352	1352	1201	1201	1352	1352	1352	1352	1352	1352	1352	1201	1352	1352	1352	1352	1251	1251	999	999	848	1201
Hydro		135	137	136	133	133	262	259	130	131	133	143	140	140	278	152	148	144	148	151	108	299	193	286	281
S.Reserve Total		2356	2841	3214	3160	3461	3213	3685	3637	3718	3820	3838	3731	3426	3558	3804	3712	3166	2788	2417	2201	2021	1963	1895	1846