

Daily System Generation Summary on Tuesday

Tuesday, February 17, 2015

Availability at Daily Maximum Demand Hour

ST-Coal	2,420 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,024 MW
Hydro	1,845 MW
Distillate	0 MW
Total TNB	8,289 MW
Total IPP	11,418 MW
Total Co-Gen	76 MW
Total System	20,353 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	55,379	17.12 %
Gas	38,075	11.77 %
Hydro	14,738	4.56 %
Total TNB	108,192	33.45 %
ST-Coal	110,043	34.02 %
Gas	103,990	32.15 %
Total IPP	214,033	66.16 %
Co-Gen	1,217	0.38 %
Total Co-Gen	1,217	0.38 %
Total Generation	323,442	99.99 %
PLTG	656	0.20 %
HVDC	-701	-0.22 %
Interconnection	-45	-0.01 %
Net Energy	323,487	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:	14:30:00 Hour
Total Set On Bus	16,393 MW
TNB Generation	5,171 MW
IPP Generation	10,010 MW
Spinning Reserve	1,162 MW
Maximum Demand	15,236 MW
Net Energy	323,487 MWH
Load Factor	88.47 %

Fuel Cost

Total Cost:	40,778,668.25 RM
Cost per Unit	14.08 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	532
Hydro	717
Syncon	161
Thermal	137
Total	1,547

Time Weather Temperature

Afternoon	Hot	36
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
GLGR	53
PGPS	18
SRDG	5
TJGS	200
Total TNB	276
KLPP	95
MPSS	46
PDPS	17
PGLA	103
PLPS	92
PTEK	2
SGB3	59
SGRI	156
SKSP	37
YPGS	70
YPKA	138
Total IPP	816
Total Gas	1,092
Total Gas Required	1,092

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	13437	12823	12117	11886	11559	11439	11546	11628	11839	13379	14212	14839	14771	14489	14897	14744	15065	14629	13558	13327	14523	14389	14075	13799

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	
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	14	14	14	13	12	13	14	14	14	13	12	14	12	15	13	11	11	11	10	12	9	12	11	10	
PCUF	CUFK	38	40	39	40	40	39	40	39	39	40	40	40	41	39	41	40	39	39	37	37	39	37	35	37	
Total Co-Gen		52	54	53	53	52	52	54	53	53	54	52	54	52	54	52	51	50	49	49	46	51	48	45	46	
Total Gen		13456	13106	12828	12445	12155	12076	11910	11835	11598	11594	11425	11397	11598	11702	11583	11570	11831	12720	13441	13818	14210	14491	14813	15063	
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	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-30	
TIE-PLTG		49	19	34	27	67	52	53	40	68	50	16	30	81	1	-16	-27	21	12	91	36	27	20	3	10	
Interconnection		19	-10	5	-2	38	22	24	11	39	21	-14	2	52	-28	-45	-56	-8	-17	62	7	-2	-9	-26	-19	
System Total		13437	13116	12823	12447	12117	12054	11886	11824	11559	11573	11439	11395	11546	11730	11628	11626	11839	12737	13379	13811	14212	14500	14839	15082	
SRev ST-Coal		139	121	130	139	165	180	140	129	137	46	271	315	302	292	305	294	144	138	173	177	147	150	138	122	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	-1	0	4	4	6	
SRev CCGT-Gas		830	759	999	1169	1354	1417	1625	1710	1933	2031	2098	2084	1910	1818	1923	1944	1978	1702	1238	986	800	663	492	278	
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		24	22	23	23	24	24	22	23	23	22	24	24	22	24	24	25	26	27	27	30	25	28	31	30	
Syncon		151	234	316	417	417	417	417	417	417	417	417	417	417	417	417	316	165	165	165	165	0	0	0	0	0
Hydro		608	566	512	515	593	594	594	594	600	598	615	613	601	597	600	601	599	682	821	802	795	869	921	898	
S.Reserve Total		1752	1702	1980	2263	2553	2632	2798	2873	3110	3114	3425	3453	3252	3148	3267	3280	3162	2863	2423	2155	1933	1877	1580	1330	