

Daily System Generation Summary on Monday

Monday, October 06, 2014

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,300 MW
Hydro	1,846 MW
Distillate	0 MW
Total TNB	8,216 MW
Total IPP	10,041 MW
Total Co-Gen	0 MW
Total System	18,821 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	47,963	18.15 %
Gas	48,939	18.52 %
Hydro	9,062	3.43 %
Total TNB	105,964	40.09 %
ST-Coal	91,081	34.46 %
Gas	64,397	24.37 %
Total IPP	155,478	58.83 %
Co-Gen	1,743	0.66 %
Total Co-Gen	1,743	0.66 %
Total Generation	263,185	99.58 %
PLTG	-370	-0.14 %
EGAT	-33	-0.01 %
HVDC	-704	-0.27 %
Interconnection	-1,107	-0.42 %
Net Energy	264,292	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:	20:30:00 Hour
Total Set On Bus	14,074 MW
TNB Generation	5,515 MW
IPP Generation	7,472 MW
Spinning Reserve	1,014 MW
Maximum Demand	13,120 MW
Net Energy	264,292 MWH
Load Factor	83.93 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	273
Hydro	108
Syncon	553
Thermal	70
Total	1,004

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	25

Gas Usage

Station	(mmscfd)
CBPS	4
GLGR	57
PAKA	30
PGPS	39
SRDG	21
TJGS	214
Total TNB	365
KLPP	98
MPSS	47
PDPS	5
PLPS	96
PTEK	6
SGRI	199
SKSP	31
YPKA	30
Total IPP	511
Total Gas	876
Total Gas Required	876

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	10684	10490	9951	9679	9544	9332	9563	9372	9241	10029	10746	11045	11368	11290	11546	11572	11739	11592	11289	12058	13059	13031	12860	12579

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																									
PCUF	CUFK	39	37	38	37	34	36	35	37	36	32	33	32	32	34	37	35	34	32	30	29	29	30	27	27	26	26	25	26	25	27	26	26	28	28	28	29	31	32	34	34	34	35	35	34	33	33	34		
Total Co-Gen		85	82	84	83	79	83	81	85	81	79	79	79	79	78	80	82	80	77	74	71	70	69	69	66	66	63	61	62	62	60	62	62	61	64	64	66	67	69	70	72	72	73	74	73	73	72	72	72	
Total Gen		10630	10436	10421	10173	9959	9791	9625	9559	9483	9449	9260	9240	9459	9436	9315	9084	9129	9534	10034	10272	10667	10949	11099	11205	11338	11178	11230	11322	11508	11554	11539	11642	11680	11613	11582	11439	11237	11466	12052	12932	13016	13060	13090	12986	12767	12731	12592	12311	
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	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	-30	-30	-30	-30	-30	-28	-28	-30	-30	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-28	-29	-29	-29	-30	-30	-30	-29	-29	-30	-30	-29	-29	-30	-30	-31	-30			
TIE-PLTG		-24	-125	-39	32	38	-47	-24	-46	-33	29	-42	-42	-75	-62	-28	-13	-82	-2	35	2	-30	-15	84	-45	-2	-21	-31	-2	-8	-7	-14	-2	-30	-6	19	13	-23	-4	23	-70	-13	-30	87	-4	-62	-72	44	30	
Interconnection		-54	-154	-69	1	8	-76	-54	-76	-61	1	-72	-72	-104	-90	-57	-42	-112	-31	5	-27	-59	-45	54	-75	-30	-49	-60	-31	-38	-37	-42	-30	-59	-36	-10	-15	-52	-33	-6	-100	-43	-60	59	-33	-93	-102	13	0	
System Total		10684	10590	10490	10172	9951	9867	9679	9635	9544	9448	9332	9312	9563	9526	9372	9126	9241	9565	10029	10299	10746	10994	11045	11280	11368	11227	11290	11353	11546	11591	11572	11672	11739	11649	11592	11454	11289	11499	12058	13032	13059	13120	13031	13019	12860	12833	12579	12311	
SRev ST-Coal		36	29	46	66	49	39	45	37	46	41	38	52	29	42	40	374	531	461	333	345	198	33	53	45	32	40	32	45	50	44	59	33	43	48	38	34	32	52	40	-2	39	34	56	41	40	46	55	31	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187	99	6	169	170	59	164	40	36	24
SRev CCGT-Gas		281	323	95	200	404	429	639	683	718	858	1021	1007	904	891	957	685	460	579	447	384	418	312	366	338	247	510	471	369	291	250	333	252	232	235	442	673	793	554	223	241	416	121	69	81	210	103	118	106	
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	0	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		-9	-6	-8	-7	-3	-7	-5	-9	-5	-3	-3	-3	-3	-2	-4	-6	-4	-1	2	5	6	7	7	10	10	13	15	14	14	16	14	14	15	12	12	10	9	7	6	4	4	3	2	3	3	4	4	4	
Syncon		723	572	622	622	622	622	622	622	622	622	622	622	622	622	622	723	723	723	723	572	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	
Hydro		106	189	137	259	282	189	137	171	199	96	125	145	203	74	133	103	64	67	105	197	93	101	225	104	100	110	103	101	99	98	101	227	217	98	168	172	106	98	158	146	206	64	64	63	64	92	102	104	
S.Reserve Total		1137	1107	892	1140	1354	1272	1438	1504	1580	1614	1803	1823	1604	1627	1748	1879	1774	1829	1610	1593	1438	1176	1223	1220	1112	1396	1344	1252	1177	1131	1210	1098	1079	1116	1232	1461	1663	1434	1186	909	992	1014	984	870	1104	908	938	892	