

Availability at Daily Maximum Demand Hour

ST-Coal	1,680 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,002 MW
Hydro	1,861 MW
Distillate	0 MW
Total TNB	7,543 MW
Total IPP	10,672 MW
Total Co-Gen	0 MW
Total System	18,785 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	41,314	12.78 %
Gas	55,379	17.13 %
Hydro	15,743	4.87 %
Total TNB	112,436	34.78 %
ST-Coal	108,184	33.47 %
Gas	102,993	31.86 %
Total IPP	211,177	65.33 %
Co-Gen	1,099	0.34 %
Total Co-Gen	1,099	0.34 %
Total Generation	324,712	100.46 %
PLTG	780	0.24 %
EGAT	-33	-0.01 %
HVDC	727	0.22 %
Interconnection	1,474	0.46 %
Net Energy	323,238	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	16,691 MW
TNB Generation	5,464 MW
IPP Generation	10,225 MW
Spinning Reserve	962 MW
Maximum Demand	15,707 MW
Net Energy	323,238 MWH
Load Factor	85.75 %

Fuel Cost
Average Spinning Reserve During Peak Hour

Type	MW
GT	321
Hydro	309
Syncon	234
Thermal	36
Total	900

Time	Weather	Temperature
Afternoon	Cloudy	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	10
GLGR	55
PAKA	48
PGPS	50
SRDG	35
TJGS	217
Total TNB	416
KLPP	104
MPSS	59
PDPS	21
PGLA	93
PKLG	16
PLPS	95
PTEK	19
SGB3	87
SGRI	201
SKSP	52
YPGS	70
Total IPP	815
Total Gas	1,230
Total Gas Required	1,230

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	12662	11907	11602	11100	10985	10909	11014	11174	11821	13558	14533	15226	15102	14920	15449	15634	15465	15136	14222	14270	14585	14407	13751	13387

Daily MW Generation on Thursday

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																												
PGAU	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	112	110	111	112	112	87	0	112	111	111	112	112	106	113	113	113	-1	-1	115	112	115	115	114	-1	-1	113	82									
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	110	110	110	110	110	110	110	110	110	110	110	109	105	79	80	80	80	-1	-1	-1	112	107	112	-1	-1	-1	-1	-1						
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	110	110	111	110	110	110	110	111	112	112	113	0	105	111	110	110	111	21	111	113	108	113	113	113	112	0	0	0	0							
PGAU	HY04	-1	-1	-1	-1	-1	21	-1	-1	-1	-1	-1	22	-1	-1	-1	-1	111	110	110	111	110	110	110	111	110	110	110	115	111	106	80	80	80	80	-1	-1	110	113	108	113	113	113	-1	-1	111	82						
SIHY	HY01	30	30	30	30	30	30	49	50	49	49	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50					
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50			
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	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			
SYPS	HY01	25	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	16	25	25	25	25	25	16	25	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		
SYPS	HY02	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	16	25	25	25	25	25	16	25	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	
SYPS	HY03	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	16	25	25	25	25	25	16	25	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	
SYPS	HY04	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	16	25	25	25	25	25	16	25	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	
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	55	58	60	61	55	30	0	60	61	63	77	59	49	30	32	29	0	0	0	0	0	0	27	33	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	59	60	60	60	59	117	-1	-1	-1	63	80	60	54	33	33	-1	-1	-1	-1	31	36	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1				
TMGR	HY04	37	33	34	34	34	36	33	34	34	31	30	36	35	35	35	34	38	38	33	32	36	57	59	59	56	42	34	36	37	41	74	58	51	31	33	32	33	30	35	33	34	37	73	39	60	34	48	42				
UPIA	HY01	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	2	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Total Hydro		383	373	375	410	408	412	425	326	325	318	315	326	325	356	359	346	346	411	441	685	937	960	1053	1046	1061	1014	773	950	951	1086	1399	1120	1122	912	911	787	565	281	497	901	905	863	731	695	520	417	626	558				
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	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		
PCUF	CUFG	19	20	20	21	19	18	21	19	18	18	20	20	19	18	19	21	19	18	17	17	15	14	13	14	16	17	17	16	16	17	20	20	15	14	13	15	15	15	14	16	16	13	14	14	14	14	14	15				
PCUF	CUFK	30	31	32	32	31	32	32	31	33	33	33	32	32	33	33	33	32	32	31	31	30	29	26	23	25	27	25	26	24	23	23	24	24	25	26	30	26	27	27	27	28	31	31	31	30	32						
Total Co-Gen		49	51	52	53	50	53	50	51	51	53	52	51	51	52	54	51	50	48	48	45	43	39	37	41	44	42	42	42	40	40	43	44	39	38	38	41	45	41	41	43	43	41	45	45	45	44	47					
Total Gen		12701	12240	11997	11870	11643	11473	11213	11118	11037	10997	11008	10997	11083	11191	11262	11325	11811	12841	13602	14208	14565	14904	15261	15311	15176	15063	14994	15333	15481	15729	15665	15636	15572	15486	15155	14618	14305	13966	14395	14837	14703	14611	14491	14232	13892	13722	13462	13203				
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	0	0		
TIE-HVDC		31	31	30	30	31	31	30	30	30	29	29	30	30	30	30	30	30	31	31	30	30	30	30	30	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	30	29	31	31		
TIE-PLTG		8	8	60	3	10	18	83	25	23	53	70	1	39	11	58	-1	-40	-26	13	63	2	-6	4	17	44	22	43	1	2	-8	1	-8	76	10	-12	67	52	57	95	68	87	93	52	78	111	45	44	43				
Interconnection		39	39	90	33	41	48	113	55	52	83	99	30	69	41	88	30	-10	4	44	94	32	24	35	47	74	52	74	31	32	22	31	22	107	41	19	98	83	87	125	99	118	124	84	109	141	74	75	75				
System Total		12662	12201	11907	11837	11602	11425	11100	11063	10985	10914	10909	10967	11014	11150	11174	11295	11821	12837	13558	14114	14533	14880	15226	15264	15102	15011	14920	15202	15449	15707	15634	15614	15465	15445	15136	14520	14222	13879	14270	14738	14585	14487	14407	14123	13751	13648	13387	13128				
SRev ST-Coal		38	27	30	50	39	24	37	33	34	32	33	98	110	103	18	31	15	43	21	40	40	92	99	110	124	16	16	24	4	86	-14	43	55	2	14	128	116	108	86	15	34	25	3	-2	30	47	51	59				
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	0	0	0	0	0	0	0	0	0	0	0		
SRev CCGT-Gas		266	490	593	836	1069	1258	1521	1518	1598	1633	1620	1557	1456	1388	1424	1337	1144	773	484	262	254	133	163	116	227	369	206	145	146	152	264	265	360	170	144	158	187	268	145	125	220	203	190	174	188	160	18	204				
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	0		
SRev Co-Gen		27	25	24	23	26	26	23	26	25	25	23	24	25	25	24	22	25	26	28	28	28	31	33	37	39	35	32	34	34	34	36	36	33	32	37	38	38	35	31	35	35	33	33	35	31	31	31	32	29			
Synacon		724	724	724	724	724																																															