

Daily System Generation Summary on Thursday

Thursday, August 13, 2020

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,515 MW
Distillate	0 MW
Total TNB	2,515 MW
Total IPP	16,599 MW
Total Co-Gen	0 MW
Total System	21,937 MW

Generation Mix

Type	MWh	Percentage
Hydro	24,116	6.57 %
Gas	30,543	8.32 %
Total TNB	54,659	14.88 %
ST-Coal	231,470	63.03 %
LSS	2,657	0.72 %
Gas	78,085	21.26 %
Total IPP	312,212	85.01 %
Co-Gen	299	0.08 %
Total Co-Gen	299	0.08 %
Total Generation	367,170	99.98 %
PLTG	-799	-0.22 %
HVDC	714	0.19 %
Interconnection	-85	-0.02 %
Net Energy	367,255	100.00 %

Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	18,636 MW
TNB Generation	3,224 MW
IPP Generation	14,197 MW
Spinning Reserve	1,207 MW
Maximum Demand	17,476 MW
Net Energy	367,255 MWH
Load Factor	87.56 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	367
Hydro	389
Syncon	561
Thermal	200
Total	1,517

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	1
GLGR	16
TJGS	197
Total TNB	214
CBPS	49
KLPP	57
NPRI	145
PGLA	108
PLPS	79
SKSP	2
YPKA	23
Total IPP	462
Total Gas	676

Total Gas Required 676

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	14534	13899	13420	12999	12784	12670	12978	13062	13449	15143	16031	16513	16404	16297	16957	17424	17443	17062	15909	15858	16820	16771	16303	15943

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, September 4, 2020 10:30:41 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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																									
JMAH	U001	693	691	691	693	693	692	692	693	692	691	692	691	692	693	688	693	692	691	694	693	691	692	692	694	691	694	693	694																					
JMAH	U002	695	695	694	694	695	694	694	693	694	695	694	694	694	694	694	694	697	694	695	695	694	693	694	695	694	696	695	690	694	695	691	694																	
JMHE	U001	975	973	843	836	779	779	785	780	778	783	780	781	779	776	777	782	780	780	945	981	974	978	987	976	978	978	972	981	978	979	979	978	981	980	978	978													
JMHE	U002	975	976	842	836	778	780	780	779	785	780	780	780	780	777	779	783	780	780	946	980	975	978	984	978	977	976	975	982	978	978	978	979	981	982	980	976	894												
JMJG	U001	673	672	671	672	673	681	670	667	672	671	671	671	672	673	672	679	671	677	672	671	672	670	671	671	672	667	670	676	672	666	673	669	673	670	670	674	674	669	671	672	672	673	679	672	671	671	671	673	
JMJG	U002	673	676	672	674	671	603	544	545	621	683	666	674	678	666	675	668	675	674	672	672	668	671	671	671	673	676	671	674	667	673	673	684	680	673	679	672	677	667	689	668	671	673	671	671	676	676	667	670	
JMJG	U003	668	668	671	665	668	668	668	672	669	667	666	671	670	668	668	667	668	667	665	668	668	657	573	496	492	496	495	495	495	495	495	493	497	496	495	495	495	496	499	514	574	599	672	663	666	666	670	669	
JMJG	U004	976	975	895	841	805	782	782	785	785	785	786	782	785	783	786	785	783	838	891	947	974	977	976	975	977	976	976	977	978	977	977	975	974	974	974	975	970	972	975	973	974	976	976	977	976	977	979	976	
JMJG	U005	731	731	729	733	729	731	728	730	732	731	732	732	738	733	730	731	725	732	725	731	727	725	726	730	725	728	727	731	727	731	726	725	728	728	729	725	724	730	731	726	726	727	729	730	729	726	725	725	
PKLG	U003	279	279	280	278	279	281	278	278	279	279	280	279	279	277	276	275	277	280	273	280	276	281	280	277	274	277	278	278	284	279	279	278	279	280	280	278	279	279	281	280	283	277	280	277	279	278	278	278	
PKLG	U004	272	279	279	276	276	277	275	277	279	278	277	280	279	279	276	281	281	280	279	281	281	280	280	279	278	271	280	281	280	275	278	279	280	280	280	281	287	285	279	279	278	278	280	278	281	281	280	280	
TBIN	U001	689	690	689	689	689	691	692	691	689	689	692	690	692	690	689	687	690	688	690	690	689	688	688	688	687	692	687	687	688	690	688	687	689	689	690	688	690	692	666	691	690	687	689	688	688	691	691		
TBIN	U003	692	694	692	691	692	692	687	692	693	691	692	693	692	693	694	696	692	693	695	689	692	695	690	689	688	691	692	691	691	690	691	691	690	693	693	693	695	695	690	692	692	689	687	694	686	690	692	693	
TBIN	U004	982	984	895	842	804	782	782	781	783	783	783	784	782	784	782	783	783	781	850	940	983	984	985	984	980	982	982	982	982	982	982	982	982	982	982	981	983	982	981	982	983	982	982	982	983	983	982	982	982
Total ST-Coal		9973	9983	9543	9420	9231	9133	9057	9063	9152	9207	9189	9205	9213	9192	9190	9210	9193	9200	9650	9855	9939	9964	9898	9804	9788	9795	9784	9820	9797	9806	9807	9815	9800	9811	9818	9806	9806	9800	9834	9828	9854	9913	9986	9980	9979	9985	9974	9897	
Total ST-Oil		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	
Total 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	
CBPS	BLK2	205	217	217	215	223	223	220	222	221	222	222	221	221	219	220	219	227	286	328	364	357	358	357	365	346	360	351	357	357	357	357	360	355	355	357	357	355	357	357	355	357	357	359	354	355	356	362	354	357
GLGR	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	35	35	35	35	55	105	108	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	96	108	107	100	95	95	95	95	95
GLGR	ST1C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	39	44	38	38	37	38	38	38	40	38	38	37	37	37	37	37	37	37	37	41	41	42	37	37	36	37	37	
KLPP	GT11	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	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KLPP	GT12	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	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KLPP	GT13	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	15	57	129	133	136	136	136	136	112	112	71	70	133	134	134	131	112	112	111	111	111		
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	58	135	116	142	130	130	110	110	150	155	155	156	155	156	111	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KLPP	GT15	125	129	133	133	127	129	129	129	128	128	129	129	131	129	128	128	131	130	129	129	123	123	141	119	140	122	122	116	116	150	158	159	155	156	157	126	126	86	86	157	157	155	151	125	125	127	128	125	
KLPP	ST17	52	52	52	52	52	52	52	53	53	53	53	55	53	51	51	54	54	53	53	52	45	137	119	131	128	128	111	115	198	202	200	200	200	200	182	142	101	88	133	133	133	133	120	124	122	124	120		
NPRI	BLK1	491	319	410	418	422	344	320	350	352	386	350	425	437	467	371	338	454	514	511	515	503	515	520	515	495	510	497	509	511	510	512	515	516	515	511	507	509	506	514	512	511	508	500	506	508	513	505	511	
NPRI	BLK2	310	319	415	418	427	341	318	346	350	389	346	423	441	440	373	335	438	517	512	516	506	517	520	518	497	511	499	511	512	511	516	517	517	511	506	510	507	516	512	512	509	504	509	502	510	509	517	505	514
PCGP	PGRG	576	590	599	592	501	603	589	402	182	182	182	182	182	352	353	352	567	598	596	605	588	603	610	605	576	595	580	601	597	588	600	603	607	601	593	590	595	594	604	599	598	594	585	600	592	602	589	598	
PGLA	GT11	158	162	164	164	166	166	162	166	165	164	165	165	165	164	163	165	164	190	177	214	192	207	177	211	158	207	168	205	192	205	196	210	213	212	207	190	198	212	216	210	210	211	208	208	175	212	180	196	
PGLA	GT12	188	191	195	193	196	196	193	196	195	195	196	196	195	193	193	194	193	220	208	247	222	240	206	244	188	240	197	235	224	236	227	242	243	243	237	222	229	242	247	242	242	241	239	238	205	244	209	227	
PGLA	ST10	201	205	203	203	203	203	202	202	203	203	203	203	203	203	202	202	203	224	221	231	233	235	201	237	202	231	205	233	216	239	226	231	240	238	234	223	229	233	231	235	238	235	235	220	236	226	226		
PLPS	GT11	0	0</																																															

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
Total OCGT-Gas		90	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY01	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY02	22	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY03	20	21	21	12	12	12	12	12	12	12	12	12	12	22	22	22	22	22	22	22	22	22	22	23
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY03	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY04	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	125	124	63	125	125	124	123	124	123
HTRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	124	124	123	125
KNRG	HY01	33	24	36	36	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36
KNRG	HY02	37	25	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	37	37
KNRG	HY03	36	24	36	36	36	25	25	25	26	25	25	25	25	25	25	26	25	25	25	38	38	36	36	36
KNYR	HY01	94	56	59	99	99	98	97	99	99	59	59	99	98	98	98	99	97	98	99	99	98	102	100	99
KNYR	HY02	95	57	99	99	99	98	100	100	60	59	59	100	99	98	99	100	98	99	99	99	99	100	99	99
KNYR	HY03	95	57	60	98	98	98	98	98	98	60	59	99	98	98	98	98	100	98	99	101	102	96	101	97
KNYR	HY04	95	57	100	100	100	99	98	100	100	-1	-1	-1	98	98	98	98	98	98	98	98	98	98	98	98
LPIA	HY01	17	17	17	17	17	17	18	17	17	17	17	17	17	18	20	21	20	20	20	14	14	16	16	16
LPIA	HY02	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	14	14	14	15	15	15	15
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	8	8	8	8	3	3	7
PGAU	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
PGAU	HY02	-1	-1	18	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	18	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	18	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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
SIHY	HY01	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	31	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	31	0	0
SIHY	HY03	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	30	0	0
SYPS	HY01	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	17	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	26	24	24	25
SYPS	HY03	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	17	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	17
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	33	33	62	61	62	62	62	84	84	84	84
TMGR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	90	89	89	89
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	32	32	60	58	60	60	60	85	84	85
TMGR	HY04	30	32	34	33	34	34	32	34	34	34	34	34	34	32	34	34	34	34	34	34	61	59	61	61
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	18	89	91	93	99
UPIA	HY01	6	6	5	6	6	6	6	6	6	6	6	6	6	5	5	5	6	6	7	7	7	7	7	7
UPIA	HY02	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		805	473	620	628	629	543	538	566	567	327	346	326	446	542	539	543	544	710	732	813	990	1002	1105	1160
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
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total LSS		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	3	3	4	2	3	6	4	4	4	3	4	3	4	3	2	4	6	3	2	3	2	4	6	7
PCUF	CUFK	4	3	4	2	2	5	4	3	2	4	4	2	3	2	3	5	4	4	1	4	2	2	3	5
Total Co-Gen		7	6	8	4	5	11	8	7	6	7	8	5	7	5	6	5	9	8	10	60	61	65	63	57
Total Gen		14624	14147	13884	13686	13432	13194	13022	12954	12832	12716	12644	12790	12950	13209	13018	12990	13457	14535	15110	15596	15999	16192	16428	16626
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	30	29	29	29	29	29	31	31	29	29	29	29	29	31	31	29	29	30	30	30	30	30	30
TIE-PLTG		67	-26	-38	5	-10	-55	1	5	25	-30	-49	23	-50	3	-67	-60	-14	-36	-57	-90	-54	-86	-108	-80
Interconnection		97	4	-8	34	19	-26	30	35	55	1	-19	52	-21	32	-37	-31	15	-7	-26	-59	-25	-57	-78	-51
System Total		14534	14150	13899	13659	13420	13227	12999	12926	12784	12722	12670	12745	12978	13184	13062	13028	13449	14549	15143	15662	16031	16256	16513	16684
SRev ST-Coal		204	194	501	505	502	543	505	498	552	489	505	493	480	494	501	494	408	304	238	213	179	183	199	192
SRev CCGT-Gas		1632	1736	1668	1397	1464	1524	1612	1713	1924	1856	1930	1777	1747	1561	1748	1804	1360	599	546	400	389	393	385	305
SRev LSS		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 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 OCGT-Gas		15	65	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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		1128	1128	977	1128	1128	1128	977	977	1229	1078	1229	1229	1128	1128	1128	1128	953	802	953	827	827	676	676	676
Hydro		127	309	313	106	105	111	116	239	238	226	358	227	107	112	115	110	109	218	347	115	189	178	417	362
S.Reserve Total		3106	3432	3459	3136	3199	3306	3361	3427	3691	3800	3871	3726	3563	3300	3495	3536	3098	2264	2103	1772	1643	1611	1657	1526