

Daily System Generation Summary on Monday

Monday, April 18, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,027 MW
Distillate	0 MW
Total TNB	2,027 MW
Total IPP	18,038 MW
Total Co-Gen	0 MW
Total System	23,990 MW

Generation Mix

Type	MWh	Percentage
Hydro	15,073	4.04 %
Gas	49,842	13.34 %
Total TNB	64,915	17.38 %
ST-Coal	223,943	59.96 %
LSS	3,420	0.92 %
Gas	79,611	21.31 %
Total IPP	306,974	82.19 %
Co-Gen	1,255	0.34 %
Total Co-Gen	1,255	0.34 %
Total Generation	373,144	99.90 %
PLTG	-11	0.00 %
HVDC	-348	-0.09 %
Interconnection	-359	-0.10 %
Net Energy	373,503	100.00 %

Maximum Demand Record

Date: 3/29/2022	18,840 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	18,965 MW
TNB Generation	4,048 MW
IPP Generation	13,611 MW
Spinning Reserve	1,252 MW
Maximum Demand	17,685 MW
Net Energy	373,503 MWH
Load Factor	88.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	517
Hydro	535
Syncon	209
Thermal	233
Total	1,494

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Sunny	24

Gas Usage

Station	(mmcsfd)
GLGR	45
TJGS	114
Total TNB	159
CBPS	44
EMPP	188
NPRI	154
PCGP	69
PLPS	73
SPGP	178
Total IPP	706
Total Gas	865
Total Gas Required	865

Alternate Fuel Usage

Station	(mmcsfd)
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	14889	14260	13784	13278	13003	13062	13280	13269	13958	15585	16359	16845	16729	16651	17379	17612	17611	16910	16228	16185	16745	16917	16548	16130

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, May 9, 2022 8:51:26 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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																									
JMAH	U001	697	696	697	701	699	697	696	694	693	694	695	695	694	696	695	695	697	696	695	696	697	695	696	694	698	695	696	696	695	696																			
JMAH	U002	694	697	699	695	696	697	697	696	695	696	693	695	699	695	695	695	695	695	695	694	696	696	696	694	693	697	696	696	695	694																			
JMHE	U002	983	918	918	920	920	855	848	852	850	849	850	850	850	852	852	850	854	847	924	982	981	979	979	979	980	978	981	978	977	974	981																		
JMJG	U001	670	670	670	670	670	670	670	670	640	640	640	680	680	680	680	674	672	671	670	673	667	672	672	671	671	672	668	670	673	673																			
JMJG	U002	678	678	678	678	678	678	678	678	640	640	640	680	680	680	680	667	668	671	667	667	665	670	671	666	667	663	671	647	650	656	649																		
JMJG	U003	581	581	581	581	581	581	581	581	581	680	680	680	680	680	680	676	666	662	671	672	667	665	664	679	666	672	673	664	670	676	663																		
JMJG	U004	980	920	920	920	920	850	850	850	850	850	850	850	850	850	854	854	887	946	975	976	977	974	974	972	977	976	976	977	977	977	975																		
JMJG	U005	969	920	920	920	920	850	850	850	850	850	850	850	850	850	849	900	952	976	972	977	977	976	976	975	978	976	976	972	976	978	974																		
PKLG	U003	47	68	77	92	128	141	155	240	275	285	278	285	278	276	274	276	275	274	269	273	275	274	274	271	275	278	276	278	280	278	278																		
PKLG	U004	275	270	273	271	279	273	271	266	269	274	272	267	274	272	272	267	272	269	267	273	271	281	275	272	268	276	271	271	273	270	273	262																	
PKLG	U005	463	464	460	466	464	454	459	467	462	463	463	453	457	464	464	463	460	464	464	462	460	412	339	363	359	358	357	359	360	358	358	358																	
TBIN	U002	698	694	692	693	694	692	694	693	693	695	694	691	694	692	694	693	692	692	694	557	424	453	441	450	452	452	454	451	451	452	452	449																	
TBIN	U003	664	687	691	694	692	689	692	692	692	693	692	694	691	691	693	691	690	691	693	691	691	690	694	687	691	690	690	690	694	692	692	689																	
TBIN	U004	936	935	902	905	904	866	853	852	852	853	852	851	852	856	854	853	853	854	916	937	938	938	936	935	937	935	939	936	936	935	937	936																	
Total ST-Coal		9335	9198	9178	9206	9245	8993	8994	9081	9110	9162	9149	9141	9229	9234	9233	9223	9205	9191	9408	9611	9525	9333	9303	9300	9316	9308	9316	9322	9295	9302	9314	9295	9292	9294	9303	9426	9562	9565	9548	9555	9555	9560	9540	9561	9543	9545	9497	9491	
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	220	269	226	225	227	219	220	219	223	223	223	221	225	225	224	224	224	224	217	253	360	367	360	346	231	216	223	360	353	360	360	360	360	360	349	271	213	220	220	271	252	280	340	270	213	285	268	224	
EMPP	BLK2	713	715	646	568	515	539	472	414	408	418	415	406	413	419	411	439	690	708	711	711	701	706	704	683	697	695	704	707	697	703	700	704	701	703	693	702	694	655	680	708	711	711	707	709	697	710	706	712	
EMPP	BLK3	712	715	646	567	515	538	471	374	372	370	376	372	376	376	376	374	720	718	721	720	713	722	720	698	714	711	720	723	713	719	715	720	716	718	708	689	694	656	680	708	711	711	707	709	697	710	706	712	
GLGR	GT01	93	93	95	93	95	93	93	93	93	93	93	92	95	94	93	93	94	93	95	92	94	93	92	92	91	107	107	107	106	106	108	108	109	110	109	111	110	108	110	110	110	108	109	108	108	109			
GLGR	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	34	74	90	106	105	105	106	107	107	106	107	108	108	108	108	108	108	108	108	108	108	108	108	108	108			
GLGR	ST1C	39	39	41	38	40	40	39	40	41	41	39	39	41	39	40	40	41	41	42	40	40	41	41	42	40	40	41	70	97	98	98	97	98	99	99	99	100	98	99	98	99	99	100	100	99	99	99	99	99
NPRI	BLK1	514	518	515	517	514	517	514	517	394	392	399	395	399	400	491	515	518	513	511	515	516	518	511	493	506	504	515	520	503	516	507	515	507	512	503	507	502	515	515	517	515	520	516	515	507	516	509	513	
NPRI	BLK2	517	533	529	530	479	427	450	369	362	331	337	392	400	478	518	520	527	523	515	520	514	531	515	497	390	388	401	503	488	501	491	500	491	499	486	491	485	498	499	499	499	503	499	500	491	500	494	518	
PCGP	PGRG	262	269	261	262	259	262	262	261	261	261	262	261	260	263	261	262	273	489	597	602	604	607	595	570	593	586	603	607	587	603	594	603	591	600	586	594	390	261	261	261	402	606	601	603	594	606	596	337	
PLPS	GT11	138	136	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	143	141	140	134	110	111	114	120	130	135	130	114	112	116	111	111	111	115	115	116	137	138	137	137	135	137	136	137		
PLPS	GT12	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	129	140	116	115	119	124	130	134	139	135	120	117	120	115	32	0	0	0	0	0	0	0	0	0	0	0		
PLPS	GT13	133	132	111	122	124	125	124	124	125	124	125	124	125	124	125	125	124	125	120	123	127	129	124	120	108	108	113	115	128	131	128	112	110	113	109	109	108	113	112	112	133	133	134	134	132	132	134	134	
PLPS	ST18	209	144	133	57	60	58	58	58	57	58	58	59	58	58	58	58	58	58	56	141	142	196	209	194	195	197	199	207	209	209	197	196	198	194	179	130	130	131	133	142	142	142	141	141	141	141	142		
SPGP	BLK1	451	359	363	361	362	362	361	362	363	362	361	363	362	360	361	362	359	719	725	727	724	724	724	724	724	719	716	711	709	709	708	703	703	706	712	708	711	722	724	725	724	724	724	726	724	726	726	723	
SPGP	BLK2	449	361	361	362	359	360	360	360	361	361	360	363	360	358	360	359	359	726	726	726	723	726	722	724	724	713	708	705	696	702	700	690	690	697	700	700	705	718	724	725	726	724	724	725	725	726	724	722	
TJGS	GT1A	165	165	165	168	167	166	166	166	164	166	169	166	169	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	178	222	234	233	229	231	208	142	126	125	126	122	123	125	122	152	180	125	125	123
TJGS	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	63	68	61	65	208	174	162	175	173	203	213	216	216	218	198	139	117	115	115	118	116	117	117	147	172	115	119	117		
TJGS	ST1C	88	88	88	88	88	88	88	88	88	88	88	88	88	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	116	92	95	95	223	251	251	251	251	184	164	164	164	164	164	168	204	163	163
TJGS	GT2A	157	157	157	157	157	157	157	157	157	157	158	158	157	157	157	156	158	158	158</																														

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
HTRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HTRG	HY03	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
HTRG	HY04	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY02	0	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
KNRG	HY03	37	36	37	36	36	36	37	37	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
LPJA	HY01	18	18	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
LPJA	HY02	18	17	17	16	17	17	17	17	16	15	16	16	15	15	15	17	22	22	22	23	23	21	21	21
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY03	20	21	21	21	21	21	21	21	21	21	21	21	21	21	22	83	82	83	83	83	19	20	20	20
PGAU	HY04	20	20	20	20	20	20	21	21	20	20	21	20	20	21	21	150	82	81	82	81	20	19	19	19
SIHY	HY02	30	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	50	50	50	30	30	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	17	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17
SYPS	HY03	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17
SYPS	HY04	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	26	31	30	31	32
TMGR	HY02	32	32	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	37	37	37	37	37	37	37	31	36	35	37	38
TMGR	HY03	41	85	41	41	49	80	50	64	55	52	76	41	46	44	40	54	56	82	41	57	40	84	40	35
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	61	61	61	61	55	60	58	61	61
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	90	-1	-1	95	93	98	97	109	112	77	-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	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	6	6	6	6
UPIA	HY02	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 Hydro		422	503	425	403	371	274	247	261	249	246	270	235	239	237	334	259	345	468	636	683	661	957	936	791
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	1	2	5	5	8	14	13	10	12
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	11	15	16	24	30	18	24
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	14	17	21	25	29	31	30
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	5	10	9	17	42	44	47
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	17	23	28	34	38	44	43
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	8	11	15	18	22	13	22
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	13	19	19	28	26	40	33
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	11	23	40	48	61	73	82
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	11	23	28	33	37	40
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	12	17	21	26	28	29
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5	10	14	13	15	17	22
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	12	18	10	30	36	42	47
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	13	15	14	28	27	41
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	6	10	10	8	10	15
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	12	15	19	16	21	14
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	2	1	5
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	3	10	41	101	170	230	305	364	435	487	513	517
PCUF	CUFG	27	27	29	23	23	23	23	23	24	25	25	24	24	24	25	24	21	28	27	28	28	26	27	27
PCUF	CUFK	27	25	29	24	27	26	26	28	25	27	27	25	27	25	24	26	28	25	25	28	26	28	25	26
Total Co-Gen		54	52	58	47	50	49	49	51	49	52	52	49	51	49	48	51	52	46	53	52	56	54	54	52
Total Gen		14907	14541	14209	13866	13722	13362	13220	13090	12972	13000	13029	13019	13142	13222	13188	13165	13877	14994	15556	15982	16264	16568	16809	16893

Daily MW Generation on Monday

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