

Daily System Generation Summary on Sunday

Sunday, September 4, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,082 MW
Distillate	0 MW
Total TNB	2,082 MW
Total IPP	19,023 MW
Total Co-Gen	0 MW
Total System	24,135 MW

Generation Mix

Type	MWh	Percentage
Hydro	20,207	6.14 %
Gas	49,365	15.00 %
Total TNB	69,572	21.13 %
ST-Coal	162,817	49.46 %
ST-Gas	6,446	1.96 %
LSS	5,364	1.63 %
Gas	84,673	25.72 %
Total IPP	259,300	78.77 %
Co-Gen	352	0.11 %
Total Co-Gen	352	0.11 %
Total Generation	329,224	100.01 %
PLTG	1,097	0.33 %
HVDC	-1,053	-0.32 %
Interconnection	44	0.01 %
Net Energy	329,180	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	16,852 MW
TNB Generation	3,388 MW
IPP Generation	12,342 MW
Spinning Reserve	1,109 MW
Maximum Demand	15,785 MW
Net Energy	329,180 MWH
Load Factor	86.89 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,583
Hydro	306
Syncon	407
Thermal	379
Total	2,675

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	85
Total TNB	114
CBPS	38
EMPP	175
KLPP	35
NPRI	125
PCGP	83
PGLA	88
PLPS	37
SKSP	2
SPGP	207
PKLG	62
Total IPP	851
Total Gas	965

Total Gas Required 965

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	14765	14186	13724	13158	12920	12646	12584	12269	11873	12274	12965	13299	13219	13236	13536	13827	14074	13962	13731	14287	15683	15785	15541	15309

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, October 3, 2022 3:46:06 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

		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		213	214	213	214	214	214	214	214	213	215	213	214	213	214	212	214	215	214	215	278	458	703	701	706	708	707	704	707	702	705	706	707	705	703	706	707	704	706	703	705	706	705	705	706	705	706	706	706	708	
JMAH	U002		214	213	216	214	213	214	213	213	214	214	213	213	214	214	214	213	214	215	214	215	213	213	216	214	214	213	214	214	213	214	352	602	696	716	705	706	703	700	707	707	706	707	707	706	707	706	707	706		
JMHE	U002		979	977	899	908	903	851	851	851	853	853	852	846	849	849	798	801	801	800	801	799	803	803	806	850	851	852	846	850	851	851	850	880	881	881	881	881	881	878	880	901	980	975	978	973	980	975	978	977	979	
JMUG	U001		671	635	637	634	637	635	634	640	637	634	639	634	637	678	669	677	670	671	672	671	662	666	666	662	666	667	666	667	657	665	657	662	668	666	668	671	671	662	667	667	664	667	666	673	667	662	667			
JMJG	U002		673	675	673	674	667	672	673	677	672	673	678	677	671	672	678	680	669	669	665	672	675	672	675	680	676	667	669	675	677	676	676	676	671	671	678	676	673	676	673	672	670	674	672	676	676					
JMUG	U003		667	669	665	668	664	672	666	662	668	662	669	662	667	663	668	668	662	668	673	665	669	663	664	671	666	668	667	676	656	671	659	668	666	671	665	668	665	668	665	668	667	660	671	666	667	666	668	676		
JMUG	U004		977	977	930	903	902	894	855	854	854	853	854	853	853	854	838	804	804	804	804	805	804	804	823	855	857	854	854	854	854	853	852	876	882	879	878	881	885	883	896	952	977	980	977	977	983	980	980	979		
JMJG	U005		590	547	546	552	551	432	271	211	151	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
TBIN	U001		698	697	698	698	694	698	697	698	699	698	698	698	694	698	701	693	700	699	698	699	702	693	701	697	700	697	702	700	698	699	699	695	696	697	697	697	697	697	697	697	698	692	697	698	698	696	698	696		
TBIN	U002		212	211	212	211	212	213	212	213	213	212	212	214	212	211	212	213	213	351	491	630	692	701	701	701	701	702	697	705	707	698	703	701	700	702	701	700	702	701	701	698	703	700	703	698	706	701				
TBIN	U004		939	940	902	902	903	892	853	854	853	853	853	853	851	853	824	803	804	802	803	803	805	803	805	851	854	852	854	854	852	852	882	883	883	885	884	885	884	907	942	941	938	939	937	940	938	937	940			
Total ST-Coal			6833	6755	6591	6578	6560	6387	6137	6087	6029	5980	5883	5863	5862	5863	5826	5757	5757	5754	5905	6035	6252	6463	6759	6884	6891	6885	6886	6889	6866	6880	6869	7104	7354	7452	7465	7471	7473	7456	7513	7693	7705	7699	7710	7712	7723	7706	7717	7720		
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			
PKLG	U006		269	269	268	268	268	268	269	269	269	269	269	269	268	268	269	269	269	269	269	269	268	268	269	269	269	268	268	267	269	269	269	269	268	269	269	269	268	269	269	269	269	268	269	268	268	268	267			
Total ST-Gas			269	269	268	268	268	268	269	269	269	269	269	269	269	268	268	269	269	269	269	269	268	268	269	269	269	268	268	267	269	269	269	269	268	269	269	269	268	269	269	269	269	269	268	269	268	269	268	267		
CBPS	BLK2		274	268	278	275	218	201	210	201	203	202	201	198	201	201	202	192	201	201	199	201	202	201	197	194	194	200	190	190	194	201	202	202	202	201	202	201	202	202	202	305	299	298	294	296	288	290	293	290		
EMPP	BLK1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	85	195	189	188	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
EMPP	BLK2		708	693	704	700	695	705	722	709	708	613	672	652	663	641	529	454	417	413	409	409	414	411	409	404	401	410	394	395	404	412	411	411	410	522	417	412	412	490	679	716	708	710	708	710	701	707	711	711		
EMPP	BLK3		695	676	704	704	690	706	723	710	709	615	669	650	662	641	528	467	416	417	410	494	605	490	409	402	401	412	394	395	406	412	519	410	410	516	420	413	411	491	679	716	696	709	707	709	701	708	711	711		
GLGR	GT01		93	93	93	95	93	95	94	94	94	93	93	92	94	94	93	92	94	93	93	93	94	93	93	93	92	92	92	93	93	93	95	93	94	93	93	93	92	94	93	92	92	92	95	94	94	94	95			
GLGR	ST1C		41	41	42	42	42	41	41	41	41	42	42	41	41	41	41	41	41	41	42	42	40	40	41	41	40	40	41	40	41	41	39	41	41	40	41	41	42	41	41	41	40	41	40	42	40	41	41	41		
KLPP	GT14		72	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
KLPP	GT15		85	85	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110				
KLPP	ST17		92	92	60	60	60	62	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	59	60	59	60	58	58	59	60	59	60	60	60	60	60	60	60	60	62	61	60	60	61	60	60	60	61			
NPRI	BLK1		513	500	515	515	512	470	322	311	311	311	311	306	311	308	310	298	313	311	307	310	312	311	304	305	300	308	295	295	301	310	311	310	311	310	311	310	308	310	310	310	310	521	514	515	511	517	506	511	515	518
NPRI	BLK2		510	497	521	516	503	338	433	336	336	335	335	331	335	334	337	322	336	336	332	335	335	327	328	325	333	319	316	326	334	337	337	336	335	333	335	336	337	335	530	515	526	520	524	505	506	524	528			
PCGP	PGRG		600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	450	600	600	600	600	550	400	400	400	400	400	400	400	400	430	450	500	600	600	500	600	600	600	600	600	600	600	600	600	600	600			
PGLA	GT11		134	134	134	135	133	134	134	135	135	135	134	135	134	134	135	135	134	134	133	134	133	134	134	135	134	135	134	133	133	134	133	133	133	134	134	135	164	216	216	216	216	216	216	216	216	216	216	216	216	
PGLA	GT12		137	137	138	137	138	137	138	137	138	138	138	138	138	138	138	137	138	137	138	137	138	137	138	137	137	137	137	136	136	136	136	136	136	136	138	137	139	137	137	167	216	216	216	216	216	216	216	216	216	
PGLA	ST10		180	180	180	180	180	180	179	179	179	180	180	180	180	179	179	180	180	180	180	180	180	181	180	181	180	181	180	181	181	181	181	181	181	181	181	181	181	181	181	189	238	238	238	236	236	235	186	180		
PLPS	GT11		65	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PLPS	GT13		63	123	125	125	125	125	124	124	124	124	125																																							

Daily MW Generation on Sunday

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	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3
HTRG	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KNRG	HY01	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
KNRG	HY02	25	24	25	25	25	26	25	25	25	25	25	24	25	25	24	25	25	25	25	25	25	24	25	25
KNRG	HY03	22	21	22	22	22	23	22	23	22	22	22	22	22	22	21	22	21	21	22	22	22	22	22	22
KNYR	HY01	102	101	101	101	101	102	102	102	102	102	102	101	101	101	101	101	102	102	102	102	102	101	102	102
KNYR	HY02	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
KNYR	HY03	100	99	99	99	99	100	100	100	100	100	100	99	99	99	99	99	100	100	99	99	90	90	99	100
KNYR	HY04	101	100	101	101	101	102	102	102	101	101	101	101	101	101	101	101	102	102	102	101	101	101	101	102
LPIA	HY01	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
LPIA	HY02	22	22	22	22	22	22	22	22	22	15	15	21	21	21	21	21	21	21	21	21	21	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	HY01	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	0	0	0	0	19	20	21	20
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1
SIHY	HY01	30	49	50	50	50	50	50	50	49	50	50	49	30	30	30	0	0	0	0	0	0	50	50	50
SIHY	HY02	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50
SIHY	HY03	30	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	17	17	17	17	17	17	25	25	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	17	17	17	17	17	17	25	25	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	17	17	17	17	17	17	25	25	25	25	25	25	25	25	8	0	0	0	0	0	0	0	0	0
TMGR	HY01	34	31	-1	-1	-1	-1	-1	-1	-1	0	-1	-1	-1	-1	-1	-1	0	-1	-1	-1	-1	82	82	82
TMGR	HY02	45	42	84	76	68	81	89	88	89	91	79	80	86	86	70	42	57	83	62	84	84	76	47	43
TMGR	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
TMGR	HY04	32	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	83	83	83	83	82
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	91	93	90
UPIA	HY01	5	6	6	5	5	5	6	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	5	5	5	5
Total Hydro		942	858	862	844	835	848	862	882	885	885	873	867	872	864	829	798	816	865	734	751	753	743	710	704
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	1	3	7	9	21	12	24	15	18	21	26
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	14	23	23	24	35	28	33	32	32
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	8	11	18	21	23	24	32
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	12	19	14	19	26	27	33	40	36
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	13	26	24	36	25	45	28	48
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	10	14	17	15	30	25	19	18	28
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	9	14	19	22	25	29	31	47	36
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	11	17	21	27	22	29	28	23
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	9	17	28	39	58	62	89	89	77
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	6	11	35	32	28	37	43	39
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	8	15	25	23	24	22	30
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	3	11	23	10	13	20	35	99	83
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	2	4	6	14	22	32	32	31
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	10	12	17	26	25	17	19	21
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	11	14	18	25	52	45	34	34	50
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	14	40	65	55	40	78	93	110	115	110	110
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	31	32	24	36	43	47	52	47
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	8	13	13	13	16	19	42	27

Daily MW Generation on Sunday

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			
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	7	19	21	7	10	12	12	22	29	23	16	17	17	6	6	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0		
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	9	15	25	30	30	30	30	30	30	30	19	27	29	26	16	18	17	9	5	3	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	10	56	119	221	285	329	447	546	631	744	777	917	876	856	785	804	641	469	399	291	254	170	84	24	3	0	0	0	0	0	0	0	0	0	0
KHTC	BLK1	5	4	0	3	3	2	4	1	2	2	3	3	1	2	2	3	1	3	2	3	4	2	2	2	3	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	3				
PCUF	CUFG	8	7	9	7	7	8	7	7	7	6	7	6	7	7	7	8	7	8	8	8	8	7	8	7	7	8	6	6	7	8	7	8	6	7	6	6	8	7	9	8	8	10	15	16	18	21				
PCUF	CUFK	23	5	6	4	4	4	4	5	5	4	4	4	4	4	6	3	5	3	6	5	6	5	4	6	4	5	5	4	5	4	5	3	5	4	4	6	4	5	5	5	5	4	3	5	4	4				
Total Co-Gen		36	16	15	14	14	15	13	14	12	14	13	12	13	15	13	14	13	16	16	18	14	14	15	14	16	14	11	12	12	11	13	10	13	10	13	10	12	10	13	12	14	13	13	13	20	23	24	28		
Total Gen		14776	14430	14129	13914	13730	13378	13147	12956	12903	12662	12667	12584	12621	12574	12284	12007	11887	12139	12236	12543	12927	13119	13323	13360	13218	13259	13305	13437	13491	13600	13764	13989	14098	14288	14004	13830	13762	13905	14288	15393	15692	15745	15743	15690	15558	15465	15316	15189		
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			
TIE-HVDC		-31	-28	-31	-30	-29	-30	-28	-27	-29	-29	-30	-28	-31	-28	-30	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-68	-70	-70	-70	-67	-68	-67	-67	-69	-68	-68	-68	-68	-69	-67	-70	-70	-67	-30	-30	-28			
TIE-PLTG		42	35	-26	11	35	4	17	18	12	53	51	105	68	45	45	102	42	7	-10	7	-9	51	53	-7	28	76	98	133	25	-17	7	15	91	47	109	68	100	120	69	59	78	67	28	50	84	31	37	38		
Interconnection		11	7	-57	-19	6	-26	-11	-10	-17	24	21	77	37	17	15	74	14	-21	-38	-22	-38	22	24	-36	-1	48	69	65	-45	-87	-63	-52	24	-20	42	-1	31	52	1	-9	9	0	-42	-20	17	1	7	10		
System Total		14765	14423	14186	13933	13724	13404	13158	12966	12920	12638	12646	12507	12584	12557	12269	11933	11873	12160	12274	12565	12965	13097	13299	13396	13219	13211	13236	13372	13536	13687	13827	14041	14074	14308	13962	13831	13731	13853	14287	15402	15683	15745	15785	15710	15541	15464	15309	15179		
SRev ST-Coal		338	324	491	495	513	567	616	606	605	614	545	558	562	559	549	564	567	569	558	563	556	524	423	417	413	417	410	409	434	420	433	387	393	322	313	303	299	319	296	128	116	122	111	109	98	115	104	101		
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			
SRev CCGT-Gas		1027	1191	538	721	878	1070	1077	1236	1225	1415	1303	1359	1325	1365	1585	1771	1956	1812	1840	1744	1624	1747	1905	2074	2337	2332	2418	2337	2219	2156	2050	1986	1933	1616	1821	1924	1919	1671	1292	473	320	297	319	291	368	335	512	505		
SRev ST-Gas		45	45	44	44	44	44	44	45	45	44	45	44	44	44	44	44	45	45	45	44	44	44	44	44	44	44	44	45	44	44	44	44	44	44	44	44	44	44	44	44	131	131	131	44	45	44	44	45		
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	0	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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		338	426	514	514	514	514	514	514	514	514	426	514	514	514	514	514	514	363	514	514	514	514	514	514	514	514	514	514	514	514	514	426	426	426	275	426	338	426	426	338	151	151	151	338	338	426	426	514		
Hydro		499	395	303	321	330	317	303	283	280	280	293	298	293	277	312	343	325	427	331	289	287	297	330	336	334	328	333	325	196	195	144	145	163	142	274	294	286	286	282	301	443	406	397	292	453	401	335	300		
S.Reserve Total		2247	2381	1890	2095	2279	2512	2554	2684	2669	2867	2699	2773	2738	2759	3004	3236	3407	3216	3288	3154	3025	3126	3216	3385	3642	3634	3719	3629	3408	3329	3185	2988	2959	2550	2728	2992	2973	2746	2340	1284	1161	1107	1109	1074	1302	1321	1421	1465		