

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,043 MW
Distillate	0 MW
Total TNB	2,043 MW
Total IPP	17,353 MW
Total Co-Gen	0 MW
Total System	23,398 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,988	3.83 %
Gas	57,556	15.74 %
Total TNB	71,544	19.57 %
ST-Coal	212,707	58.18 %
LSS	4,817	1.32 %
Gas	75,922	20.76 %
Total IPP	293,446	80.26 %
Co-Gen	-78	-0.02 %
Total Co-Gen	-78	-0.02 %
Total Generation	364,912	99.80 %
PLTG	-21	-0.01 %
HVDC	-695	-0.19 %
Interconnection	-716	-0.20 %
Net Energy	365,628	100.00 %

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	18,313 MW
TNB Generation	4,027 MW
IPP Generation	12,930 MW
Spinning Reserve	1,342 MW
Maximum Demand	16,985 MW
Net Energy	365,628 MWH
Load Factor	89.69 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	636
Hydro	279
Syncon	831
Thermal	179
Total	1,925

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Rainy	23

Gas Usage

Station	(mmscfd)
GLGR	47
TJGS	127
Total TNB	175
CBPS	46
EMPP	194
NPRI	139
PCGP	88
PLPS	23
SPGP	211
Total IPP	700
Total Gas	875
Total Gas Required	875

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	14554	13915	13454	13060	12799	12633	13024	13222	13758	15343	16008	16474	16264	15928	16573	16808	16769	16657	15817	15884	16985	16904	16307	15861

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, July 24, 2023 10:27:56 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	707	705	706	705	705	705	706	603	605	604	603	704	710	704	703	709	707	704	707	705	708	705	705	706	709
JMAH	U002	701	705	708	708	707	711	708	706	705	673	606	699	697	707	707	705	703	707	704	706	705	703	702	704	705
JMHE	U001	900	901	885	845	699	704	701	701	703	701	698	701	701	701	702	700	883	975	973	972	978	977	974	972	968
JMHE	U002	500	501	501	499	501	501	501	501	502	500	500	502	501	503	500	504	499	502	499	497	501	501	497	500	496
JMJG	U002	674	683	672	674	678	678	673	672	677	670	678	678	673	679	678	670	671	671	677	671	673	679	671	677	672
JMJG	U003	682	678	674	674	673	677	673	677	673	676	674	678	682	670	671	671	677	671	673	679	671	679	674	672	672
JMJG	U004	919	906	907	902	900	901	905	904	906	904	906	906	905	901	902	905	905	944	981	977	981	979	977	979	978
JMJG	U005	898	900	892	850	848	824	799	799	803	796	800	801	801	800	799	803	803	892	983	985	980	977	980	981	982
PKLG	U003	150	150	151	150	151	151	150	149	152	151	151	150	150	151	150	151	150	280	280	279	277	276	276	276	277
PKLG	U004	149	149	146	143	142	142	141	143	142	141	145	142	144	144	143	142	143	195	252	276	277	274	275	275	280
PKLG	U006	448	447	450	417	327	267	269	268	268	269	269	269	345	419	447	448	446	447	448	449	449	449	449	448	447
TBIN	U001	504	427	343	209	210	212	210	210	210	210	209	210	210	209	208	304	300	397	600	693	696	700	698	701	700
TBIN	U003	267	210	212	209	211	210	211	209	210	209	210	210	211	210	210	300	412	621	697	693	696	694	696	696	696
TBIN	U004	901	903	897	854	853	822	804	805	803	803	804	803	800	803	802	803	802	866	956	979	983	983	983	984	984
Total ST-Coal		8400	8265	8144	7839	7605	7505	7451	7347	7358	7307	7253	7455	7530	7598	7628	7812	7823	8509	9353	9570	9574	9566	9564	9572	9566
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
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
CBPS	BLK2	222	222	221	221	221	221	221	221	222	221	222	220	222	220	221	221	222	360	304	234	243	347	296	296	296
EMPP	BLK1	684	703	686	695	711	673	452	410	409	409	407	412	414	609	576	442	709	520	509	710	712	701	691	685	680
EMPP	BLK3	679	699	686	697	711	710	711	712	581	547	589	522	644	609	577	439	711	520	516	709	711	697	692	686	675
GLGR	GT01	68	67	67	66	67	66	67	67	67	67	67	65	67	68	66	67	67	67	66	68	67	66	66	65	66
GLGR	GT02	66	66	66	66	66	66	65	66	66	66	67	66	66	66	66	67	66	66	66	65	66	65	65	65	66
GLGR	ST1C	70	71	70	71	71	70	70	71	70	70	70	70	70	70	70	71	71	71	71	71	71	70	71	70	71
NPRI	BLK1	506	329	323	326	329	333	334	333	335	331	328	332	330	333	332	333	333	530	417	351	366	508	508	503	486
NPRI	BLK2	516	323	319	317	325	329	328	328	329	329	321	328	329	329	328	329	328	505	392	350	371	383	517	517	512
PCGP	PGRG	586	598	591	591	599	602	605	603	602	602	596	601	603	602	600	604	603	598	600	605	608	596	595	591	584
PLPS	GT13	124	125	125	124	125	124	125	125	125	124	125	125	125	125	124	124	126	125	125	125	124	124	125	125	124
PLPS	ST18	57	58	58	57	57	57	57	59	56	57	57	57	57	58	58	57	57	57	57	58	57	58	58	57	58
SPGP	BLK1	718	718	720	720	719	721	719	718	717	716	715	716	716	717	717	716	714	719	716	717	720	721	720	725	719
SPGP	BLK2	710	720	717	711	723	729	728	727	726	724	720	728	725	727	729	727	728	725	722	728	730	717	723	720	671
TJGS	GT1A	135	135	140	135	134	138	135	136	139	140	135	138	136	135	139	135	138	136	140	137	135	136	138	137	129
TJGS	ST1C	77	78	77	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	79	78	78	77	78	77	78
TJGS	GT2A	131	132	132	131	132	132	133	132	132	133	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
TJGS	GT2B	128	128	128	128	128	129	129	129	129	128	128	129	128	129	129	129	129	129	129	128	128	128	128	128	128
TJGS	ST2C	192	191	191	191	191	191	191	191	191	191	191	190	190	191	191	191	190	191	191	191	191	191	191	191	192
Total CCGT-Gas		5669	5363	5317	5325	5387	5369	5148	5106	4974	4934	4947	4909	5032	5196	5133	4863	5403	5524	5233	5456	5509	5719	5794	5767	5630
Total 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
BSIA	HY01	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
BSIA	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	0
BSIA	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
CEND	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
CEND	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
CEND	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
HTRG	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	-1
HTRG	HY02	0	0	0	0	0	0	69	125	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
HTRG	HY03	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
HTRG	HY04	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

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					
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	21	0	0	0	0	
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23	23	0	0	0	0	
KNRG	HY03	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	38	38	38	38	40	40	40	40	
KNYR	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	0	0	0	0	
KNYR	HY02	93	94	96	96	96	100	59	58	98	99	100	99	99	99	99	99	99	99	99	99	98	99	99	100	99	98	99	96	
KNYR	HY03	91	92	91	90	90	90	89	89	90	91	92	93	93	93	92	91	91	90	89	88	51	51	47	55	90	92	92	92	
KNYR	HY04	93	96	97	96	97	99	59	58	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	96	
LPIA	HY01	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12	12	
LPIA	HY02	13	13	13	13	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
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	3	3	3	3	
PGAU	HY01	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	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	-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	0	0	0	0	
SIHY	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	0	0	0	0	
SIHY	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	0	0	0	0	
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	
SYPS	HY01	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	23	23	24	0	0	0	
SYPS	HY03	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	0	0	0	
SYPS	HY04	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	0	0	0	
TMGR	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	-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	
TMGR	HY04	39	41	41	41	42	43	43	41	43	64	42	43	42	48	42	41	81	85	69	57	72	69	41	40	38	40	40	40	39
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	86	93	83	92	91	89	-1	-1	
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	95	93	91	186	-1	-1	-1	-1	
UPIA	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Total Hydro		458	486	418	416	416	423	411	462	419	442	421	422	449	422	421	461	560	540	435	470	504	504	520	483	494	385	521	593	682
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
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4	2	6	11	21	17	16	13	21	21	17	20
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	10	14	18	18	25	17	15	20	19	19	22
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	8	9	12	13	21	14	20	34	13	9	8	14
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	8	9	9	8	14	20	16	11	20	14	13	16
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	6	7	10	15	22	27	28	21	19	21	12	18
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	6	7	9	13	17	18	14	14	15	14	13	11
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	11	15	16	15	15	22	24	33	19	16	30	29
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	6	8	13	14	19	24	17	22	22	16	11	20	20
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	1	9	25	8	11	13	11	8	17	9	9	17
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	11	21	23	33	39	56	44	52	74	69	30	38	56
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	6	10	12	17	23	28	23	41	37	25	32	21	33
KMLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	7	9	11	13	17	14	22	30	18	23	13	27
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	15	49	40	86	80	94	96	95	100	100	67	74	75	81
KRLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	11	22	16	19	30	28	28	15	21	26	24	23
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	9	11	26	23	15	22	20	29	29	14	11	7
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	13	14	22	29	36	35	39	26	31	28	28	17
MNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	19	30	31	40	82	76	92	52	75	73	53	56	21
PKLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	23	23	34	39	55	56	59	59	60	54	49	48	54
SNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	12	16	10	28	34	31	25	32	10	10	10	10	10
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	11	10	15	19	15	19	15	22	17	20	21	24

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																								
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	18	25	27	29	38	22	33	31	36	19	17	15	18	15	11	12	9	4	5	3	0	0	0	0	0	0	0	0	0			
STLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	7	12	20	25	24	11	20	18	19	15	11	11	0	1	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0		
TBLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	7	6	9	10	14	16	18	21	18	16	15	11	19	16	11	10	9	6	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	6	53	120	221	284	425	517	634	727	624	716	722	624	549	502	590	469	501	406	395	244	167	105	39	5	0	0	0	0	0	0	0	0	0	
ESTL	ESTL	0	0	0	0	0	-2	-3	-3	0	-8	0	-10	0	0	0	0	0	0	-5	0	0	0	0	0	0	0	0	-5	-8	-1	0	0	0	0	0	0	0	-4	-6	0	-1	0	0	0	0	-13		
KHTC	BLK1	-15	-15	-13	-15	-14	-12	-13	-10	-10	-13	-11	-11	-12	-13	-13	-15	-18	-21	-22	-28	-29	-30	-34	-35	-38	-34	-40	-41	-43	-41	-42	-42	-39	-43	-41	-40	-33	-35	-32	-30	-27	-26	-29	-26	-28	-27	-29	-27
PCUF	CUFG	2	2	4	3	2	3	4	3	3	1	2	3	3	2	2	2	1	3	2	2	3	2	3	2	3	3	2	3	3	2	16	16	15	15	15	17	16	17	17	16	16	15	15	16	15	17		
PCUF	CUFK	8	9	9	7	8	8	9	9	9	8	8	9	10	9	11	10	9	9	9	7	7	6	5	4	3	2	3	4	10	26	25	24	25	25	26	25	27	26	26	27	25	25	25	25	26	26		
PFTZ	PFTZ	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
Total Co-Gen		-1	0	4	-1	0	1	1	3	6	-8	3	-6	4	3	2	2	-2	-7	-6	-13	-16	-21	-20	-23	-28	-25	-31	-33	-34	-31	-36	-34	6	2	2	4	11	12	13	14	14	20	17	18	16	18	15	7
Total Gen		14526	14114	13883	13579	13408	13298	13011	12918	12757	12675	12624	12780	12988	13246	13185	13104	13738	14706	15341	15732	15962	16285	16476	16563	16275	16053	15883	16276	16552	16878	16811	16670	16709	16841	16613	16196	15789	15560	15857	16552	16971	16942	16849	16595	16269	16121	15834	15532
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		-29	-29	-28	-28	-31	-30	-31	-28	-30	-27	-29	-29	-31	-27	-31	-31	-28	-30	-29	-29	-29	-28	-28	-29	-29	-29	-28	-31	-29	-29	-29	-28	-28	-28	-28	-29	-30	-28	-31	-29	-28	-29	-28	-30	-27	-29	-27	
TIE-PLTG		1	-1	-4	2	-15	5	-18	13	-12	17	20	-7	-6	-8	-6	-19	9	32	27	12	-17	-1	31	20	39	17	-17	-24	7	23	34	-28	-31	-9	-16	-10	0	-26	2	-18	14	-4	-26	-18	-9	-17	4	-6
Interconnection		-28	-30	-32	-26	-46	-25	-49	-15	-42	-10	-9	-36	-36	-36	-37	-49	-20	2	-2	-17	-46	-30	2	-8	11	-11	-45	-53	-21	-5	3	-56	-60	-38	-44	-38	-28	-55	-27	-48	-14	-35	-55	-46	-38	-45	-27	-33
System Total		14554	14144	13915	13605	13454	13323	13060	12933	12799	12685	12633	12816	13024	13282	13222	13153	13758	14704	15343	15749	16008	16315	16474	16571	16264	16064	15928	16329	16573	16883	16808	16726	16769	16879	16657	16234	15817	15615	15884	16600	16985	16977	16904	16641	16307	16166	15861	15565
SRev ST-Coal		616	612	626	663	678	666	675	752	747	777	804	655	692	680	644	649	633	612	338	165	161	169	171	163	169	172	166	176	168	174	194	165	168	179	175	170	190	167	169	163	172	169	163	164	181	127	187	187
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		947	1253	1299	1291	1229	1247	1468	1510	1642	1682	1669	1707	1584	1420	1483	1753	1213	1092	1383	1160	1107	897	822	849	986	1311	1378	1011	739	452	350	533	565	314	564	606	758	950	711	395	292	240	217	250	371	446	630	758
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
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
SRev Co-Gen		1	1	0	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0	0	2	0	4	0	0	1	0	1	2	1	0	0	0	0	0	0	1	-1	0	-1	0	0	-1	0	0	-1	-1	0	0
Syncon		978	827	978	978	978	828	828	978	1079	1079	1079	1079	928	1079	1079	1079	892	892	1079	928	1079	1079	1079	1079	1079	827	791	861	861	674	730	579	917	1104	1104	1104	1104	554	277	428	615	928	928	1016	953	1104		
Hydro		176	299	141	143	143	136	248	222	139	116	137	136	136	260	136	137	97	185	205	123	239	94	154	138	175	164	173	258	222	213	228	283	281	441	74	118	133	132	157	376	601	540	472	380	438	244	327	117
S.Reserve Total		2718	2992	3044	3075	3028	2878	3219	3462	3608	3655	3689	3577	3492	3289	3342	3618	3022	2781	2818	2529	2435	2243	2226	2229	2410	2726	2797	2274	1921	1700	1633	1655	1744	1513	1730	1999	2184	2353	2140	1488	1342	1376	1467	1722	1917	1832	2097	2166