

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,342 MW
Distillate	0 MW
Total TNB	2,342 MW
Total IPP	16,332 MW
Total Co-Gen	0 MW
Total System	21,662 MW

Generation Mix

Type	MWh	Percentage
Hydro	25,657	7.10 %
Gas	43,408	12.01 %
Total TNB	69,065	19.11 %
ST-Coal	188,428	52.13 %
LSS	7,263	2.01 %
Gas	95,505	26.42 %
Total IPP	291,196	80.56 %
Co-Gen	688	0.19 %
Total Co-Gen	688	0.19 %
Total Generation	360,949	99.86 %
PLTG	1,050	0.29 %
HVDC	-1,566	-0.43 %
Interconnection	-516	-0.14 %
Net Energy	361,465	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:	16:30:00 Hour
Total Set On Bus	18,417 MW
TNB Generation	3,600 MW
IPP Generation	13,197 MW
Spinning Reserve	1,603 MW
Maximum Demand	16,842 MW
Net Energy	361,465 MWH
Load Factor	89.43 %

Fuel Cost

Total Cost:	119,360,513.00 RM
Cost per Unit	33.07 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	850
Hydro	661
Syncon	196
Thermal	132
Total	1,839

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Cloudy	23

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	163
Total TNB	192
EMPP	280
NPRI	133
PCGP	86
PGLA	65
PLPS	20
SKSP	48
SPGP	104
Total IPP	736
Total Gas	928
Total Gas Required	928

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	14806	14055	13593	13157	12783	12511	12921	13151	13373	14763	15494	15859	15725	15509	16269	16723	16820	16678	15802	15675	16828	16652	16192	15742

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, March 2, 2023 9:52:42 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																									
JMHE	U001	975	980	975	896	899	850	852	853	850	850	850	850	850	851	852	849	849	698	597	503	507	506	505	505	507	506	504	507	506	505	506	506	505	508	505	509	505	504	507	505	507	507	506	508	506	507			
JMHE	U002	977	976	975	897	899	850	849	852	851	851	850	851	852	851	850	852	850	956	975	976	974	974	973	973	972	973	976	975	978	974	973	973	975	973	975	977	976	976	972	973	975	973	975	979	974	977	976	980	
JMJG	U001	673	677	677	678	677	672	678	680	678	676	680	679	676	679	678	678	679	671	679	677	677	677	678	676	678	682	678	677	679	679	682	676	674	679	677	683	678	678	678	674	677	675	676	673	677	679	673	678	
JMJG	U002	673	673	673	674	674	674	674	676	676	675	675	672	672	673	673	681	681	673	673	681	681	678	678	679	679	683	679	679	680	680	680	678	678	677	677	680	680	684	684	680	680	680	679	679	679	679	678	678	677
JMJG	U003	670	670	670	670	670	662	662	667	667	668	668	666	666	672	672	668	668	670	670	668	668	668	671	671	671	668	668	668	668	672	666	666	667	667	675	675	670	670	672	672	666	666	670	670	666	666	662		
JMJG	U005	976	975	975	976	976	894	894	848	848	852	852	849	849	852	852	852	852	852	980	980	980	980	980	978	978	976	974	974	977	977	978	977	977	980	980	978	978	976	976	977	977	975	975	977	977	977	977	981	
PKLG	U003	277	277	278	279	277	277	278	277	276	274	179	156	159	160	160	193	259	274	280	278	278	278	279	279	278	277	276	275	280	279	278	278	276	278	276	277	277	277	278	276	277	274	277	277	276	277	278		
PKLG	U004	279	278	278	278	279	276	276	276	278	277	209	148	149	152	151	165	262	278	277	277	277	275	275	287	273	272	274	273	274	278	273	278	276	275	278	276	275	276	275	277	275	274	272	273	273	275	274	273	273
PKLG	U005	472	472	475	472	468	471	476	466	390	301	261	268	271	268	269	290	390	466	472	470	465	469	477	473	472	473	472	474	469	467	471	472	474	465	473	473	469	469	474	455	473	468	474	473	462	480	466	475	
TBIN	U001	698	698	700	697	701	698	697	698	700	700	698	698	697	697	700	696	697	699	697	696	698	698	701	696	698	701	699	699	698	698	699	695	699	694	698	701	698	696	698	697	699	697	698	698	697	701	701	699	
TBIN	U002	701	700	700	697	696	701	698	706	697	699	698	698	701	697	698	700	696	700	694	704	697	697	697	702	698	699	697	697	696	697	699	697	700	702	697	701	699	694	698	702	696	700	699	696	698	699	698		
TBIN	U004	983	986	983	946	903	853	853	852	853	852	853	853	852	855	853	853	853	910	984	982	982	982	981	981	983	984	985	982	983	982	982	983	982	982	983	983	981	982	980	984	981	982	983	983	982	982	982		
Total ST-Coal		8354	8362	8359	8160	8119	7878	7887	7851	7764	7673	7474	7388	7392	7412	7404	7475	7589	7742	7890	7886	7888	7882	7904	7886	7886	7895	7883	7879	7893	7880	7897	7881	7879	7880	7888	7906	7896	7892	7886	7865	7892	7867	7878	7887	7873	7897	7874	7890	
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		
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		
EMPP	BLK1	687	587	410	440	408	461	410	408	416	416	424	487	516	593	511	489	513	546	616	678	680	688	676	683	671	574	555	713	686	700	687	705	710	710	711	697	704	698	703	715	709	710	707	707	709	711	701	706	
EMPP	BLK2	687	593	410	433	407	460	410	409	423	412	427	487	521	591	518	490	514	549	618	695	697	695	678	682	675	709	711	713	710	708	693	709	709	710	710	701	704	696	701	712	708	707	704	705	708	708	699	705	
EMPP	BLK3	687	686	708	700	690	481	411	409	429	416	441	501	539	609	541	508	535	574	643	704	696	711	711	709	676	709	710	713	710	708	692	706	710	710	709	702	705	697	703	715	709	709	706	707	709	710	702	705	
GLGR	GT02	92	93	92	92	92	92	92	92	92	92	92	92	92	93	92	92	92	92	92	92	92	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93		
GLGR	ST1C	41	41	41	40	41	41	41	41	40	41	41	41	41	41	40	40	41	40	41	40	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
NPRI	BLK1	302	301	308	309	304	310	305	307	311	311	311	312	313	313	313	506	505	310	307	509	512	509	499	505	481	482	308	310	368	514	515	508	511	515	515	510	396	310	447	521	517	515	510	509	511	512	505	436	
NPRI	BLK2	300	298	304	307	301	308	303	303	308	310	309	310	310	310	404	309	311	309	305	305	306	437	502	509	374	305	308	314	308	517	515	513	517	517	514	395	308	446	523	520	518	511	511	514	514	507	431		
PCGP	PGRG	583	582	598	599	587	601	592	591	401	401	402	401	602	603	602	601	604	606	597	591	598	593	572	581	567	595	598	609	602	602	593	593	603	603	601	596	600	598	584	616	605	603	591	590	597	596	580	587	
PGLA	GT11	148	147	152	151	149	152	151	150	153	152	153	152	153	153	152	153	154	151	150	151	150	145	147	144	153	156	154	212	221	138	136	137	136	136	136	136	136	136	161	222	222	221	217	141	138	138	138		
PGLA	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	14	139	208	215	135	134	134	134	134	135	134	134	134	159	220	220	218	219	137	135	136	135	
PGLA	ST10	84	83	84	83	84	84	83	82	82	84	84	83	83	83	84	84	84	82	82	83	84	83	84	83	87	83	76	219	237	174	176	178	178	178	178	178	178	178	182	235	236	232	230	170	177	176	177		
PLPS	GT13	124	125	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	45	112	138	139	139	139	134	126	126	126	126	126	124	124	125	124	125	125	125	125	124	125	125	124	125		
PLPS	ST18	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	57	58	59	59	58	58	58	58	58	58	58	58	58	59	59	59	59	58	58	58	58	58			
SKSP	BLK1	217	219	215	217	218	218	220	218	218	219	217	217	220	216	218	219	218	216	219	219	219	338	348	347	347	343	273	219	216	216	229	239	262	261	262	262	302	321	345	345	346	346	347	218	218	218	107		
SPGP	BLK2	718	703	716	715	711	721	718	713	726	719	719	719	719	718	719	721	720	717	715	711	714	716	698	705	697	702	701	707	705	706	696	695	703	703	706	697	705	708	700	718	719	719	714	708	717	712	702	707	
TJGS	GT1A	127	125	128	126	127	128	128	129	129	128	128	129	128	128	128	131	129	127	128	128	124	117	124	116	125	125	128	128	127	232	184	129	127	164	127	128	125												

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
HTRG	HY04	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
KNRG	HY01	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY02	37	37	37	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY03	37	37	37	37	37	37	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
KNYR	HY01	99	60	61	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	99	99	100	100	99	100	100	99	99	100	100
KNYR	HY02	62	61	75	88	60	95	75	62	100	93	100	100	100	97	98	98	85	90	89	60	60	60	60	61
KNYR	HY03	97	54	55	55	55	55	55	55	55	55	55	55	55	97	97	96	96	95	94	94	94	94	94	94
KNYR	HY04	100	58	59	59	59	59	-1	-1	-1	-1	-1	-1	-1	101	101	0	101	101	100	100	100	100	100	100
LPIA	HY01	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
LPIA	HY02	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
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	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	81	81	81	81	22	22	22	22	22	22
PGAU	HY02	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22
PGAU	HY03	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22
PGAU	HY04	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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
SYPS	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
SYPS	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	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
TMGR	HY02	34	33	34	0	0	0	0	0	0	0	0	0	0	0	85	85	85	85	85	83	84	35	37	37
TMGR	HY03	32	31	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	83	81	82	31	33	33
TMGR	HY04	42	41	57	76	43	77	60	41	84	80	85	86	83	85	83	85	72	74	77	41	42	41	41	41
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	93	88	89	91
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	94	92	91	91
UPIA	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
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0
Total Hydro		789	661	697	632	571	639	602	399	479	468	480	536	477	480	477	1075	1191	1122	1225	1280	1148	1156	1046	988
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
BKLS	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
JELS	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
JLSL	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
KDLS	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
KMLS	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
KNLS	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
KRLS	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
MNLS	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
PKLS	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																								
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	20	29	35	42	47	52	52	52	52	51	52	45	52	35	46	37	21	30	19	9	3	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	3	9	16	23	29	34	38	42	44	46	47	47	45	43	40	39	36	27	24	18	11	5	2	0	0	0	0	0	0	0	0	0		
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	6	16	8	14	11	14	10	7	19	26	25	21	22	19	13	8	2	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	4	7	20	26	21	24	30	30	30	30	30	30	30	30	30	30	30	28	22	14	6	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	1	64	221	377	500	670	744	871	850	902	963	962	953	890	933	898	890	837	658	493	410	271	138	38	3	0	0	0	0	0	0	0	0	
ESTL	ESTL	13	23	18	16	16	8	18	10	19	5	5	0	7	12	9	18	16	16	0	0	14	12	10	11	12	10	9	0	14	13	13	14	4	1	6	1	5	11	20	15	12	16	15	13	22	12	20	13
KHTC	BLK1	3	2	2	2	2	1	2	4	2	1	2	2	3	3	1	3	3	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	3	5		
PCUF	CUFG	5	6	5	6	5	7	5	7	5	5	6	5	6	3	4	6	5	5	5	6	5	5	6	5	6	6	6	18	18	14	7	7	6	5	6	6	5	6	5	6	5	6	5	5	5			
PCUF	CUFK	4	5	5	4	4	4	5	5	3	4	4	4	4	5	4	5	4	4	5	5	5	5	4	4	5	5	6	6	3	5	5	6	5	4	5	4	4	4	4	5	5	4	4	6	5	4	5	
PFTZ	PFTZ	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Total Co-Gen		31	42	36	34	33	26	36	32	35	21	23	17	27	31	24	35	36	32	18	18	31	28	26	26	28	25	25	17	43	39	37	31	22	17	20	16	20	26	34	29	28	30	30	28	38	31	36	31
Total Gen		14757	14433	14016	13766	13568	13328	13118	12864	12734	12589	12453	12605	12860	13108	13145	13054	13319	14126	14714	15159	15461	15724	15864	15899	15702	15545	15452	15815	16254	16633	16724	16782	16788	16814	16727	16296	15867	15573	15751	16442	16822	16796	16665	16479	16151	15986	15731	15363
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		
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-28	-28	-29	-29	-100	-97	-97	-99	-99	-99	-99	-99	-98	-98	-99	-98	-99	-98	-98	-97	-97	-100	-98	-96	-98	-100	-90	-98	-30	-28	-29	-31	-31			
TIE-PLTG		-20	-10	-11	7	4	-31	-11	-9	-20	-20	-28	-11	-32	20	22	16	-25	-10	51	43	64	37	103	60	76	62	41	17	83	130	99	71	68	70	146	157	165	147	172	135	94	105	110	9	-13	-41	20	-13
Interconnection		-49	-39	-39	-22	-25	-60	-39	-38	-49	-48	-58	-41	-61	-10	-6	-12	-54	-39	-49	-57	-33	-59	5	-39	-23	-37	-57	-83	-15	31	1	-26	-32	-28	49	60	65	49	76	37	-6	5	13	-21	-41	-70	-11	-44
System Total		14806	14472	14055	13788	13593	13388	13157	12902	12783	12637	12511	12646	12921	13118	13151	13066	13373	14165	14763	15216	15494	15783	15859	15938	15725	15582	15509	15898	16269	16602	16723	16808	16820	16842	16678	16236	15802	15524	15675	16405	16828	16791	16652	16500	16192	16056	15742	15407
SRev ST-Coal		158	150	153	346	390	480	472	469	517	521	553	562	567	549	553	553	446	422	172	176	124	130	108	126	126	117	129	133	119	132	115	131	133	132	124	106	116	120	126	147	120	145	134	125	139	115	138	122
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		1413	1628	1998	1839	1934	1994	2186	2197	2323	2352	2303	2115	1815	1594	1539	1716	1626	1723	1541	1146	1132	989	1137	1071	1290	1456	1689	1393	1207	827	671	742	845	838	742	1041	1329	1519	1281	668	311	300	345	359	675	807	1032	1416
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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		651	651	651	752	752	752	752	853	853	853	853	702	941	941	941	941	941	525	374	374	374	374	374	374	374	374	374	374	374	374	187	187	187	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro		570	698	662	539	600	532	569	543	463	474	462	593	464	461	464	461	472	505	590	559	556	501	633	625	730	838	916	828	681	765	860	801	628	628	657	720	716	719	731	592	592	591	688	767	675	620	632	627
S.Reserve Total		2792	3127	3464	3563	3763	3845	4066	4149	4243	4287	4258	4059	3874	3632	3584	3758	3572	3175	2677	2255	2186	1994	2252	2196	2525	2790	3113	2733	2386	1916	1838	1866	1798	1603	1523	1867	2161	2358	2138	1407	1023	1036	1167	1251	1489	1542	1802	2165