

POWER SYSTEM OPERATION CORPORATION LIMITED

S.R.L.D.C, BANGALORE

QUARTERLY REPORT

Date:

22 जुलाई 2013

For Period:

अप्रैल 2013 to जून 2013

YEAR:2013-14/Quarter 1

Brief report on Regional Power System /Performance of the grid is given below:

1. POWER SUPPLY POSITION

a) Peak Demand Met and Unrestricted Demand

Month	State/UT	Peak Demand Met (MW)	Unrestricted Demand (MW)	Shortage (MW)	Shortage (%)
Apr-13	Andhrapradesh	11410	13707	2297	16.76
	Karnataka	8103	9614	1511	15.72
	Kerala	3065	3397	332	9.78
	Tamilnadu	11641	12249	608	4.96
	Pondicherry	321	325	4	1.11
	S.Region	33377	37560	4183	11.14
May-13	Andhrapradesh	11369	12060	691	5.73
	Karnataka	7908	9455	1546	16.36
	Kerala	3093	3559	466	13.09
	Tamilnadu	12035	12128	93	0.77
	Pondicherry	332	333	1	0.15
	S.Region	32927	37670	4742	12.59
Jun-13	Andhrapradesh	10723	11755	1032	8.78
	Karnataka	7438	8397	959	11.42
	Kerala	2927	3072	145	4.72
	Tamilnadu	11854	12469	615	4.93
	Pondicherry	323	348	25	7.29
	S.Region	32181	35256	3075	8.72

b) Energy availability and Requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Apr-13	Andhrapradesh	7335	8857	1521.62	17.18
	Karnataka	4923	6168	1245.05	20.19
	Kerala	1772	1925	152.48	7.92
	Tamilnadu	7006	8435	1428.33	16.93
	Pondicherry	194	195	1.16	0.59
	S.Region	21231	25580	4348.63	17.00
May-13	Andhrapradesh	7437	8800	1362.76	15.49
	Karnataka	4796	5472	675.51	12.35
	Kerala	1770	1903	133.54	7.02
	Tamilnadu	7643	8528	884.46	10.37
	Pondicherry	199	201	1.54	0.77
	S.Region	21845	24903	3057.81	12.28
Jun-13	Andhrapradesh	6673	7531	858.11	11.39
	Karnataka	4136	4600	463.50	10.08
	Kerala	1470	1524	54.34	3.56
	Tamilnadu	7466	7755	289.18	3.73
	Pondicherry	193	195	2.19	1.12
	S.Region	19938	21606	1667.31	7.72

2. QUALITY OF SERVICE

a) Frequency Profile (% time)

Month	<48.5Hz	48.5 - 49	49 - 49.7	49.7 - 50.2	>50.2
Apr-13	0.00	0.00	12.00	86.10	1.91
May-13	0.00	0.00	8.14	86.92	4.94
Jun-13	0.00	0.01	3.59	88.14	8.26

b) Voltage Profile

Month	Ramagundam		Hyderabad		Bangalore		Madras		Neyveli	
	Max(kV)	Min(kV)	Max(kV)	Min(kV)	Max(kV)	Min(kV)	Max(kV)	Min(kV)	Max(kV)	Min(kV)
Apr-13	420	405	436	408	416	380	417	388	418	395
May-13	420	407	437	410	435	384	428	377	418	384
Jun-13	426	406	440	413	421	385	421	377	417	390

3. INTER-REGIONAL EXCHANGES(PHYSICAL) in MU

Month	Bhadravati BTB		Gazuwaka BTB		Talcher-Kolar Bipole	
	Import to SR	Export from SR	Import to SR	Export from SR	Import to SR	Export from SR
Apr-13	275.20	0.00	693.89	0.00	1257.13	0.00
May-13	365.04	0.00	699.71	0.00	1376.83	0.00
Jun-13	325.98	0.00	547.42	0.00	1259.09	0.00

4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Apr-13	APTRANSCO	2170	2235	65.41
	KPTCL	723	751	27.91
	KSEB	968	1039	70.77
	TNEB	2240	2319	79.35
	PONDY	225	194	-30.41
	GOA	63	62	-1.70
May-13	APTRANSCO	2514	2597	82.95
	KPTCL	760	780	19.74
	KSEB	1216	1280	64.65
	TNEB	1875	1911	35.82
	PONDY	223	199	-23.45
	GOA	66	65	-1.33
Jun-13	APTRANSCO	2266	2333	66.68
	KPTCL	572	584	11.83
	KSEB	901	968	66.99
	TNEB	1955	1965	9.92
	PONDY	204	192	-11.62
	GOA	48	42	-6.49

5. SUMMARY REPORT

i) IMPORTANT EVENTS

a) COMMISSIONING OF NEW GENERATING UNITS

SL.NO.	STATE/ISGS	STATION NAME	CAPACITY (MW)	TYPE	DATE
1	IPP UNDER OPEN ACCESS	S E P L	150.000	THERMAL	30-04-2013
2	IPP (TAMIL NADU)	TIRUNELVELI/UDUMALPET	20.700	WIND	30-06-2013

b) COMMISSIONING OF NEW TRANSMISSION LINES

SL.NO.	CONSTITUENT	LINE NAME	KV	LENGTH	DATE
1	TANTRANSCO	LILO OF MTPS-GOBI LINE ATANTHIYUR	230	2.230	14-06-2013

c) COMMISSIONING OF NEW SUBSTATIONS

SL.NO.	CONSTITUENT	STATION NAME	KV RATIO	CAPACITY (MVA)	DATE
1	TANTRANSCO	THUDIYALUR (AUGMENTATION)	230/110	20	13-06-2013

d) COMMISSIONING OF NEW LINE / BUS REACTORS

SL.NO.	CONSTITUENT	STATION NAME	BUS/LINE	CAPACITY (MVAR)	DATE
		N I L			

d) Major problem/constraints affecting Grid operation including major Grid disturbances

i) Grid Separations NIL

ii) Grid Disturbances NIL

(वी. सुरेश)
उपमहाप्रबंधक (प्र.से.)