

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड की एक पूर्ण स्वामित्व वाली सहायक कंपनी)

POWER SYSTEM OPERATION CORPORATION LIMITED

(A wholly owned subsidiary of Power Grid Corporation of India Limited)

दक्षिण क्षेत्रीय लोड डिस्पैच केन्द्र, 29, रेस कोर्स क्रॉस रोड, बेंगलूर - 560 009

SOUTHERN REGIONAL LOAD DESPATCH CENTRE, 29, RACE COURSE CROSS ROAD, BANGALORE - 560 009.



संदर्भ: द.क्षे.भा.प्रे.कें./प्रचालन सेवाएं/2011-12 /डी-4/क्यू/ 04/
Ref: SRLDC/OS/2011-12/D-4/Q/04/

दिनांक 17 अप्रैल 2012
Date 17 April 2012

To:

सूचि के अनुसार
As per List

विषय/Sub : दक्षिण क्षेत्र के त्रैमासिक रिपोर्ट / Quarterly Reports of SR

Sir,

IEGC के खंड 6.5.2 के अनुसार, क्वार्टर - 4 (जनवरी 2012 से मार्च 2012 तक) के दक्षिण क्षेत्र के त्रैमासिक रिपोर्ट आपकी सूचना एवं आवश्यक कार्यवाई के लिए संलग्न है।

As per clause 6.5.2 of IEGC, please find enclosed the Quarterly report of SR for Quarter-4 (January 2012 - March 2012) for favour of information and necessary action.

धन्यवाद सहित / With Regards

आपका विश्वस्त / Yours faithfully

(बी. सुरेश / V. Suresh)

उप महाप्रबंधक (प्र.से.) / D G M (OS)

संलग्न : उपयोक्तानुसार

DISTRIBUTION:

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9. मु.म.प्र, नैवेली-II, नैवेली
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GM, NLY-I Expn., Neyveli
11. सदस्य सचिव, एस.आर.ई.बी, बेंगलूर
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13. का.नि, एस.आर.टी.एस-II, पावरग्रिड बेंगलूर
ED, SRTS-II, POWERGRID, Bangalore
14. का.नि (एस.ओ), के.का, नई दिल्ली.
CEO, POSOCO, CC, New Delhi.

POWER SYSTEM OPERATION CORPORATION LIMITED

S.R.L.D.C, BANGALORE

QUARTERLY REPORT

Date: 17 अप्रैल 2012

For Period: जनवरी 12 to मार्च 12

YEAR:2011-12/Quarter 4(Jan-12 to Mar-12)

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 (%)
Jan-12	Andhrapradesh	11099	12172	1073	8.82
	Karnataka	7711	9060	1349	14.89
	Kerala	3097	3279	182	5.55
	Tamilnadu	9310	9454	144	1.52
	Pondicherry	266	269	3	1.07
	S.Region	30105	34049	3944	11.58
Feb-12	Andhrapradesh	11313	12823	1510	11.77
	Karnataka	8065	9102	1037	11.39
	Kerala	3221	3347	126	3.76
	Tamilnadu	9310	12180	2870	23.56
	Pondicherry	286	287	1	0.22
	S.Region	30777	34007	3230	9.50
Mar-12	Andhrapradesh	11972	13434	1462	10.88
	Karnataka	8549	10190	1641	16.10
	Kerala	3348	3508	160	4.56
	Tamilnadu	10242	11658	1416	12.15
	Pondicherry	311	315	4	1.34
	S.Region	33037	36324	3287	9.05

b) Energy availability and Requirement(MU)

Month	State/UT	Energy met Avg/Day (MU)	Requirement Avg/Day (MU)	Shortage (MU)	Shortage (%)
Jan-12	Andhrapradesh	7213	7532	318.99	4.24
	Karnataka	4960	5717	757.31	13.25
	Kerala	1630	1680	50.47	3.00
	Tamilnadu	5956	6899	942.88	13.67
	Pondicherry	135	137	1.76	1.29
	S.Region	19893	21965	2071.42	9.43
Feb-12	Andhrapradesh	7103	7709	605.60	7.86
	Karnataka	4934	5659	725.33	12.82
	Kerala	1603	1646	42.93	2.61
	Tamilnadu	5629	7239	1609.66	22.24
	Pondicherry	159	160	1.96	1.22
	S.Region	19427	22412	2985.48	13.32
Mar-12	Andhrapradesh	7874	9287	1413.13	15.22
	Karnataka	5479	6414	935.77	14.59
	Kerala	1855	1899	44.55	2.35
	Tamilnadu	6016	7988	1971.78	24.69
	Pondicherry	187	189	2.41	1.28
	S.Region	21410	25778	4367.64	16.94

2. QUALITY OF SERVICE

a) Frequency Profile (% time)

Month	<48.5Hz	48.5 - 49	49 - 49.5	49.5 - 50.2	>50.2
Jan-12	0.00	0.01	2.86	96.41	0.72
Feb-12	0.00	0.09	5.20	94.34	0.37
Mar-12	0.00	0.02	8.04	91.75	0.18

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)
Jan-12	420	403	429	399	418	380	423	390	417	403
Feb-12	418	403	426	401	416	376	419	391	419	405
Mar-12	408	399	410	397	403	373	397	377	408	399

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
Jan-12	494.53	0.00	165.71	0.00	1506.34	0.00
Feb-12	541.34	0.00	129.71	0.93	1517.44	0.00
Mar-12	568.47	0.00	139.43	1.77	1625.88	0.00

4. SCHEDULE Vs ACUAL DRAWAL BY STATES

Month	State/UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Jan-12	APTRANSCO	1602	1662	60.18
	KPTCL	889	1010	120.79
	KSEB	1016	1062	45.97
	TNEB	1939	2074	134.95
	PONDY	219	135	-83.72
	GOA	66	63	-3.36
Feb-12	APTRANSCO	1708	1783	75.08
	KPTCL	979	1023	44.47
	KSEB	854	914	60.05
	TNEB	1776	1918	142.32
	PONDY	230	159	-71.83
	GOA	62	41	-20.67
Mar-12	APTRANSCO	1823	1941	117.80
	KPTCL	1090	1116	25.98
	KSEB	886	947	60.93
	TNEB	1881	1977	95.94
	PONDY	245	187	-58.14
	GOA	64	61	-2.59

5. SUMMARY REPORT

II)IMPORTANT EVENTS

a)COMMISSIONING OF NEW GENERATING UNITS

SL.NO.	STATE/SGS	STATION NAME	CAPACITY (MW)	TYPE	DATE
1	IPP (KERALA)	PCBL Co-Generation	10.000	Co-Gen	01-01-2012
2	IPP (TAMIL NADU)	TIRUNELVELI & UDUMALPET	35.575	WIND	31-01-2012
3	IPP (TAMIL NADU)	TIRUNELVELI & UDUMALPET	35.575	WIND	31-01-2012
4	ANDHRA PRADESH	VETAMAMIDI	1.200	HYDRO	01-02-2012
5	ANDHRA PRADESH	JURALA	1.000	SOLAR	01-02-2012
6	IPP (ANDHRAPRADESH)	ANANTHPUR	6.000	HYDRO	01-02-2012
7	KARNATAKA(KPC L)	YAPALDINNI (RAICHUR DISTRICT)	3.000	SOLAR (PHOTOVOLTAIC)	07-02-2012
8	KERALA	RANIPERUNADU	4.000	HYDRO	16-02-2012
9	IPP (TAMIL NADU)	TIRUNELVELI & UDUMALPET	64.640	WIND	29-02-2012
10	ANDHRA PRADESH	APCPDCL(SAI SUDHIR) CUDDAPAH DISTRICT	3.000	SOLAR	01-03-2012
11	IPP (TAMIL NADU)	TIRUNELVELI & UDUMALPET	274.100	WIND	31-03-2012

b)COMMISSIONING OF NEW TRANSMISSION LINES

SL.NO.	CONSTITUENT	LINE NAME	CKT NO	KV	DATE
1	POWERGRID	MADURAI - TUTICORIN JV - 1	400	152.17	31-01-2012
2	POWERGRID	MADURAI - TUTICORIN JV - 2	400	152.17	31-01-2012
3	POWERGRID	LILO OF UDUMALPET - TRICHUR - II AT PALAKKAD	400	24.17	29-02-2012
1	APTRANSCO	MALAKRAM - GUNROCK - 1	220	32.10	31-03-2012
2	APTRANSCO	MALAKRAM - GUNROCK - 2	220	32.10	31-03-2012
3	APTRANSCO	LILO OF VALTUR - JURALA AT JURALA HYDRO	220	0.32	22-03-2012
4	APTRANSCO	GUDAMPADU - MIRIYALAGUDA - 2	220	99.09	31-03-2012

c)COMMISSIONING OF NEW SUBSTATIONS

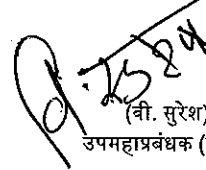
SL.NO.	CONSTITUENT	STATION NAME	KV RATIO	CAPACITY (MVA)	DATE
1	APTRANSCO	PALAMANERU - 2	220/132	100	12-01-2012
2	APTRANSCO	PALAMANERU - 3	220/132	50	06-01-2012
3	APTRANSCO	YEDDUMAILARAM - 1 (Augmentation)	220/132	60	12-01-2012
4	APTRANSCO	NELLORE - 1 (Augmentation)	220/132	60	28-01-2012
1	POWERGRID	PALAKKAD	400/220	315	29-02-2012
2	APTRANSCO	SIVARAMAPALLY - 4	220/132	100	04-02-2012
3	APTRANSCO	GARIVIDI - 1 (AUGMENTATION)	220/132	60	13-02-2012

d) COMMISSIONING OF NEW LINE / BUS REACTORS

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

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

- i) Grid Separations NIL
- ii) Grid Disturbances NIL


(वी. सुरेश)
उपमहाप्रबंधक (प्र.से.)