

Problems in power distribution

2147. SHRI DILIPBHAI PANDYA: Will the Minister of POWER be pleased to state:

- (a) the states which are facing difficulties in power distribution;
- (b) whether Government has made any scheme for promotion and providing assistance to the States in the field of power;
- (c) if so, the details thereof; and
- (d) the financial assistance/grants Government has provided to each State including Gujarat during the current financial year?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL): (a) Power Distribution Sector is a significant link in chain of power generation & supply as financial viability of entire power sector depends on financial viability of distribution sector as it is solely responsible for collecting energy charges from consumers. However, high commercial & technical losses in this sector are creating difficulties in power distribution. As per the Power Finance Corporation's latest "Report on Performance of Utilities for 2007-08 to 2009-10", AT&C losses of the States/UTs for the year 2007-08, 2008-09 & 2009-10 given in the Statement-I (See below).

(b) and (c) With the aim to reduce the AT&C losses up to 15% in the country and improvement in power distribution sector, Government of India has launched the Restructured-Accelerated Power Development and Reforms Programme (R-APDRP) during 11th Plan period.

The focus of R-APDRP is on actual demonstrable performance by utilities in terms of sustained AT&C loss reduction. Projects under the scheme are being taken up in two Parts. The activities covered under each part are as follows:

Part - A: Preparation of Base-line data for the project area covering Consumer Indexing, GIS Mapping, Metering of Distribution Transformers and Feeders, and Automatic Data Logging for all Distribution Transformers and Feeders and SCADA / DMS system for big cities only It will also include adoption of IT applications for meter reading, billing & collection, energy accounting & auditing, redressal of consumer grievances, establishment of IT enabled consumer service centers etc.

Part - B: Renovation, modernization and strengthening of 11 kV level Substations,

Transformers/Transformer Centers, Re-conductoring of lines at 11 kv level and below, Load Bifurcation, Load Balancing, HVDS, installation of capacitor banks and mobile service centers etc. In exceptional cases, where sub-transmission system is weak, strengthening at 33 kV or 66 kV levels may also be considered.

The present status of the R-APDRP scheme is given below:

- Part-A (IT) projects worth Rs.5196.50Cr covering almost all the eligible towns (1402 Nos) in 29 states / UTs have been sanctioned.
- Part-A (SCADA) projects worth Rs.1385.87Cr covering all the eligible towns (60 Nos.) in 13 States have been sanctioned.
- 1100 towns are eligible for Part-B projects. So far 1039 Part-B projects worth Rs.23658.18Cr in 19 States have been sanctioned.

(d) State-wise sanction-disbursement under the R-APDRP scheme is given in the statement-II (See below) Projects worth Rs.1363.01 Crores has been sanctioned to Distribution utilities of Gujarat under R-APDRP. Further, till now, a sum of Rs.258.23 Crores has been disbursed to Distribution utilities of Gujarat. No funds have been released for Gujarat in Financial Year 2011-12 till now under the scheme. Release of funds under R-APDRP are linked to performance and utilization of earlier releases, since there is no demand from utilities of Gujarat in this current financial year, no fund has been released in this financial year.

Statement-I

*Details of State/UT wise Aggregate Technical & Commercial (AT&C)
losses for the year 2007-08, 2008-09 and 2009-10*

Region	State	Utility	2007-08	2008-09	2009-10
1	2	3	4	5	6
Eastern	Bihar	BSEB	47.38	34.37	43.92
	Bihar Total		47.38	34.37	43.92
	Jharkhand	JSEB	23.34	54.01	10.43
	Jharkhand Total		23.34	54.01	10.43
	Orissa	CESCO	46.05	46.84	40.00

1	2	3	4	5	6
		NESCO	34.58	38.90	36.70
		SESCO	48.15	50.59	51.00
		WESCO	41.20	37.55	37.58
	Orissa Total		41.68	42.20	39.71
	Sikkim	Sikkim PD	51.32	46.81	51.35
	Sikkim Total		51.32	46.81	51.35
	West Bengal	WBSEDCL	23.24	25.81	33.24
	West Bengal Total		23.24	25.81	33.24
Eastern Total			33.11	36.62	33.92
North Eastern	Arunachal Pradesh	Arunachal PD	61.59	60.15	52.93
	Arunachal Pradesh Total		61.59	60.15	52.93
	Assam	CAEDCL	42.96	39.36	
		LAEDCL	28.71	29.23	
		UAEDCL	36.02	31.42	
		APDCL			29.03
	Assam Total		35.18	32.68	29.03
	Manipur	Manipur PD	79.67	81.32	48.09
	Manipur Total		79.67	81.32	48.09
	Meghalaya	MeSEB	39.45	43.37	48.77
	Meghalaya Total		39.45	43.37	48.77
	Mizoram	Mizoram PD	28.43	41.08	38.99
	Mizoram Total		28.43	41.08	38.99

1	2	3	4	5	6
	Nagaland	Nagaland PD	49.09	44.12	46.15
	Nagaland Total		49.09	44.12	46.15
	Tripura	TSECL	30.25	31.91	29.16
	Tripura Total		30.25	31.91	29.16
North Eastern Total		40.32	40.70	36.44	
Northern	Delhi	BSES Rajdhani	37.10	20.59	19.83
		BSES Yamuna	47.31	13.73	28.63
		NDPL	19.93	17.64	15.68
	Delhi Total		34.58	17.92	20.78
	Haryana	DHBVNL	31.78	32.60	28.11
		UHBVNL	34.22	34.00	29.91
	Haryana Total		33.02	33.29	28.99
	Himachal Pradesh	HPSEB	17.15	12.85	18.46
	Himachal Pradesh Total		17.15	12.85	18.46
	Jammu & Kashmir	J&K PDD	71.92	69.05	70.44
	Jammu & Kashmir Total		71.92	69.05	70.44
	Punjab	PSEB	19.10	18.51	17.73
	Punjab Total		19.10	18.51	17.73
	Rajasthan	AVVNL	35.71	31.28	33.0
		JVVNL	33.13	30.19	31.51
		JVVNL	30.60	28.40	26.68
	Rajasthan Total		33.02	29.83	30.07

1	2	3	4	5	6
	Uttar Pradesh	DVWN	44.69	45.95	49.62
		KESCO	56.12	53.44	37.37
		MVWN	48.16	40.64	28.71
		Pash VVN	31.29	26.63	27.93
		Poorv VVN	51.91	49.75	54.46
	Uttar Pradesh Total		43.09	40.12	39.65
	Uttarakhand	UtPCL	38.32	35.37	33.53
	Uttarakhand Total		38.32	35.37	33.53
Northern Total			34.51	31.12	30.83
Southern	Andhra Pradesh	APOPDCL	19.23	14.24	17.93
		APEPDCL	7.46	10.26	9.69
		APNPDCL	11.92	14.37	18.52
		APSPDCL	20.02	11.36	16.63
	Andhra Pradesh Total		16.19	12.99	16.43
	Karnataka	BESCOM	26.60	19.17	21.10
		CHESCOM	37.65	25.33	28.21
		GESCOM	41.25	38.80	38.05
		HESCOM	40.70	33.90	28.51
		MESCOM	21.66	14.01	18.40
	Karnataka Total		32.13	24.94	25.34
	Kerala	KSEB	21.52	21.61	14.89
	Kerala Total		21.52	21.61	14.89

1	2	3	4	5	6
	Puducherry	Puducherry PD	18.69	18.47	19.35
	Puducherry Total		18.69	18.47	19.35
	Tamil Nadu	TNEB	16.19	14.39	20.15
		Tamil Nadu Total		16.19	14.39
	20.15				
Southern Total			20.27	16.92	19.49
Western	Chhattisgarh	CSEB	27.59	30.46	
		CSPDCL		38.29	37.98
	Chhattisgarh Total		27.59	32.73	37.98
	Goa	GoaPD	13.12	21.69*	7.76
	Goa Total		13.12	21.69	7.76
	Gujarat	DGVCL	15.23	16.11	15.23
		MGVCL	17.17	14.98	15.27
		PGVCL	32.74	31.78	32.35
		UGVCL	17.23	16.31	18.89
	Gujarat Total		22.81	22.04	22.81
	Madhya Pradesh	MP Madhya Kshetra VVCL	54.43	50.24	42.26
		MP Paschim Kshetra VVCL	40.72	36.38	36.16
		MP Purv Kshetra VVCL	42.58	55.84	46.11
	Madhya Pradesh Total		45.85	46.61	41.03
	Maharashtra	MSEDCL	31.32	31.19	25.02
	Maharashtra Total		31.32	31.19	25.02
Western Total			31.37	31.64	28.23
Grand Total			29.45	27.74	27.15

(Source: PFC)

Statement-II

Year-wise details of sanctiones & disbursements in R-APDRP

(As on 5 Dec-11)

State	Utility	Sanc- tions 2008- 09	Sanc- tions 2009- 10	Sanc- tions 2010- 11	Sanc- tions 2011- 12	Sanc- tions Cumulative	Disburse- ments 2008- 09	Disburse- ment 2009- 10	Disburse- ment 2010- 11	Disburse- ment 2011- 12	Disburse- ment Cumulative
1	2	3	4	5	6	7	8	9	10	11	12
Haryana	UHBVNL	75.16	0.00	230.69	257.79	563.64	21.47	1.07	0.00	0.00	22.54
	DHBVNL	70.88	19.59	0.00	185.10	275.57	20.24	6.90	0.00	0.00	27.14
	Total	146.04	19.59	230.69	442.89	839.21	41.71	7.97	0.00	0.00	49.68
HP	HPSEB	0.00	81.06	337.52	0.00	418.58	0.00	24.32	101.25	0.00	125.57
J&K	J&K PDD	0.00	134.49	17.50	1718.16	1870.15	0.00	40.35	5.25	0.00	45.60
Punjab	PSEB	0.00	784.68	0.00	1050.26	1834.94	0.00	150.40	0.00	147.65	298.05
Chandigarh	ED	0.00	0.00	33.34	0.00	33.34	0.00	0.00	0.00	0.00	0.00
Rajasthan	AVVNL	52.03	155.01	255.63	0.00	462.67	14.87	18.89	46.39	0.00	80.14

	JaVVNL	163.53	63.78	476.06	0.00	703.37	46.50	7.87	86.18	0.00	140.55
	JoVVNL	100.38	23.96	716.93	0.00	841.27	28.68	1.43	119.64	0.00	149.76
	Total	315.94	242.75	1448.62	0.00	2007.31	90.05	28.19	252.21	0.00	370.46
UP	MVVNL	2.50	228.36	470.93	642.29	1344.08	0.00	69.26	70.64	16.43	156.33
	Poorva VVNL	0.00	108.97	350.85	74.11	533.93	0.00	32.69	52.63	0.00	85.32
	Paschim VVNL	0.00	203.01	474.11	453.66	1130.78	0.00	60.90	71.12	0.00	132.02
	DVVNL	0.00	93.69	535.81	562.53	1192.03	0.00	27.37	80.37	0.00	107.74
	Total	2.50	634.03	1831.70	1732.59	4200.82	0.00	190.22	274.76	16.43	481.41
Uttarakhand	UPCL	8.55	117.27	0.00	392.63	518.45	2.44	35.31	0.00	0.00	37.75
Total Utilities (North)		473.03	2013.87	3899.37	5336.53	11722.80	134.20	476.76	633.48	164.08	1408.51
MP	MPPKVCL (E)	86.50	0.00	679.81	0.00	766.31	0.00	22.14	97.97	0.00	120.11
	MPMKVCL(C)	92.04	23.02	862.64	0.00	977.70	0.00	34.85	134.69	2.55	172.09
	MPPKVCL (W)	49.55	338.03	166.64	11.24	565.46	0.00	65.58	21.58	0.00	87.15
	Total	228.09	361.05	1709.09	11.24	2309.47	0.00	122.56	254.24	2.55	379.35
Gujarat	PGVCL	0.00	637.57	166.93	-0.15	804.35	0.00	22.58	118.95	0.00	141.52

1	2	3	4	5	6	7	8	9	10	11	12
	DGVCL	0.00	206.60	32.18	7.43	246.21	0.00	7.01	34.53	0.00	41.55
	MGVCL	47.37	149.41	26.18	-4.26	218.70	13.54	14.59	23.30	0.00	51.43
	UGVCL	0.00	57.59	33.82	2.34	93.75	0.00	9.89	13.84	0.00	23.73
	Total	47.37	1051.17	259.11	5.36	1363.01	13.54	54.07	190.62	0.00	258.23
Chhattisgarh	CSEB	0.00	122.45	0.00	216.56	339.01	0.00	36.74	0.00	0.00	36.74
Maharashtra	MSEDCL	162.18	162.24	1793.51	1652.31	3770.24	46.34	50.99	197.09	344.03	638.44
	BEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	GOA ED	104.89	5.84	0.00	0.00	110.73	0.00	31.47	0.00	0.00	31.47
Daman & Diu	ED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (West)		542.53	1702.75	3761.71	1885.47	7892.46	59.88	295.83	641.95	346.58	1344.22
AP	APCPDCL	175.03	0.00	823.91	65.15	1064.09	50.03	2.49	123.59	19.55	195.65
	APEPDCL	60.66	3.31	0.79	0.00	64.76	17.38	0.82	0.73	0.00	18.93
	APNPDCL	44.50	160.94	12.47	0.00	217.91	12.75	24.72	0.00	0.00	37.47
	APSPDCL	107.83	68.43	39.19	0.00	215.45	30.84	11.78	0.00	0.00	42.62

	Total	388.02	232.68	876.36	65.15	1562.21	111.00	39.81	124.32	19.55	294.67
Karnataka	BESCOM	260.57	291.07	0.00	0.00	551.64	0.00	78.17	43.78	0.00	121.95
	CESCOM	27.73	103.14	76.42	0.00	207.29	0.00	8.32	26.93	0.00	35.25
	GESCOM	30.32	207.84	0.00	0.00	238.16	0.00	11.21	30.12	0.00	41.33
	HESCOM	52.62	205.48	72.88	0.00	330.98	0.00	15.78	0.00	41.75	57.54
	MESCOM	12.07	0.00	0.00	0.00	12.07	0.00	3.62	0.00	0.00	3.62
	Total	383.31	807.53	149.30	0.00	1340.14	0.00	117.11	100.83	41.75	259.68
Kerala	KSEB	0.00	214.40	926.33	28.99	1169.72	0.00	64.31	75.51	80.25	220.07
Tamil Nadu	TNEB	70.04	450.87	3357.82	0.00	3878.73	19.93	120.76	526.23	4.77	671.69
Puducherry	PD	0.00	27.53	0.00	0.00	27.53	0.00	0.00	0.00	0.00	0.00
Total (South)		841.37	1733.01	5309.81	94.14	7978.33	130.93	341.99	826.89	146.31	1446.12
Bihar	BSEB	81.18	113.40	0.00	529.35	723.93	0.00	58.37	0.00	0.00	58.37
Jharkhand	JSEB	8.82	151.78	0.00	0.00	160.60	0.00	30.00	0.00	0.00	30.00
West Bengal	WBSEDCL	0.00	159.98	551.41	161.15	872.54	0.00	47.99	82.05	1.32	131.36
A&N Island	PD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1	2	3	4	5	6	7	8	9	10	11	12
Total (East)		90.00	425.16	551.41	690.50	1757.07	0.00	136.37	82.05	1.32	219.74
Assam	APDCL	0.00	173.18	0.60	413.23	587.01	0.00	51.95	0.00	0.17	52.12
Arunachal	PD	0.00	0.00	37.68	0.00	37.68	0.00	0.00	11.30	0.00	11.30
Nagaland	PD	0.00	0.00	34.58	0.00	34.58	0.00	0.00	10.37	0.00	10.37
Manipur	PD	0.00	31.55	0.00	0.00	31.55	0.00	0.00	9.47	0.00	9.47
Meghalaya	MeSEB	0.00	33.97	0.00	0.00	33.97	0.00	0.00	10.19	0.00	10.19
Mizoram	PD	0.00	34.26	0.86	0.00	35.12	0.00	0.00	10.54	0.00	10.54
Sikkim	PD	0.00	26.30	68.46	0.00	94.76	0.00	7.89	20.54	0.00	28.43
Tripura	PD	0.00	34.37	0.82	0.00	35.19	0.00	10.31	0.00	0.25	10.56
Total (NE)		0.00	333.63	143.00	413.23	889.86	0.00	70.10	72.41	0.42	142.98
Total		1946.93	6208.42	13665.30	8419.87	30240.52	325.01	1321.08	2256.78	658.71	4561.58

Note: The sanctions above include Project Cost approved by R-APDRP Steering Committee for Part-B projects

(Source: PFC)