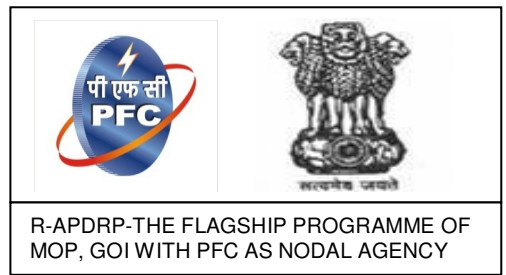


# R-APDRP HIGHLIGHTS

(THE QUARTERLY NEWSLETTER FOR R-APDRP  
ACTIVITIES)



**POWER FINANCE CORPORATION LTD.**

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## Secretary (Power) inaugurates R-APDRP Data Center of Gujarat at Vadodara



**Union Power Secretary, Sh.P.Uma Shankar along with JS(D), MoP, Director(D),MoP , Director(Com),PFC & MD,GUVNL at Data Center**

Gujarat has become the first state among all to have its data center (DC) for R-APDRP commissioned. The same was inaugurated by none other than Hon'ble Union Secretary (Power) on 8th April,2011 at Vadodara. He was accompanied by Sh. Devender Singh, Joint Secretary(Distribution),MoP, Sh. G.Asok Kumar, Director (Distribution),MoP, Sh. L.Chuaungo, MD, GUVNL and other senior functionaries of PFC & GUVNL. DC of Gujarat is ready with all necessary Hardware, Networking equipment and application

software modules as required in the Part-A of R-APDRP. Network connectivity with Pilot town Vyara has also been established. Necessary Bandwidth provisions for connecting to the entire R-APDRP towns in Gujarat have been made in DC.The team from MoP was shown various DC hardware components & racks and were also explained their functionalities. Secretary (Power) evinced keen interest in the same. They also visited Customer Care Center to overview CCC equipments and their functioning. Here, the



**Secretary (Power) & JS evincing keen interest at GUVNL Data Center**

operations of token dispenser machine, Payment Kiosk & Information kiosk were demonstrated to Secretary (Power) & JS. The Trouble Call Centre operation of CCC was also demonstrated.

Secretary(Power) also visited a sub-station at Vadodara and a Distribution Transformer(DT) location as a part of the field visit to have a look and feel of the Data access backbone which is at the heart of R-APDRP(Part-A). DT meter/modem combination was also shown to Secretary (Power) at a DT at Vadodara to demonstrate data acquisition from DT meter to DC.

Secretary (Power) urged ITIA for timely completion of project and emphasized that agreed time schedule for completion of the project is of prime importance and is to be strictly adhered to by ITIA.

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**Secretary (Power) & JS discussing about data center with TCS officials**



**Secretary(Power) & MD, GUVNL at battery room of CCC**

## Welcome Our New Minister Of State



**Sh. K.C. Venugopal**

Sh. K.C. Venugopal, Hon'ble Member of Parliament from Allappuzha constituency of Kerala was sworn in as Minister of State for Power in Union Cabinet on 19th January, 2011. Elected to Kerala Legislative Assembly three times consecutively (1996, 2001 and 2006) from Alappuzha constituency, 47-year-old Venugopal is known for efficiently implementing projects in Kerala where he served as the minister for Tourism, Devaswom and Culture in 2004-06.

## Union Budget 2011 allocates Rs. 2034 Crore for R-APDRP

Union Budget 2011 has allocated Rs. 1959 Crore as loan to PFC under R-APDRP for channelizing the same to various utilities. Of above, Rs. 203.40 Crore is as loan to PFC under R-APDRP for North East states, while balance Rs. 1755.60 Crore is for other states. Union Budget 2011 has also allocated Rs. 75 Crore as Grant under R-APDRP Part-C.

## PFC achieves R-APDRP MoU Targets for 10-11/Signs MoU for 2011-12 with MoP

PFC, designated as nodal agency for operationalization of R-APDRP, has more than achieved MoU targets for 2010-11. Although the sanction target was Rs.9000 Crores, PFC was able to sanction schemes of Rs. 13665 Crores for FY 10-11 for various R-APDRP schemes. Also, the entire amount of Rs.2256.79 Crore as released by Government of India for disbursement under the programme was disbursed by PFC to various state utilities.

Although the nodal

agency was assigned target of achieving ring fencing of 350 towns under R-APDRP, it was able to achieve ring fencing in 810 towns.

Nodal agency was assigned another MoU target regarding capacity building of 4000 mandays under DRUM & APDRP for utility personnel, but was able to achieve a figure of 35895 mandays.

Similarly, although nodal agency was assigned target of conducting four workshops under R-APDRP in FY 10-11, it was able to conduct eight workshops

under R-APDRP in FY 10-11. PFC has also signed annual performance memorandum of understanding (MoU) with Ministry Of Power for the financial year 2011-12. The MoU also comprises of agreed performance targets for R-APDRP as well. The MoU signing ceremony was performed on 24th March, 2011 by Sh. Satnam Singh, CMD, PFC and Sh. P. Umashankar, Secretary (Power), MoP. MoP shall review PFC's performance vis-à-vis set targets on quarterly basis.

## MoP to issue norms for ailing state power distribution utilities-Union Power Secretary

The Union Ministry of Power is working on a set of guidelines to help state electricity boards (SEBs) cut their losses. These guidelines are likely to be issued within next two months. These guidelines were to address issues such as improvement in collection and billing efficiencies of distribution companies, as per Union Power Secretary, Sh. P Uma

Shankar. Some other measures would be long-term power purchase agreements, where supply and price could be ensured. "Power purchase planning can help keep the costs down for electricity boards," he said. He said it was unlikely the government would provide any direct financial assistance to SEBs. The guidelines to SEBs would

also suggest ways and means to decrease AT&C losses. He further said it would be wrong to assume all SEBs were in a bad financial condition. "Some of them are having difficulties. Steps will be taken to improve their finances," he said.

## Utilities advised to get verification of ring-fencing done prior to compiling data for establishment of baseline AT&C losses

PFC, designated as the nodal agency for operationalization of R-APDRP, conducted a meeting with TPIEA-EAs and system meter manufacturers on 3rd February, 2011 at PFC. The meeting was chaired by JS (Distribution) & was also attended by Director (Dist.)

Director (Distribn.) expressed concern at various utilities declaring their

project areas as ring-fenced, whereas gaps are detected in the same during field verification by TPIEA-EA. He advised utilities to get ring fencing of project areas verified from TPIEA-EAs prior to recording & compiling three billing cycle data. Utilities were also advised to monitor healthiness of boundary meters on regular basis, preferably daily &

replace faulty boundary meters within three to seven days. Utilities were further advised to provide the electrical maps of project areas superimposed on geographic maps. JS advised TPIEA-EAs not to exclude HT consumers while evaluating AT&C losses. They were also asked to have data consistencies in reports.

## Director (Distribution) expresses anguish at delay in system meter supply by manufacturers & delay in testing by CPRI

PFC, designated as the nodal agency for operationalization of R-APDRP, conducted a meeting with TPIEA-EAs and system meter manufacturers on 3rd February, 2011 at PFC. The meeting was chaired by JS (Distribution) & was also attended by Director (Dist.)

During the meeting, Director(Distribn.) expressed concern at Meter manufacturers for their delay in system meters delivery in some of the utilities as it was hampering R-APDRP Part-

A(IT) projects in some states. He called upon meter manufacturers to put utmost attention for meeting the delivery schedule of utilities orders and urgently expedite the pending orders. He also expressed concern at non participation by meter manufacturers in energy meter bids by certain utilities.

Director (Distribn.) also expressed concern at utilities changing specifications with respect to the technical specifications as prescribed by MoP of energy

meters for R-APDRP. He cautioned utilities that non adherence of the same may lead to non conversion of loan component against meters into grant. He also highlighted delay in DLMS compliant meter testing by CPRI. CPRI was advised to simplify the test requisition forms and also advised to enhance its DLMS compliant meters testing facilities urgently. CPRI assured to open new meter test facilities at Noida and Kolkata by May'11.



Sh. G.Asok Kumar, Director(Distribution), MoP expressing concern at delays by meter manufacturers & CPRI

## R-APDRP Review Meets Chaired by CMD(PFC) boosting programme implementation in the country

Monthly R-APDRP implementation review meetings are being conducted at PFC head office. These meetings are being chaired by none other than CMD (PFC) himself and are attended by utility heads or their senior functionaries and IT implementation agencies. The regular review meetings have provided much needed boost for the implementation of the reforms programme.

At least five states namely Bihar, Jharkhand,

Goa, Jammu & Kashmir and Chhattisgarh have appointed IT implementing agencies after advent of such review meetings. Also, various prominent issues affecting implementation such as GIS based consumer indexing, asset mapping, metering, ring fencing, billing cycle data, TPIEA-EA issues etc. are also discussed & decisions provided on the spot.

The thoughtfully designed monthly activity schedule formats (town wise)

have also begun to deliver desired results with utilities now having focused approach for R-APDRP implementation.



Sh. Satnam Singh

## MP R-APDRP Implementation Review undertaken at Jabalpur

R=APDRP implementation review for the state of Madhya Pradesh was recently undertaken at Jabalpur, where data center for the state is being established. Jabalpur is also head quarter of MP Poorvi Kshetra Vidyut Vitaran Company Ltd. The review meet was chaired by CMD (MPPKVCL) & attended by officials from all three discoms and ED(APDRP) PFC,

AGM(APDRP) PFC, PFC HQ Nodal Officer(APDRP) & PFC site Nodal Officer(APDRP) for MP. The meet was also attended by M/s TCS (ITIA) , M/s Infosys(ITC) & M/s Kalki(SDC). ED(APDRP) noted that there has been considerable delay in Part-A(IT) implementation in the state & asked state utilities to expedite the implementation. PFC team

also visited R-APDRP data center at Jabalpur and also visited Siroha, a town selected as pilot town. The team also visited the Division office, both the Substations in the town and two distribution transformers locations, to observe the progress on hardware installation, GIS & Meter Data Acquisition System (MDAS).



ED(PFC) along with MPPKVCL officials at a sub-station in Sihora town

Power Finance Corporation Ltd.  
(A Govt. Of India Undertaking)  
Urjanidhi, 1, Barakhamba Lane  
Connaught Place, New Delhi-  
110001

## R-APDRP KEY MILESTONES ACHIEVED

Related Web links:  
[apdrp.gov.in/](http://apdrp.gov.in/)  
[pfcindia.com](http://pfcindia.com)  
[/powermin.nic.in](http://powermin.nic.in)

ACTIVITY	ACTUAL
Appointment Of IT Advisor/Web Consultant	14-10-2008
Appointment Of Process Consultant	23-10-2008
Empanelment of IT Consultant	09-01-2009
Launch of R-APDRP Web Portal	25-02-2009
Empanelment of IT Implementing Agencies	20-03-2009
Model RFP for ITIA uploaded on web	23-02-2009
Sanction Of 1401 Part-A DPRs (₹ 5177 Crores Cumulative)	08-09 to 10-11
Part-B DPR Format Readiness	30-06-2009
Methodology for establishing baseline data system	04-09-2009
Appointment of Capacity Building Consultant	09-09-2009
Empanelment of SCADA Implementing Agencies(SIA)	25-09-2009
Empanelment of SCADA /DMS Consultants(SDC)	25-09-2009
Model RFP for appointment of SDC	30-11-2009
Model DPR for SCADA/DMS	23-12-2009
Short listing of technically responsive TPIEA-EA	18-12-2009
Appointment of TPIEA-EA (All but 5 States)	09-03-2010/11-05-2010/21-07-10
Model RFP for appointment of SIA posted on web	17-03-2010
Sanction Of 28 No. SCADA DPRs(₹ 669 Crores Cumulative)	March '10 to March '11
Launch of Smart Grid Forum	26-05-2010
Sanction of 823 Part-B DPRs(₹ 15975 Crores Cumulative)	March'10 to March'11
Appointment of ToD Consultant	08-09-2010

Nodal Agency-  
R-APDRP



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## R-APDRP: THE WAY FORWARD IN NEXT QUARTER

### ACTIVITIES

Appointment of TPIEA-EA(for all balance 5 states)
Appointment Of TPIEA-IT (RfP issued, Bids Received)
Sanction of Balance Part-B DPRs
Sanction of Balance SCADA/DMS DPRs
Empanelment of PTIs & RIs

### Evolution of R-APDRP

Power Distribution Sector has always been identified as a significant link in chain of power generation & supply as financial viability of entire power sector depends on financial viability of this sector as it is solely responsible for collecting energy charges from consumers. However burgeoning commercial & technical losses in this sector have always placed enormous financial burden on state and central governments.

Aiming financial turnaround in the sector, MoP, Gol launched Accelerated Power Development Programme(APDP) in 2000-2001 wherein additional central plan assistance was made available to states undertaking distribution reforms in a time bound manner by signing MOU with MOP. The funds were for 63 distribution circles identified as Centers of Excellence by adopting various interventions. In March 2002, APDP was rechristened as APDRP with urban focus & introduction of reforms element. Incentive scheme was introduced to incentivize utilities achieving cash loss reduction. The programme continued in tenth plan and was officially closed on 31-03-09. Although AT&C losses reduced to some extent in X Plan, reduction to desired 15% level was not achieved. Also reliable & verifiable baseline data for revenue & energy was not available for verifying exact AT&C losses in an area and detection of loss pockets. Since above was not possible without adoption of integrated IT approach by utilities, MoP, Gol launched restructured APDRP (R-APDRP) in July 2008 as a central sector scheme for XI Plan where Part-A of the scheme being dedicated to establishment of IT enabled system for achieving reliable & verifiable baseline data system in all towns with population greater than 30,000 as per 2001 census. Installation of SCADA/DMS for towns with population greater than 4 lakhs & annual input energy greater than 350MU is also envisaged under Part-A. Part-B deals with regular ST&D system strengthening & upgradation projects. The focus for Part-B shall be loss reduction on sustainable basis. 100% loan is provided under R-APDRP for Part-A projects & shall be converted to grant on completion of same. 25% loan is provided under Part-B projects and upto 50% of scheme cost is convertible to grant depending on extent of maintaining AT&C loss level at 15% level for five years. Achieving AT&C loss level of greater than 15% shall reduce loan conversion to grant accordingly for that financial year. Upto 10% scheme cost for Part-B can be converted to grant in each financial year.

Power Finance Corporation has been designated by MoP as the nodal agency for operationalising the scheme.