



IN Andhra Pradesh Water Sector Improvement (P100954)

SOUTH ASIA | India | Water Global Practice |
IBRD/IDA | Specific Investment Loan | FY 2010 | Seq No: 12 | ARCHIVED on 09-Nov-2015 | ISR21049 |

Implementing Agencies: Telangana State Irrigation Department

Key Dates

Key Project Dates

Bank Approval Date:03-Jun-2010

Effectiveness Date:10-Sep-2010

Planned Mid Term Review Date:01-Jun-2014

Actual Mid-Term Review Date:01-Sep-2014

Original Closing Date:31-Jul-2016

Revised Closing Date:28-Jul-2018

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The development objectives of the Andhra Pradesh Water Sector Improvement Project are: (i) to improve irrigation service delivery on a sustainable basis so as to increase productivity of irrigated agriculture in the Nagarjuna Sagar Scheme, and (ii) to strengthen the state's institutional capacity for multi-sectoral planning, development and management of its water resources.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Component A: Improving Irrigation Service Delivery in Nagarjuna Sagar Scheme:(Cost \$752.15 M)

Component B: Irrigated Agriculture Intensification and Diversification:(Cost \$21.27 M)

Component C: Water Sector Institutional Restructuring and Capacity Building:(Cost \$23.04 M)

Component D: Project Management:(Cost \$24.00 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Unsatisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Moderate



Implementation Status and Key Decisions

Overall, implementation progress (IP) has improved during the last six months. In particular, the two project implementing agencies of AP and TS are fully functional and that good progress in civil works under Component A has been made, resulting in the increase of the project disbursement amount from 142.0 million in March 2015 to the current US\$160.5 million, about 36 percent of the total planned. It is expected that the disbursement will be accelerated as almost all the contracts have already been awarded and under implementation; Progress on component B and C has not shown substantial improvement as restructuring is required to reflect real demand in the context of state bifurcation.

The mission (Sept 15) made a detailed review on the current project framework, including the PDO, PDO indicators, component activities, and covenant considering the implication of the bifurcation on the water resources management in the two states in general, and the NSS in particular. It has been agreed with the client to restructure the project - mainly the component B and C. A request letter is expected soon from the client. The restructuring will certainly include results framework and its indicators, revision of Component B and C to reflect current situation in the sectors and reallocation of funds based on current.



Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Substantial	● Moderate
Macroeconomic	--	● Moderate	● Moderate
Sector Strategies and Policies	--	● Moderate	● Moderate
Technical Design of Project or Program	--	● Substantial	● Moderate
Institutional Capacity for Implementation and Sustainability	--	● Substantial	● Substantial
Fiduciary	--	● Substantial	● Moderate
Environment and Social	--	● Moderate	● Moderate
Stakeholders	--	● Moderate	● Moderate
Other	--	--	--
Overall	--	● Substantial	● Moderate

Results

Project Development Objective Indicators

► Operationalization of Andhra Pradesh Water Resources Regulatory Commission (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Non-existent	--	NON-EXUSTENT	ESTABLISHED
Date	10-Sep-2010	11-Oct-2013	09-Oct-2015	--

► Bulk supply of irrigation water to WUOs in the Nagarujana Sagar Scheme as per their entitlement (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	754 WUOs	while election not yet conducted, 754 WUAs are established and functional	while election not yet conducted, 754 WUAs are established and functional	Bulk irrigation water supplied to at least 90% WUOs in Nagarjuna Sagar Scheme, as per the entitlements determined by the APWRRC, byproject



closure.

Date	10-Sep-2010	08-Mar-2015	09-Oct-2015	27-Jul-2018
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► Increase in crop yields of five major crops by 25% at the end of the project period (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	(i) Paddy 2.49 ton/ha (ii) Maize 2.37ton/ha (iii) Chillies 2.89 ton/ha (iv) Cotton 2.1 ton/ha (v) Groundnut 0.89 ton/ha	(i) Paddy 3.423 ton/ha (ii) Maize 4.43 ton/ha (iii) Chillies 3.944 ton/ha (iv) Cotton 1.513 ton/ha (v) Groundnut 1.86 ton/ha	(i) Paddy 3.77 ton/ha (ii) Maize 6 ton/ha (iii) Chillies 5 ton/ha (iv) Cotton 1.813 ton/ha (v) Groundnut 2 ton/ha	(i) Paddy 5.6 ton/ha (ii) Maize 4.8 ton/ha (iii) Chillies 2.8 ton/ha (iv) Cotton 2.6 ton/ha (v) Groundnut 2.1 ton/ha
Date	--	09-Mar-2015	09-Oct-2015	28-Jul-2018

► Establishment of Water Users Organisations in Nagarjuna Sagar Scheme (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	754.00	754.00	568.00	754.00
Date	10-Sep-2010	29-Mar-2015	09-Oct-2015	28-Jul-2018

► Area provided with irrigation and drainage services (ha) (Hectare(Ha), Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100000.00	100000.00	895455.00
Date	10-Sep-2010	11-Oct-2013	11-Oct-2013	28-Jul-2018

▲ Area provided with irrigation and drainage services - Improved (ha) (Hectare(Ha), Core Breakdown)



Value	0.00	100000.00	100000.00	895455.00
Date	10-Sep-2010	11-Oct-2013	11-Oct-2013	30-Jun-2016

► Area provided with irrigation and drainage services - New (ha) (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	0.00
Date	10-Sep-2010	09-Mar-2015	09-Mar-2015	28-Jul-2018

► Water users provided with new/improved irrigation and drainage services (number) (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	500000.00
Date	10-Sep-2010	08-Mar-2015	08-Mar-2015	28-Jul-2018

▲ Water users provided with irrigation and drainage services - female (number) (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	85000.00
Date	10-Sep-2010	08-Mar-2015	08-Mar-2015	28-Jul-2018

Overall Comments

Due to state bifurcation, results have not been measured. These results will be modified soon under project restructuring. Thereafter, the results will be measured regularly as the results which can be easily measurable can be picked.

Intermediate Results Indicators




► Appointment of the Chairman and Members of the Andhra Pradesh Water Resources Regulatory Commission (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Non existent	No appointment has taken place	No appointment has taken place	Chairman and the 2 members of the commission are appointed
Date	10-Sep-2010	08-Mar-2015	09-Oct-2015	31-Dec-2011

Overall Comments

Data on Financial Performance

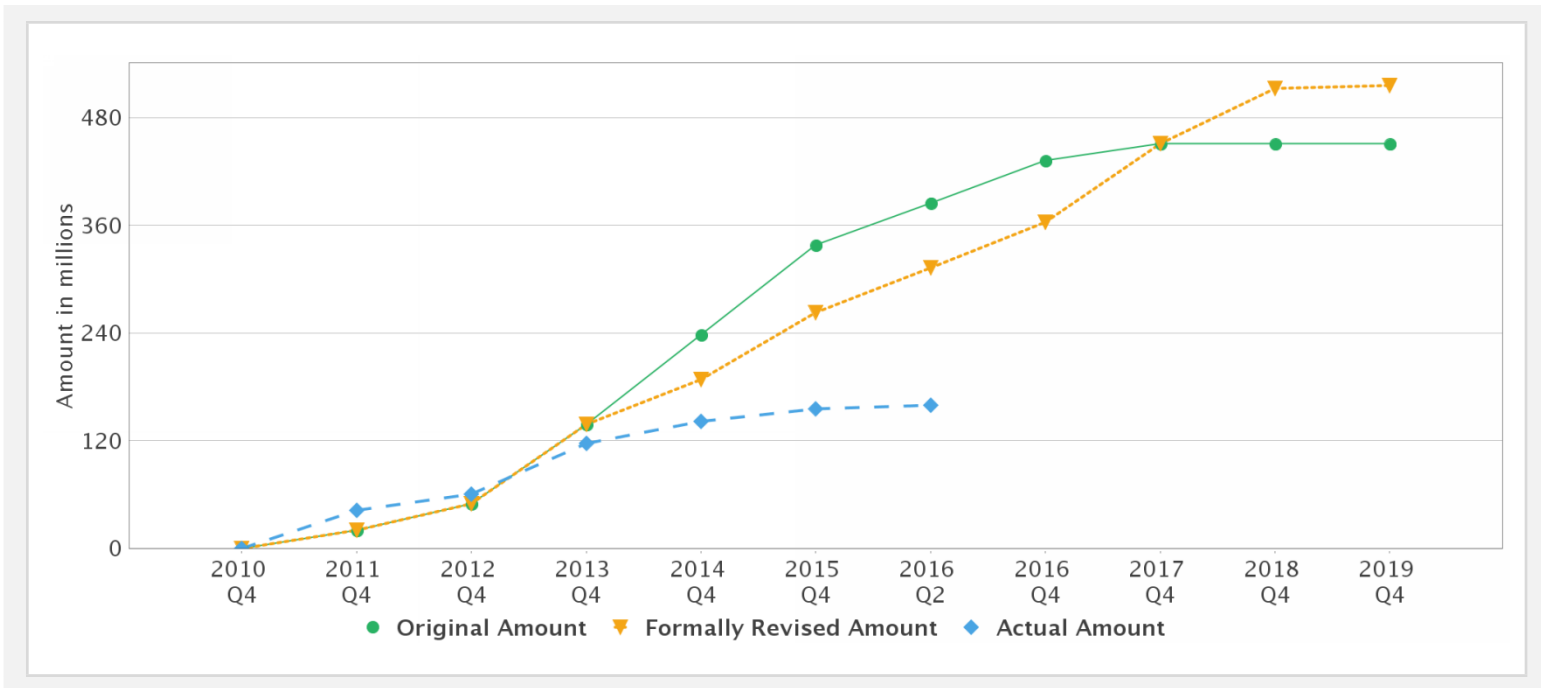
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P100954	IBRD-78970	Effective	USD	450.60	450.60	0.00	160.50	290.10	 36%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P100954	IBRD-78970	Effective	03-Jun-2010	14-Aug-2010	10-Sep-2010	31-Jul-2016	28-Jul-2018

Cumulative Disbursements



Restructuring History

Level 2 Approved on 01-Jan-2015

Related Project(s)

There are no related projects.