

MANGLA DAM RAISING PROJECT

- ◆ Location Mangla District Mirpur A.K.
- ◆ Salient Feature
 - Height of Dam Raising 30 Feet
 - Additional Storage Capacity 2.88 MAF
 - Additional Power Generation **120 MW (644 Gwh/ Annum)**
12 % on existing Generation
- ◆ Scope of Work
 - To regain the reservoir capacity lost due to sedimentation.
 - To store more water for irrigation releases.
 - To minimize conservation of flood discharges and thereby enhance Irrigation releases.
- ◆ Executing Agency WAPDA
- ◆ Commencement Date June 2004
- ◆ Substantially Completion Date December 26, 2009

Financial Status	Local	Foreign	Total (Rs. Million)
Project Cost PC-1(Original)	52875.00	9678.00	62,553.00
Project Cost PC-1(Revised)	92010.33	9374.00	101,384.33
Expenditure upto June 30, 2011	83,635.862	-	83,635.862
PSDP Allocation 2011-12	6,000.00	-	6,000.00
Expenditure during the month (12/2011)	39.015	-	39.015
Current FY Expenditure upto December 2011	1,846.090	-	1,846.090
Expenditure upto December 31, 2011	85,481.952	-	85,481.952

Physical Progress

Description	Progress up to 30. 06.11 (%)	Target 2011-12 (%)	Progress during November 2011 (%)		Progress during December 2011 (%)		Progress during 11-12 (%)	Cumulative Progress (%)	
			Target	Actual	Target	Actual		Target	Actual
Saddle Embankment	100	100	-	-	-	-	-	-	100
Preparatory Work									
Construction of Power House Bypass Road & Bridge Over Bong Canal	98.0	100	-	-	-	-	2.0	100	100
Renovation/ Construction of Office and Camps for WAPDA and Consultants	100	100	-	-	-	-	-	100	100

Description	Progress up to 30.06.11 (%)	Target 2011-12 (%)	Progress during November 2011 (%)		Progress during December 2011 (%)		Progress during 11-12 (%)	Cumulative Progress (%)	
			Target	Actual	Target	Actual		Target	Actual
Resettlement Works									
New City and Four Small Towns	72.50	100.0	-	0.90	-	1.10	6.10	100.0	78.60
Design & Construction of VTI in New City	99.0	100.0	-	-	-	-	1.0	100	100
Up gradation of Dastkari School	84.0	100.0	-	-	-	-	-	100	84.0
Construction of Dhangali Bridge (21 "A")	86.0	100.0	-	0.50	-	0.30	18.60	100	98.80
Compensation to Affectees (Land, Houses and old affectees etc.	96.0	100.0	-	0.0	-	0.0	2.0	100	98.0
Construction of Main Works	99.99	100.0	-	-	-	-	0.01	100	100
Construction of Kharak Dyke	100	100.0	-	-	-	-	0.0	100	100
Construction of Panyam Dyke	100	100.0	-	-	-	-	0.0	100	100

MDR-06 BONG CANAL BRIDGE & POWERHOUSE BYPASS ROAD.

The Bridge over Bong Canal & Powerhouse Bypass Road was completed and inaugurated by Prime Minister of Azad Jammu & Kashmir on June 13, 2009. The works related to Bypass Road have been substantially completed since April 14, 2011.

MDR-10 CONSTRUCTION OF MAIN WORKS

Construction of major components of Main Works i.e. Main Dam & Power Intake Embankment, Sukian Dyke, Jari Dam & Rim Works, Main & Emergency Spillways and Mirpur Bypass Road have substantially been completed since December 26, 2009.

RESETTLEMENT WORKS

A New City near Mirpur and four small towns at Islamgarh, Chaksawari, Dudial and Siakh are being developed at the project cost for the resettlement of Mangla Dam Raising Project affectees. Development works in the New City and the works in four small towns are in progress. The implementation status of each Contract is as under:

- **MDR-24: Construction of Primary and Secondary Roads in New City**

The Contract for construction of Primary and Secondary Roads in New City was awarded to M/s Habib Rafiq (Pvt) Ltd. on March 24, 2005. Cutting and filling works, construction of roads

along with placement of asphalt wearing course, drainage structures and footpaths for Primary and Secondary Roads are in progress. Progress is 96.85% against 100.0%.

- **MDR-25: Construction of roads including water supply and sewerage works in sector of New City**

The Contract was awarded to M/s Habib Rafiq Ltd. on October 17, 2006. Construction activities for roads including side drains, nullahs, water supply works and sewerage works in all Sectors of New City is in progress. Possession of plots to GoAJK remained in progress. Overall progress is 88.90% against 100%

- **MDR-26A: Contract for Construction Of Roads Including Water Supply and Sewerage Works In Small Towns near Islamgarh and Chaksawari**

The Contract for construction of Roads Including Water Supply and Sewerage Works in small towns near Islamgarh and Chaksawari was initially awarded to M/S KKP (Pvt) Limited which was terminated on June 26, 2009 due to non-performance. The Contract was re-awarded to M/S CWE-TTP JV on December 08, 2009. Formation of embankment, laying of water supply and sewerage pipes, construction of culverts, tube well is in progress. Placement of asphalt wearing course on different roads is also in progress. Overall progress of work is 91.60% against 100%.

- **MDR-27A: Contract for Construction Of Roads Including Water Supply and Sewerage Works In Small Towns near Dudial and Siakh**

The original Contract awarded to M/s KKP (Pvt) Limited was terminated on June 26, 2009 due to non-performance. The Contract was re-awarded to M/S CWE-TTP JV on December 08, 2009. Construction activities including roads, road side drains, walkways, water supply and sewerage works is in progress in both small towns. The progress of work is 91.60% against 100%.

- **MDR-28A: Contract for Construction of Public Buildings in New City (Package-I)**

The construction works on buildings (Boys & Girls Primary & Secondary School, Shopping Centre, Mosques, and Allied Residences etc.) is in progress. The overall progress of work is 58.70% against 96.0%.

- **MDR-29A: Contract of Public Building in New City (Package-II)**

The construction activities in all buildings (Hospital, Degree Colleges, Gymnasium, Central Commercial Center, Post Office, Fire station, Police Station & Basic Health Units) are in progress. The overall progress of work is 55.30% against 100%.

- **MDR-32: Contract for Water Supply Intake works Transmission Main and Distribution Main for New City**

The contract was awarded to M/s Friends Engineering Company on May 17, 2006. Work on laying of HDPE pipes for distribution Mains in New City and jointing of HDPE pipes for primary Mains in New City is in progress. The overall progress of work is 77.50% against 100%.

- **MDR-33: Construction of Water Treatment Plant in New City**

The contract was awarded to M/s DESCON on August 28, 2006. Civil, Mechanical and Electrical works on different components of the Contract have substantially been completed since October 31, 2009. Testing and commissioning of the Plant is in progress. The Engineer has recommended for issuance of DLC w.e.f September 30, 2011 which are under process.

- **MDR-34: Construction of Sewerage Trunks and Sewerage Treatment Plant for New City**

Sewerage Network in all Sectors and Sewerage Treatment Plants (STP) are almost complete except electro mechanical works of STP-1. The Contractor has started installation of electro mechanical equipment and in process of arranging aerators. STP-2 is being used by the Affectees residing in Sectors F & F (Ext). Progress is 87.60% against 100%.

- **MDR-35A: Public Buildings in Small Towns near Islamgarh and Chaksawari**

Construction activities on buildings (boys & Girls secondary school, Vocational Training School, Basic Health Unit, Social Centre, Mosque, Residences of Imam, Moazzin and Khadim, Shopping Centre, Police Station, Post Office and Public Toilets) is in progress in both small towns. The overall progress of work is 51.50% against 100%.

- **MDR-36A: Construction of Public Buildings in Small Towns near Dudial & Siakh**

Construction activities on buildings (boys & Girls secondary school, Vocational Training School, Basic Health Unit, Social Centre, Mosque, Residences of Imam, Moazzin and Khadim, Shopping Centre, Police Station, Post Office and Public Toilets etc.) is in progress. The overall progress of work is 36.50% against 100%.

- **MDR-37: Electrification in New City**

Electrification works carried out in Sector A, B, C, D, E & F in New City. Progress is 76.0% against 100%.

- **MDR-38: Electrification in Four Small towns near Islamgarh, Chaksawari, Dudial and Siakh**

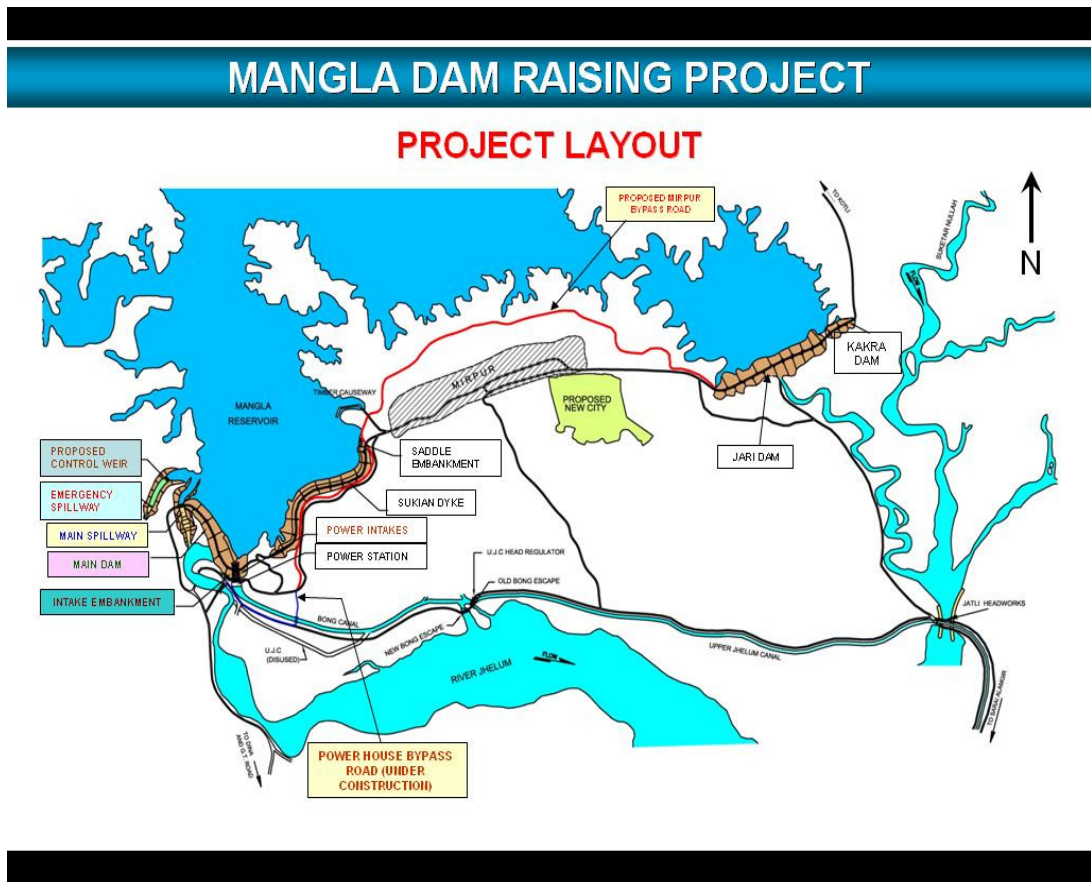
Electrification works carried out in all small towns. Progress is 55.50% against 100%.

839 Islamgarh town, 1348 Chaksawari town, 854 Dudial town and 258 Siakh Town) completed by MDHA.

- Construction of more than 1558 houses started by the allottees in New City & Four Small towns.

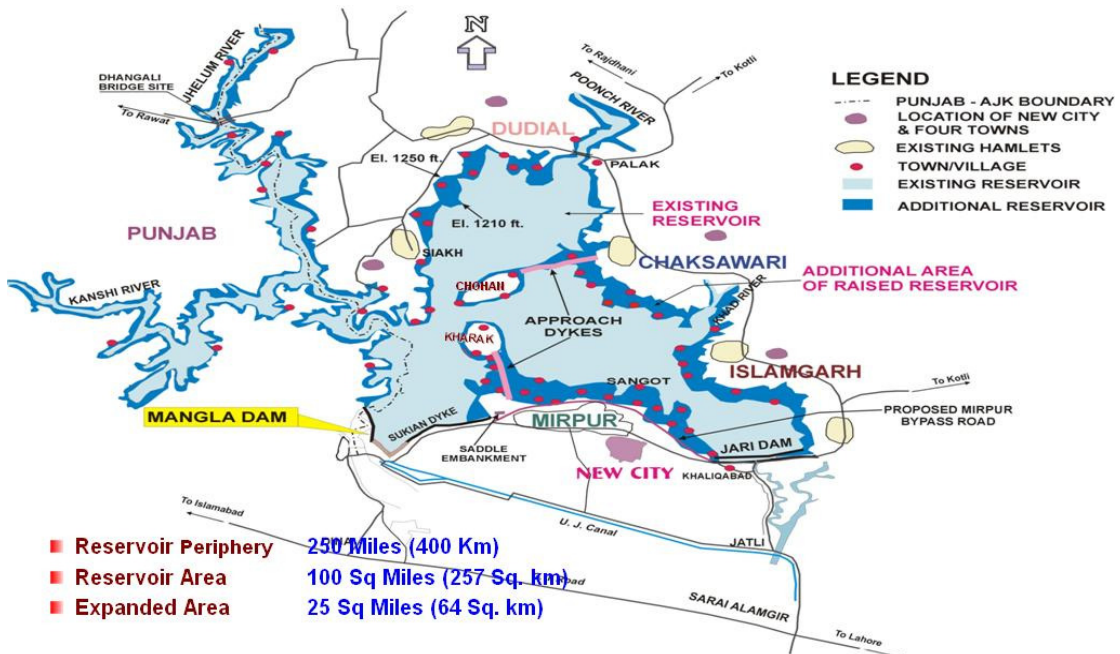
- ❖ Overall Physical Progress up to December 31, 2011 96.00% against 99.90%
- ❖ Financial Progress as per PC-I (Revised) 84.31% against 85.73%

“Updated as on 26-01-2012”



MANGLA DAM RAISING PROJECT

MANGLA RESERVOIR



Main Dam: Filling Works are in Progress



Intake Toe Weight on Upstream of Intake Embankment: Under-Water Filling is in Progress



General View of Main Spillway



Jari Dam: Filling Works are in Progress