

# Monitoring Report

<b>Visit Date</b>	19-9-2015
<b>Report Submitted</b>	5-10-2015

- 1). **Name of Project:** Up-gradation of Pattika Mini Power Station from 100 KW to 500 KW
- 2). **Sector:** Power
- 3). **Sub-Sector:** Power Development Organization
- 4). **Unique Ref. No:** Pow-139
- 5). **Location:**

District	Tehsil	Constituency	Village/Town Committee
Muzaffarabad	Muzaffarabad	LA-24 Mzd-II	Pattika

6). **Status:**

<b>Completed</b>
Financially Completed on 30-6-2015, but physical work is in progress as on 19-9-2015.

7). (a) **Time Line:**

As per PC-I		Approved Duration of Project	As per Admin Approval	
Date of Approval	Date of Completion		Start Date	Completion Date
05-09-2012	04-09-2014	30 months	23-01-2013	22-07-2015

(b) **Time Over:** Y/N

8). **Cost:**

Amount	Actual	1st Revised	Remarks
	62.904	88.137	Cost enhanced for Rs. 25.233 million (38% of original amount)Time overrun 14 months.
Date	05-09-2012	11-11-2014	

9). (a) **Project History**

Year	Phasing as per PC-I Revised	Actual PSDP Provision/Releases	Utilization
2012-13	0.273	5.600	5.600
2013-14	54.969	56.904	56.904
2014-15	34.495	27.233	-
Total	89.737	89.737	-

(b) **Reasons if funds are not released**     N/A

**(10). Project History:**

S. #	Activities as per PC-I	Approved Cost as per PC-I	Cumulative Exp. up to the 30-6-2015	Expenditure During 2014-15		
				Allocation	Releases	Utilization
1	2	3	4	5	6	7
i	Procurement works	9.705	9.705	27.233	27.233	Rs. 27.233 million were released during F.Y 2014-15 but at site 100 % funds were not utilized by the PDO during F.Y 2014-15 and updated utilization statement was not provided by the department.
ii	Civil works	44.614	43.643			
iii	Equipments	26.900	26.900			
iv	Miscellaneous	6.918	6.918			
	<b>Total</b>	<b>88.137</b>	<b>88.137*</b>			

\*100 % funds were released against the project upto 30-6-2015. Furthermore, an amount of Rs. 27.233 million was earmarked and released against the project during Financial Year 2014-15. However, practice at site 100 % utilization was not done during financial year 2014-15. The detail of remaining funds with PDO were required but despite repeated requests made by P&DD on telephone the actual work done & cost of activities and length was not provided by the department

**11). Financial Progress:**

Activity of Work		Unit	Quantity	Cost	Cumulative Exp. Up to June, 2015
1	2	3	4	5	
<b>Preparatory Works</b>					
i	Land & Crop Compensation	kanal	7.11	3.863	Not Provided
ii	Access Road & protection	Cu ft	79439	4.207	9.109
iii	Residential quarter	Cft	8182	1.635	1.169
	<b>Total</b>			<b>9.705</b>	
<b>Civil Works-</b>					
i	Diversion Weir & intake	Cft	6,534.000	2.752	4.313
iii	Power Channel	Cft	80,038.000	12.124	8.618
Iv	Sand Trap		10,305.000	3.369	0.823
iv	Forebay	Cft	19,000.000	4.321	2.152
v	Penstock	Cft	11,338.000	10.380	1.166
vi	Power House	Cft	203,948.000	9.725	7.358
vii	Tail Race	Cft	10,172.000	1.944	1.564
	<b>Total</b>			<b>44.615</b>	<b>25.994</b>
<b>E/M Equipment</b>					
	Hydro Mechanical Equipment	Nos	3.00	26.00	Not Provided
	Interconnection	L/S	0.00	0.900	Not Provided
	<b>Total:-</b>			<b>26.900</b>	Not Provided
<b>Miscellaneous</b>					
	Project Construction Management	No.	3.000	5.488	Not Provided
	Contingencies @ 2%	L/S	0.000	1.430	Not Provided
	<b>Total</b>	No.		<b>6.918</b>	Not Provided
	<b>G. Total</b>			<b>88.137</b>	*

\*The project was financially closed on 30-6-2015 as 100 % allocation was made against the project and also desired amount was released up to 30-6-2015. However, physical work upto 19-9-2015 is in progress. The complete details of above items was not provided by the department.

## 12. Observations/Findings

The total approved cost of the project is Rs. 88.137 million which was 100 % released up to 30-6-2015. Hence in principal the project must would have been completed upto 30-6-2015. Whereas work is in progress at site and department did not provided total utilization amount up to 19-9-2015.

As per plan following Items / Activities were required to be completed by 30-6-2015

<b>Sr. #</b>	<b>Name of Item</b>	<b>Quantity</b>	<b>Approved Cost (million)</b>
1	Land acquisition (kanal)	7.110	3.863
2	Access road and protection (Cft)	79439	4.207
3	Residential quarters (Sft)	8182	1.635
4	Diversion wire and intake (Sft)	6534	2.752
5	Power Channel (Meters)	80038	12.124
6	Sand trap (Sft)	10305	3.369
7	Forebay (Sft)	19000	4.321
8	Penstock & Supports (Meters)	11338	10.380
9	Power House (Sft)	203948	9.725
10	Tailrace (Sft)	10172	1.944
11	Hydro Mechanical Equipment (Nos)	3	26.00
12	Inter connection (L=34''8'' Qty=12 poles)	-	0.900
	<b>Total</b>	<b>-</b>	<b>81.22</b>

However uptill 19-9-2015 (the date of visit of the team) the department has completed only the following items / activities.

<b>Sr. #</b>	<b>Name of Item</b>	<b>Approved Qty</b>	<b>Actual Qty</b>	<b>Progress</b>
1.	Land acquisition (kanal)	7.110	Not Provided	100 %
2.	Sand trap (Sft)	10305	2525	100 %
3.	Forebay (Sft)	19000	9482	100 %
4.	Tailrace (Sft)	10172	8193	100 %



## **Work in Progress**

Work on following items / activities is in progress and needs to be completed against these activities as under:-

### **(1) Approach Road**

Under this project approach road of 795 Rft length was required to be constructed. The approved scope for construction of access road is 79439 cft with the allocation of Rs 4.207 million but at the start of approach road approximately 15-20 meter length needs to be completed as yet. Moreover, drainage works, protection works alongwith approach road also need to be completed at the earliest. The gradient of access road is also beyond permissible limit. Furthermore, some parapets were observed damaged at various points which needs to be repaired / replaced. Against the approved scope, at site 171882 cft for Rs. 9.109 million is completed.





**(2) Diversion Weir**

The approved scope for construction of Diversion Weir is 6534 cft with the allocation of Rs 2.752 million. At site 80 % works of Diversion weir is completed and work is in progress at remaining portion of Diversion weir site and it was committed by the site incharge that remaining works would be completed within 20 days. However, the work done is satisfactory. Against the approved scope, at site 10247 cft for Rs. 4.313 million is completed.



### (3) Power Channel

As per PC-I 80038 cft Power Channel was required to be constructed with the allocation of Rs 12.124 million for operationalization of the project. At site almost 96 % works of power channel is completed whereas remaining 4 % works would be completed within 20 days as reported by the site incharge. Against the approved scope, at site 57075 cft for Rs. 8.613 million is completed.





**(4) Residential Quarter**

For construction of residential quarter 8182 cft quantity was approved with the allocation of Rs 1.635 million. As on 19-9-2015 90 % works with residential quarter is completed and only 4 % works need to be completed. The project authorities were asked to complete the remaining works within 30 days. Against the approved, at site 5846 cft for Rs. 1.169 million is completed.



**(5) Penstock & Supports**

Under the approved PC-I with quantity of 11338 cft with the allocation of Rs 10.380 million of penstock & support was required to be completed. However, at site 85 % works of penstock pipe is completed and only 15 % works need to be completed. Against the approved scope, at site 1275 cft for Rs. 1.166 million is completed.



## **(6) Power House**

In the approved PC-I with 203948 cft with the allocation of Rs 9.725 million of Power House was plan to be constructed. As of 19-9-2015 90 % works of Power House has been completed whereas only 10 % works need to be completed. Against the approved scope, at site 153310 cft for Rs. 7.358 million is completed.



**(7) Hydro Mechanical Equipment**

In the approved PC-I 3 Nos with the allocation of Rs 26.00 million for installation of complete set of Hydro-Mechanical equipment. After completion of installation, Testing and commissioning activities would be initiated. For the purpose approximately 60 days would be required to complete the activities. As on 19-9-2015 90 % works with residential quarter is completed only 10 % works need to be completed. However, the despite repeated request made by P&DD on telephone the actual work done & cost of activity and length was not provided by the department



**(8) Interconnection**

Work for interconnection is yet to be started and it is expected that at least 90 days would be required to complete this activity. The department has not appropriately planned to complete this activity.

## **General Observations**

- (i) No sign board has been erected in the project area. At least 3 Nos of sign board (i.e one at near main road/bazar indicating the site of project , one near power house and one sign board for indicating the channel & diversion weir) are required to be placed for the project.
- (ii) As the structured & finishing works are near completion. Therefore, department may arrange for quality assurance test which was not with the field staff. The material of the concrete was observed from two different sources. Hence material testing reports must be ensured by the department.



### **13). Recommendations:**

- (1) The project was financially closed on 30-6-2015 but up till 19-09-2015 physically work is in progress to complete the remaining activities at site. The department needs to complete the remaining works at the earliest and also submit detailed statement of accounts as well as PC-IV of the project to verify the completed works and commissioning of the project.
- (2) Funds allocated during financial year 2014-15 for Rs. 27.233 million against this project up to 30-06-2015 were 100% released but could not utilized by the department. This practice is against the standard rules and in future this practice should not be repeated. The department may explain the reasons for not completing the desired activities within the given time frame.
- (3) Test reports of penstock pipe, electrical and mechanical equipments concretes and steel works be furnished to P&DD to check the quality of the project.
- (4) Detail testing of all the concrete works may be carried out to ascertain construction quality to protect the power channels.
- (5) Certification for provision of 7 Kanal 11 Marlas of land by the department is required and documentary evidence for acquisition of land is also required to be provided while preparing PC-IV of the project.
- (6) In future for completion of on-going projects in due time, the department should prepare time lines / activities chart in such a manner that all the activities should be completed parallel within given time frame. In this case interconnection activity is also yet not started. The department may complete the process of bidding at the earliest to complete this activity.
- (7) The PDO should ensure the quality assurance and the required tests should be performed before making the payment to the contractors.
- (8) Although the work is in progress and it is expected that at least 60 days would be required to complete these activities but delay in completion of physical works within given time frame indicates the capacity issues of the department which needs to be addressed.
- (9) Funds allocated during F.Y.2014-15 for Rs. 27.233 million were released 100 % but not utilized accordingly upto 30-06-2015. Audit report of the project may be provided for verification of 100 % utilization of funds against this project.

## General Pictorial View



### 14) Category: (Please mark one as per the Findings/Recommendations).

<b>A</b>	<b>Good</b>	
<b>B</b>	<b>Satisfactory</b>	√
<b>C</b>	<b>Not Satisfactory</b>	
<b>D</b>	<b>Poor</b>	

### 15). Reporting Team (P&DD)

Name	Designation	Signature	Date
Jamil Ahmed Khan	Chief Power (P&DD)		
Adnan Nasim	Assistant Director Power (P&DD)		
Abdul Ghafoor	Planning Officer (P&DD)		
Syed Ali Ahmed	Draftsman Power (P&DD)		

### 16). Supervision of Work:

Name of PD / Responsible Officer	Umer Khan
Designation	Assistant Engineer
Full time/Additional Charge	
Contacts	
Office	05822-921063
Cell	
Fax	05822-921064