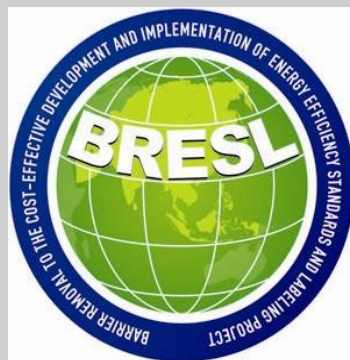


BRESL

Quarterly Review July – September 2013



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BRESL PROJECT
ENERCON Building, G-5/2
ISLAMABAD
www.bresl.net.pk

Annual Review Report

Date: 1October 2013

Award ID: 00058072

Description:

The United Nations Development Program and the Government of Pakistan (through ENERCON) entered into an Agreement in July, 2009 with a view to:

- **Improve and produce Energy Efficient Home Appliances.**
- **Set Standards and Labels for the six targeted home appliances i.e. Fans, CFLs, Ballasts, Motors, Refrigerators and Air-conditioners.**

Project BRESL aims at rapidly accelerating the adoption and implementation of energy efficiency standards and labels (ES&L) in participating countries of Asia, i.e. Bangladesh, China, Indonesia, Pakistan, Thailand and Vietnam, and in so doing bring about energy savings through use of energy efficient appliances/ equipment.

Implementing Partners:

The Implementing Partners for the project are United Nations Development Programme, GEF and ENERCON

Contents

- 1. List of Acronyms**
- 2. Project Issues**
- 3. Project's Performance**
- 4. Lessons's Learnt**

Acronyms

AWP	Annual Work Plan
BRESL	Barrier Removal to the cost effective development and implementation of Energy Efficiency Standards and Labeling
CFL	Compact Fluorescent Lamp
ENERCON	National Energy Conservation Center
EE	Energy Efficiency
ES&L	Energy Efficiency Standards & Labeling
GEF	Global Environment Facility
GoP	Government of Pakistan
MoE	Ministry of Environment
MOWP	Ministry of Water & Power
NPD	National Project Director
NPC	National Project Coordinator
PSCC	Project Stakeholders Coordination Committee
PSC	Project Steering Committee
RPSC	Regional Project Steering Committee
RPMU	Regional Project Management Unit
TWG	Technical Working Group
TOR	Terms of Reference
UNDP	United Nations Development Program

Project Issues

Status of Project Risks:

Risk log attached

Open Project Issues:

Issue log attached

Project Performance

Output I

ID : *ES&L Policy Making Program*

Description:

ES&L policy making program provides a legal basis for prescribing and enforcing energy efficiency standards and labelling regime.

Targets 2013:

- ES&L Policy Formalization
- Adoption of Testing Protocols for BRESL Targeted Appliances & their Regional Harmonization
- Development of MEPS for six Targeted Appliances
- Adoption of labelling regime

Achievements Up to 3rd Quarter 2013:

- The revised Pakistan Energy Efficiency Conservation (PEEC) Bill, prepared by ENERCON has been submitted to Ministry of Water & Power (MOWP) for further processing by Council of Common Interests (CCI) and passage by the Parliament.
- Amended Summary regarding Energy Efficiency Standards & Labelling (ES&L), since submitted to MOWP for approval of the Federal Cabinet, is being pursued for early approval.
- EE Labelling Procedure along with Energy Efficiency Logo has been approved by Project Steering Committee (PSC). The procedure has been updated for regional harmonisation and energy performance rating criteria. It is now planned to be launched in 4th Quarter on the availability of Prime Minister/ Minister for Water & Power.
- A meeting of Technical Committee of PSQCA was organized by BRESL Project for approval of Testing Protocol for Air conditioners. The committee approved the Protocol in principle and is under processing for notification. (Testing Protocols for remaining 5 BRESL targeted appliances have already been approved/ adopted).
- PSQCA requested for adoption of another International EE Testing Protocol for Refrigerators to cover temperature range differences in the newer class of refrigerators using inverter technology, which is under processing.
- A meeting of Technical Committee of PSQCA was organized for approval of MEPS for fans and electric motors, which were prepared by BRESL Project. MEPS for fans and electric motors have been approved and notified. MEPS for CFLs, Magnetic & Electronic Ballasts have already been adopted/ notified.
- MEPS for Air conditioners, prepared by BRESL, were submitted to PSQCA for approval. These have been approved and are under process of notification.

Activity ID: *ES&L Policy*
 Deliverable Description: As Above
 Start and End Date: July – September 2013
 % Progress to date: In progress

Quality Criteria	Date	Results of Activities		
		User Perspective	Resource Status	Timeliness

Financial						
Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
63400	62000	GEF Trustee	Pak-National Execution	3,500	-	3,500
71400	62000	GEF Trustee	Pak-National Execution	7,098	4,078	3,020
71600	62000	GEF Trustee	Pak-National Execution	1,500	-	1,500
72100	62000	GEF Trustee	Pak-National Execution	-	-	-
74200	62000	GEF Trustee	Pak-National Execution	1,000	-	1,000

Output II

ID : *ES&L Capacity Building Program*

Description:

To facilitate awareness and implementation of ES&L regime, and to enhance the support mechanism.

Targets 2013:

- Training to strengthen and enable Public Institutions to support development and implementation of ES&L Programs
- Capacity enhancement in the development and implementation of Standards & Labeling for the six Targeted Products
- Strengthening of National and Regional Testing and Certification Infrastructure
- Strengthening of Data Collection and Reporting Procedures on Equipment Availability and Sales by Efficiency Level in Participating Countries (In last three Quarters)

Achievements Up to 3rd Quarter 2013:

- Meetings were held with manufacturers/ dealers of Pumps and Motors in Gujranwala. More than 70 participants were apprised of the benefits of upcoming ES&L regime being launched by ENERCON/BRESL. Participants desired more of such interaction, which is being planned.
- Liaison developed/ maintained with R&D Organizations, academia and Associations of Manufacturers to facilitate implementation of ES&L regime.
- PC-I prepared and submitted by PCSIR EMTL (Electrical Measurements & Testing Laboratory) for seeking approval for funding to upgrade their facility/ laboratory for EE testing of BRESL targeted appliances, particularly motors, air conditioners and refrigerators. MoST is being persuaded to expedite finalization/ establishment of requisite facility.
- PCSIR was facilitated for participation in EE comparison tests of fans, arranged by RPMU China.
- Public/Private Sector being encouraged through awareness campaigns to establish EE testing facilities.
- As a result of awareness campaign and consultative meetings, many of the manufacturers are on board for adoption/ launching of ES&L regime. Working Group for Fans, consisting of public and private sector representatives, is devising the strategy for adoption/ implementation of the regime in fan sector.
- RPMU was requested to arrange training of personnel from public sector stakeholders regarding implementation of ES&L regime and EE Testing in Accredited Laboratories in China. A study tour is being organized by RPMU in October 2013.

- TWG Feasibility Study Report for enhancement of harmonization for Fans was reviewed, revised and circulated to concerned stakeholders. The report has been electronically communicated to RPMU.

Activity ID: *ES&L Capacity Building Program*

Deliverable Description: As above

Start and End Date: July - September 2013

% Progress to date: In progress

Quality Criteria	Date	Results of Activities		
		User Perspective	Resource Status	Timeliness

Financial

Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
63400	62000	GEF Trustee	Pak-National Execution	3,500	-	3,500
71400	62000	GEF Trustee	Pak-National Execution	2,670	1,711	959
71600	62000	GEF Trustee	Pak-National Execution	600	-	600
72100	62000	GEF Trustee	Pak-National Execution	500	-	500
74200	62000	GEF Trustee	Pak-National Execution	500	-	500

Output III

ID : *ES&L Manufacturer Support Program*

Description:

To put in place manufacturer support program with reference to the six BRESL targeted appliances

Targets 2013:

- Product Technical Analysis and Reports
- Educational Workshops for manufacturers and retailers on impacts of standards / ways to work with standards to increase profitability
- Technical assistance to address marketing/ financial barriers for the manufacturing of equipment and appliances for improving their energy efficiency

Achievements Up to 3rd Quarter 2013:

- Locally manufactured BRESL targeted products surveyed/ tested for provision of data for development of MEPS, and later analysis/ reports.
- A Working Group for Fans, consisting of public and private sector representatives, has been formed and tasked to devise strategy for adoption/ implementation of the regime in fan sector.
- Consultative meetings held with manufacturers/ associations for awareness regarding ES&L Regime.

Activity ID:	<i>ES&L Manufacturers Support</i>
Deliverable Description:	As above
Start and End Date:	July – September 2013
% Progress to date:	In progress

Quality Criteria	Date	Results of Activities		
		User Perspective	Resource Status	Timeliness

Financial

Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
63400	62000	GEF Trustee	Pak-National Execution	3,500	-	3,500
71400	62000	GEF Trustee	Pak-National Execution	3,867	-	3,867
71600	62000	GEF Trustee	Pak-National Execution	900	-	900
72100	62000	GEF Trustee	Pak-National Execution	-	-	-
74200	62000	GEF Trustee	Pak-National Execution	-	-	-

Output IV

ID : *Regional Cooperation Programme*

Description:

Development/ updation of a regional website and sharing of reports

Targets 2013:

- Project web-site maintenance and updating
- Lessons learnt reports (3rd and 4th Quarters)
- Regional Efficiency Standards and Labeling Network (3rd and 4th Quarters)
- Regional ES&L harmonization initiative (2nd and 3rd Quarters)
- Preparation of a Plan for Regional Activities and Coordination after the GEF Funded Project ends (3rd and 4th Quarters)

Achievements Up to 3rd Quarter 2013:

- BRESL Project Pakistan web-site developed and maintained.
- Requisite input provided by BRESL Pakistan to TWG/ RPMU for Regional ES&L harmonization.
- Participated in 5th Regional Project Steering Committee (RPSC) meeting held in Malaysia in April 2013.
- As per recommendations of Annual Technical Working Group (TWG) Meeting held in China in September 2012 and also of RPMU, TWGs Pakistan has been reconstituted. Two new members, one for fans and other for lighting, have been appointed, and are on board.
- Participated in 1st TWG 2013 meeting held in Malaysia in April 2013.
- As per recommendations/ resolutions of above meetings:
 - Feasibility Study Report for fans has been revised and completed through incorporating inputs

from all the participating countries and in-country stakeholders. This revised report was circulated to all the in-country stakeholders for review and comments. The report has been electronically communicated to RPMU for approval/ regional adoption.

- Needed inputs have been provided to TWG Indonesia, lead country for CFLs, for finalization of Feasibility Study Report on CFLs.
- Draft BRESL specifications for EE standards for fans have been developed. After regional approval of above report, these will be finalized in light of inputs from participating countries and submitted to RPMU for approval and regional adoption.
- MEPS for fans and CFLs have been revised to harmonize with the participating countries. These have been discussed with PSQCA and PCSIR in a meeting. After incorporating their suggestions, these have been re-submitted to Technical Committee of PSQCA for adoption/ notification.
- RPMU has established Regional Energy Efficiency Standards & Labeling Network (REESLN) to share resources and information among BRESL participating countries. BRESL Pakistan invited 25 stakeholders for participation in this forum. So far seven have applied for registration.
- BRESL Project Pakistan established information sharing network with Lites.Asia based in China for data collection, R & D on global EE lighting products.
- Plan for regional activities and coordination after the GEF Funded Project ends is being initiated by TWG/ RPMU.

Activity ID: ***ES&L Regional Cooperation***
 Deliverable Description: As above
 Start and End Date: July – September 2013
 % Progress to date: In progress

Quality Criteria	Date	Results of Activities		
		User Perspective	Resource Status	Timeliness

Financial

Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
71600	62000	GEF Trustee	Pak-National Execution	-	-	-
72100	62000	GEF Trustee	Pak-National Execution	-	-	-
72440	62000	GEF Trustee	Pak-National Execution	200	-	200
74200	62000	GEF Trustee	Pak-National Execution	-	-	-

Output V

ID : *ES&L Pilot Project*

Description:

Pilot projects to create awareness among consumers

Targets 2013:

- Development of Consumer Education Schemes

Achievements Up to 3rd Quarter 2013:

- Awareness campaigns on adopted MEPS initiated.
- Awareness campaign regarding introduction of ES&L Regime in the country initiated.
- Vigorous awareness campaign being planned around launching ceremony for labeling procedure.
- Universities/ academia being encouraged through consultative meetings to promote ES&L regime in Pakistan.

Activity ID: *Pilot Project*
Deliverable Description: As above
Start and End Date: July – September 2013
% Progress to date: In progress

Quality Criteria	Date	Results of Activities		
		User Perspective	Resource Status	Timeliness

Financial

Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
74200	62000	GEF Trustee	Pak-National Execution	5,097	-	5,097

Output VI

ID : *Project Management*

Description:

Operational management of project office.

Targets 2013:

- Operation & maintenance of Project Management Office.

Achievements Up to 3rd Quarter 2013:

- Satisfactory functioning of project office.

Activity ID: ***Project Management***
 Deliverable Description: As above
 Start and End Date: July - September 2013
 % Progress to date: In progress

Quality Criteria	Date	Results of Activities		
		User Perspective	Resource Status	Timeliness

Financial

Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
71400	62000	GEF Trustee	Pak-National Execution	2,691	1,804	887
72200	62000	GEF Trustee	Pak-National Execution	400	-	400
72400	62000	GEF Trustee	Pak-National Execution	600	319	281
73100	62000	GEF Trustee	Pak-National Execution	500	-	500
73410	62000	GEF Trustee	Pak-National Execution	1,000	-	1,000
74200	62000	GEF Trustee	Pak-National Execution	187	-	187
74500	62000	GEF Trustee	Pak-National Execution	700	351	349

Lessons Learnt

Lessons Learnt Log attached



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