

## Annual Environmental and Social Monitoring Report (AMR)

**Reporting Period: (01/01/2010) – (31/12/2010)**

**Date of Submission: (15/3/2011)**

**Jordan: Electricity Distribution Company P.S.C.**

*Note: Annual Environmental and Social Monitoring Report (AMR) is to be submitted to International Finance Corporation as part complying with the reporting requirements of the Loan Agreement (IFC Investment Number #26760). If Electricity Distribution Company P.S.C. (the Company) prepares a similar report annually containing the relevant information listed below, such a report can be used to replace or to supplement the AMR.*

### Section I. Summary

#### General Information

**Company Name:** Electricity Distribution Company P.S.C.

**Project Country:** Hashemite Kingdom of Jordan

**Project ID:** IFC Investment Number #26760

**Project:** IFC to provide the loan to finance the Company's acquisition of 55.4% of the common shares of IDECO and capital expenditure to be incurred in the 2009 calendar year.

**Company authorized representative to be contacted by Lenders on the AMR:**

I certify that the data contained in this AMR completely and accurately represents operations during this reporting period.  
Name: Mohammad Tailakh Title: Management Representative for integrated quality, health and safety, environment management system (IQHSEMS) /Head of Safety & Environmental(HSE) Section  
Tel (00962 6 5331330):  
Fax (00962 6 5341213)  
e-mail: mtailakh@edco.jo

Signature:

Date:

#### Summary of Compliance Evaluation

*(Note: Please add any useful supporting information as appropriate.)*

Did the Company undertake its operations in compliance with applicable requirements of the IFC Performance Standards on Social and Environmental Sustainability (April 30, 2006)?

*Yes*

Did the Company undertake its operations in compliance with the applicable environmental, health and safety and social requirements? If no, please summarize the non-compliance status and corrective actions being taken.

*Yes*

#### Major Environmental and Social Achievements / Challenge and Issues of the Company

- Please summarize notable environmental and social achievements of the Company during the reporting year (e.g. awards received, high performance recognized, improved community relationship).
1. EDCO will appoint environmental engineer within the first quarter of the year 2011.
  2. EDCO is establishing an integrated management system including ISO 9001, ISO 14001 and OHSAS 18001 to monitor, measure, and analyze performance of all EDCO processes, programs and employees in relevant to environmental, health & safety, and social issues .  
EDCO tendered authorized company for certification within the first quarter of the year 2011
  3. EDCO Management Representative for IQHSEMS (Head of HSE Section) has awarded IEMA International Certificate for Environmental Management and Assessment an
  4. by which has been admitted as an Associate member of institute of Environmental Management and Assessment UK .
  5. Furthermore, he has been awarded Diploma of "Environmental Impact -

Assessment” –EIA from the Ministry of Environment and Jordan Environment Society

6. EDCO started a recycle program with Jordan Environment Society to recycle the non-hazardous materials such as papers.
7. EDCO Made voluntary contributions and donation in various fields such as charities, societies, and institutions with an overall value of (42501) \$
8. EDCO has adopted a school to support financially in Aqaba.
9. EDCO continued its strategy which aims to strengthen the company's responsibility towards the community through arranging campaigns, visits, and workshops for schools, Civil Defense people and universities students as well as housewives to spread the awareness about dealing with electricity and saving

- Please summarize major environmental and social challenges and issues that the Company faced with during the reporting year (e.g. major incidents, spills, fire, explosion or unplanned releases, ecological damage / destruction, failure of emissions or effluent treatment, legal/administrative notice of violation, penalties, fines, complaints, litigation, protest, negative media attention, chance cultural finds, labor unrest or disputes, local community concerns, corrective actions, rehabilitation / improvement programs).

EDCO faced a number of social challenges and issues during this reporting year:

1. There were ( 2 ) public fatalities caused by electrocution.
2. EDCO had (11) lawsuits.

## Section II. Compliance with Social and Environmental Laws

- Please list (or attach the list of) the updated environmental, health and safety and social laws, regulations, standards, permits, etc. in the Hashemite Kingdom of Jordan that are applicable to the operation of the Company:

The following are the updated List of environmental, health and safety and social Laws, Regulations, and standards in the Hashemite Kingdom of Jordan:

No	Year of Issue	Name of Law, Regulation, and standard
1.	2008	Distribution and Retail Supply License
2.		Directives of Electricity Regulatory Commission
3.	1996	The Jordanian Labor Law
4.	2006	Environmental Protection law
5.	2005	Management, Transportation and Handling of Harmful and Hazardous Substances Regulations
6.	2005	Management of Solid Waste Regulations
7.	2005	Natural Reserves and National Parks Regulations
8.	2005	Regulations for the Protection of the Air
9.	2005	Regulations for the Protection of Water
10.	2005	Protecting the Environment from Pollution in Emergency Situations Regulations
11.	2005	Environmental Impact Assessment Regulations
12.	1988	Protective - Industrial safety helmet (JS 136)
13.	2008	Personal eye - Protection – Specifications (JS 268)
14.	1985	Storage - General precautionary requirements for storage of hazardous materials (JS 431)
15.	1987	Heat - Heat levels allowed to be exposed to in work environment (JS 525)
16.	1998	Motor vehicles - Emissions - Diesel engines (JS 1054)
17.	2006	Environment-Pollutants-Maximum allowable limits of air pollutants emitted from the stationary sources (JS 1189)
18.	1985	Electric current - Effects of electric current - Part one: Effects of electric current passing through human body (JS 413)
19.	1989	Protective - Clothing for limited protection against dangerous liquid chemicals - Resistance to penetration - Test methods (JS 607)
20.	1990	Extinguishing materials – Fire protection - Fire extinguishing media - Carbon dioxide (JS 742)
21.	2006	Water-Reclaimed domestic wastewater (JS 893)
22.	1996	Safety requirements - Safety of machinery - Safety distances (JS 1048)

❑ Was the Company in compliance with the above listed (or attached) laws, regulations, standards, permits, etc. applicable to the operation of the Company during the reporting year?  
**yes**

❑ If non-compliance status was observed during the reporting year, please summarize the status and corrective actions being taken:

**There was non-compliance status in EDCO MV and LV circuits concerning allowed safety clearances. Extensive patrols have been scheduled and conducted to survey EDCO MV and LV circuits to find out such crossing. Continuous monitoring system has been arranged and managed to record different cases and the corrective action. Records have been kept and updated to enhance continuous monitoring.**

**Section III. Compliance with the IFC Performance Standards on Social and Environmental Sustainability**

**Performance Standard 1 – Social and Environmental Assessment and Management System**

❑ Was the Company in compliance with PS 1 including, but not limited to, the requirements for the following areas as described in PS 1?

**The Company’s Evaluation of PS 1 Compliance**  
 (Please add supporting information as appropriate).

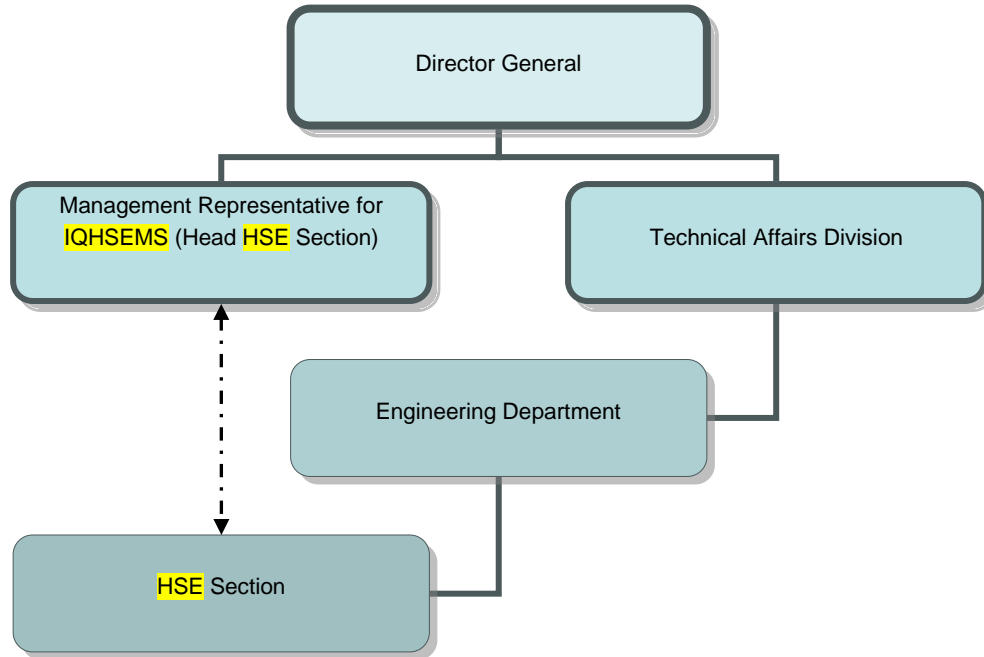
Themes	Excellent	Satisfactory	Partly unsatisfactory	Unsatisfactory	Not Applicable
Social and Environmental Management System			Social and Environmental Management System is established and implemented and internally audited and EDCO has been tendered authorized company for certification		
Social and Environmental Assessment		Such Environmental Tests performed in the manufacture to assess the environmental impacts and the results of some of these impacts had been found In the permitted tolerances and others which is above permitted tolerances impact correction action will be adopted to mitigate theirs			

		effects			
<i>Management Program (including Action Plan)</i>		There are management programs that cover all environmental and social issues on the short term as well as the long one			
<i>Organization</i>		EDCO will develop organizational structure taking into account establishment of a new administrative unit , such as Department which will be include health and safety , environment , and quality sections in the first quarter of 2011 .			
<i>Training</i>		EDCO has implemented training courses for 2010 that covers some of the training needs related to environmental, health & safety, and social issues			
<i>Community Engagement (including Disclosure, Consultation, Grievance Mechanism)</i>		As requirement of quality integrated system EDCO has applied a complaint system for the customers in its different areas. In each area has installed box to receive customers complaints to investigate customers satisfaction by mean of questionnaire forms which will be analyzed to find solutions for			

		<p>problems they face.</p> <p>EDCO continued its strategy which aims to strengthen the company's responsibility towards the community through arranging campaigns, visits, and workshops for Civil defense people, school and university students as well as housewives to spread the awareness about dealing with electricity and saving</p>			
<i>Monitoring</i>			<p>EDCO has established integrated management system including ISO 9001, ISO 14001 and OHSAS 18001 to monitor, measure, and analyze performance of all EDCO processes, programs and employees in relevant to environmental , health &amp; safety, and social issues</p>		
<i>Reporting</i>		<p>EDCO's management representative is responsible for reporting to the top management on the performance of environmental and social management system</p>			

Note: Excellent (Material compliance and the Company raised industry standard), Satisfactory (Material compliance), Partly unsatisfactory (Not in material compliance but corrective action has been identified and the Company has incorporated into the updated Action Plan), Unsatisfactory (Material non-compliance without realistic corrective action).

- Please provide the relevant information as below. Other PS-1 related information has been covered in Section III above.
  - Updated status of the Company's Environmental Management System preparation (e.g. ISO 14001).  
**EDCO started establishing an integrated management system on December 16th, 2009 including ISO 9001, ISO 14001 and OHSAS 18001 to monitor, measure, and analyze performance of all EDCO processes, programs and employees in relevant to environmental, health & safety, and social issues.**
  - Updated organizational chart for the Company's Environmental Management System.



- Summary list of environmental, health and safety and social training programs provided to employee.

Course Name	Firm Name
Preparing a report about evaluating the environment effect & impacts	Jordanian Environment Association
Participating in the report of environment effects & impact	Jordanian Environment Association
Safety & rescue course-anti falling	Bait Jala Foundation/ in Jordan
National Strategy for the safety & security Installation	Development of the forces public safety/ in Jordan
Environment impact of the electromagnetic fields of the non-Ionizing radiation	Jordanian Environment Association
Engineering towards environment - friendly	Amman Private University
IEMA	Egypt

- Updated summary procedure of the reporting of social and environmental performance information to senior management.

EDCO started establishing an integrated management system with a consultant to start a reporting system and appointed a management representative who is responsible for reporting to top management on the performance of the environmental and social management system for review, including recommendations for improvement at planned intervals.

Top management at EDCO will conduct review of the organization's environmental management system, at planned intervals, to ensure its continuing suitability, adequacy and effectiveness. Reviews shall include assessing opportunities for improvement and the need for changes to the environmental management system, including the environmental policy and environmental objectives and targets.

Input to management reviews shall include:

- a) results of internal audits and evaluations of compliance with legal requirements and with other requirements to which the organization subscribes,
- b) communication(s) from external interested parties, including complaints,
- c) the environmental performance of the organization,
- d) the extent to which objectives and targets have been met,
- e) status of corrective and preventive actions,
- f) follow-up actions from previous management reviews,
- g) changing circumstances, including developments in legal and other requirements related to its environmental aspects, and
- h) Recommendations for improvement.

The outputs from management reviews shall include any decisions and actions related to possible changes to environmental policy, objectives, targets and other elements of the environmental management system, consistent with the commitment to continual improvement.

- *Please provide resources allocated by the Company during the reporting year for environmental and social management using the tables below.*

***Social and Environmental Management Investment by the Company during the Reporting Year (US\$ million equivalent)***

	Investment made (Actual) (US\$ million)	Operating cost incurred (Actual) (US\$ million)
Total Investment / Cost	1.174160	0.14782181
Investment / Cost relevant to environmental / social management (pollution prevention and control, environmental and social enhancement measures, environmental and social mitigation measures, compensation, training, etc.)	Safety equipments , tools and Personal safety equipments = 0.376977	Training = 0.00338028
	replacement of dangerous networks = 0.797183	Right of way reimbursement = <b>0.10194012</b>
		voluntary contributions and donation in various fields such as charities, societies, and institutions with an overall value of 0.04250141 \$;

- **EDCO participate in the National Plan (NIP) for Stockholm Convention on persistent organic pollutant under project implemented with Global Environment Facility (GEF) and funded by United Nations Environment Program (UNEP) The target of this project relating to EDCO is the disposal of electrical equipment which surely contain PCBs such as transformers, capacitors and other equipment. EDCO had participated of (300.000)\$ as in-cash co-financing and (400.000)\$ as in-kind co-financing .**
- **According to the EDCO strategy to improve the working environment in the manufacture, BOD has been approved the following projects which will be cost (281690)\$ :**
  - 1) **Replacement the asbestos cladding of one of our main workshops by suitable steel cladding.**
  - 2) **Install Ducts & Fans to improve the ventilation in the a/m workshop.**
  - 3) **Rehabilitation of the drainage channels.**
  - 4) **Rehabilitation of the internal road network in our site .**

**Number of Employees Engaged in Environmental and Social Management**

(Note: Please report with relevant breakdown such as permanent, probationary and contractual employees as appropriate.)

	Male	Female	Total
Total employees of the Company	1135	71	1206
Employees engaged in environmental / social management	9	0	9

**Performance Standard 2: Labor and Working Condition**

Was the Company in compliance with PS 2 including, but not limited to, the requirements for the following areas as described in PS 2?

**The Company's Evaluation of PS 2 Compliance**

(Please add supporting information as appropriate).

Themes	Excellent	Satisfactory	Partly unsatisfactory	Unsatisfactory	Not Applicable
Human Resource Policy and Management		✓			
Workers' Organization		✓			
Non-Discrimination and Equal Opportunity		✓			
Retrenchment					✓
Occupational Health and Safety		✓			
Non-Employee Workers			✓		

Note: Excellent (Material compliance and the Company raised industry standard), Satisfactory (Material compliance), Partly unsatisfactory (Not in material compliance but corrective action has been identified and the Company has incorporated into the updated Action Plan), Unsatisfactory (Material non-compliance without realistic corrective action).

Please provide the relevant information as below:

- Updated list of human resources policies / collective bargaining agreements.

In accordance with the administrative organization of the company, the Human Resources (HR) Department is one of the departments that follow the administrative activity in the company, this department contains three sections (Administrative Development Section, Administrative Development and Training Section, Human Resources Section), with the following tasks:

1. Preparation and implementation of plans and annual work programs on the workforce and management development and training.
2. Complying with the Jordanian Labor Law.
3. To cover all employees by health, social and life insurance.
4. Establishing, maintaining and improving the worker-management relationship.
5. Promoting fair treatment, non-discrimination and equal opportunity of workers.
6. Protecting the workforce by not employing children and forced labor.
7. Promoting safe and healthy working conditions, and the health of workers

- Number of complaints, if any, that the Company handled through grievance mechanism, and summary of those complaints particularly with respect to issues of labor union membership, non-discrimination, involuntary retrenchment, and occupational health and safety.

**NO complaints**

- Number of formal complaints, if any, that the Company received through national regulatory agency/courts, and summary of those complaints.

**EDCO faced (11) Lawsuits from 1/1/2010 - 31/12/ 2010 as following:**

Subject of Lawsuit	# of Lawsuits
Electric shock	9
Labour	-
Right off way complaints/electrical poles	2

- Updated percentage of employees represented by independent trade union organization or covered by collective



bargaining agreements.

79.7% of the company employees are represented by independent trade union organization.

- Summary results of a labor audit if conducted during the reporting year

**There was no labour audit conducted at EDCO during 2010.**

- Summary results of any involuntary retrenchment and retrenchment plan if undertaken.

There is no any involuntary retrenchment, nevertheless, there is a retrenchment plan that stimulates the employees by offering a six-months salary in advance when retiring.

- Retired and terminated (laid-off) workers for the reporting year by gender:

**Retired and Terminated Workers**

	Total number of employees at the beginning of the Reporting Year (A)	Employees retired (B)	Employees terminated (laid-off) (C)	Employees recruited (D)	Total number of employees at the ending of the Reporting Year (E) = A-B-C+D
Male	1087	6	41	95	1135
Female	69	-	3	5	71
Total	1156	6	44	100	1206

Note: (B) is for retirement due to mandatory retirement age or voluntary departure, whereas (C) is involuntary separation. Reporting Year is the same as the one for the AMR.

Please provide occupational health and safety performance of the Company using the table below.

**Occupational Health and Safety Performance of the Company**

No.	Occupational Health and Safety Incidents	Number of Incidents	Occupational Health and Safety Incident Details
1	<u>Fatalities</u>	3	1. Date(s) of fatality: 12/7/2010 29/9/2010 13/12/2010  2. Cause of fatality: ELECTRICUTION 3. Corrective or preventive measures to prevent reoccurrence: -Binding the workers to follow the safety rules in work and to use the PPE -Increasing number of Safety officers
2	<u>Total Lost Time Accidents (including vehicular)</u>	104	1. Date(s) of lost time accidents: * 2. Cause(s) of lost time accident(s): * 3. Corrective or preventive measures to prevent reoccurrence: * * see attached table(attachment no.(1))
3	<u>Total Number of Lost Workdays resulting from incidents.</u>		1. Total lost workdays this reporting year: 26660 for accidents Total lost workdays last reporting year: 2016 for accidents *(Data for incidents are not available)
4	<u>Total Man-hours Worked (total hours worked by all employees) during the reporting period and Incidence calculation.</u>		1. Total man-hours worked this reporting year: = 2713500 2. Total man-hours worked last reporting year: =2601000 Incidence = total lost workdays/total man-hours worked 3. Incidence this reporting year: 0.0098249 4. Incidence last reporting year: 0.000775

			5. Incidence next to last reporting year: 0.0008442
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**Performance Standard 3: Pollution Prevention and Abatement**

Was the Company in compliance with PS 3 including, but not limited to, the requirements for the following areas as described in PS 3?

**The Company's Evaluation of PS 3 Compliance**  
(Please add supporting information as appropriate).

Themes	Excellent	Satisfactory	Partly unsatisfactory	Unsatisfactory	Not Applicable
Pollution Prevention, Resource conservation and Energy Efficiency		<p>Environmental tests were carried by authorized utilities (JSS and OSHI) to measure the pollution levels in the manufacture &amp; the results proved to be within allowable range for some tests.</p> <p>For other tests which were found above the allowable levels correction actions will be done such as installation of ventilation system to improved the ventilation in the main workshop and replacement of some materials with others lower levels of</p>	<p>A project for reducing losses is applicable for EDCO network, and an energy efficiency project is started</p>		

		pollutant emissions			
<i>Wastes</i>	For non-hazardous: material EDCO starts a recycle program in cooperation with Jordan Environment Society to recycle the papers, plastic and others.				
<i>Hazardous Materials</i>		EDCO has prepared a documented procedure to dispose hazardous material in environmentally way such as removal of asbestos by replacement the asbestos cladding of one of our main workshops by suitable steel cladding, also there is a work instruction related to oil and SF <sub>6</sub> gas			
<i>Emergency Preparedness and Response</i>			EDCO emergency plan includes:  -Maintenance work on EDCO's electrical system in case of bad weather conditions and natural disasters to ensure that electricity supply won't be interrupted to the customers and to eliminate or minimize the hazards that the network may cause to the public.		

			- A plan for Evacuation from EDCO's areas in case of fires and natural disasters will be prepared in the first quarter 2011 in the process of implementing the OHSAS18001, each area will have its own Emergency Preparedness and response plan under the supervision of Civil Defense. Also a practice of Emergency evacuation had done for each area with the help of the Civil Defense. EDCO building construction is well qualified for emergency cases and equipped with fire extinguishers.		
<i>Technical Performance Levels (Compliance with host country regulation and relevant requirements of IFC EHS Guidelines (*))</i>		EDCO complies with regulations			
<i>Ambient Considerations</i>		EDCO takes Ambient into its consideration			
<i>Greenhouse Gas Emissions</i>		EDCO comply with Jordan commitment to minimize and prevent any greenhouse gas emissions and had established a documents for SF6 handling procedures			
<i>Pesticide Use and Management</i>					✓

*Note: Excellent (Material compliance and the Company raised industry standard), Satisfactory (Material compliance), Partly unsatisfactory (Not in material compliance but corrective action has been identified and the Company has incorporated into the updated Action Plan), Unsatisfactory (Material non-compliance without realistic corrective action).*

*(\*) IFC / World Bank Group, Environmental, Health, and Safety General Guidelines, April 30, 2007*

□ Please provide the relevant information as below:

- Major resource conservation and energy efficiency measures that the Company incorporated into operation during the reporting year.

EDCO has a project for reducing losses the network, and an energy efficiency project is started but still needs directives to be agreed from ERC

- Summary quantities of both hazardous and non-hazardous waste generation, recovery and reuse, treatment / destruction / disposal, and summarize how the Company is working towards improvement.

**Summary of Waste Management by the Company**

Type of Wastes		Generation (kg / year)	Recovery and Reuse (kg / year)	Treatment / Destruction / Disposal (kg / year)	Recycling Rate (%)
Non-hazardous wastes		A	B	C = A - B	D = B / A (%)
	Item				
	Item				
	Item				
Hazardous wastes	Item				
	Item				
	Item				

**Performance Standard 4: Community Health, Safety and Security**

- Was the Company in compliance with PS 4 including, but not limited to, the requirements for the following areas as described in PS 4?

**The Company's Evaluation of PS 4 Compliance**  
(Please add supporting information as appropriate).

Themes	Excellent	Satisfactory	Partly unsatisfactory	Unsatisfactory	Not Applicable
Community Health and Safety		EDCO has Taken this into consideration during and after performing activities. New procedure has been adopted including surveying EDCO's distribution network in order to identify any locations which could affect			

		community safety (such as safety clearances for substations and lines) and a plan for correction action is being done.			
<i>Emergency Preparedness and Response</i>		EDCO had prepared Emergency Preparedness and Response for 2010/2011 year			
<i>Security Personnel Requirements</i>		EDCO contracts with official security company			

*Note: Excellent (Material compliance and the Company raised industry standard), Satisfactory (Material compliance or on schedule in the agreed ESAP), Partly unsatisfactory (Not in material compliance but corrective action has been identified and the Company has incorporated into the revised ESAP), Unsatisfactory (Material non-compliance without realistic corrective action).*

- Please provide the relevant information as below:
  - Number and nature of incidents / fatalities involving general public if any.

There are (2) fatalities caused by Electrocutation

#### **Performance Standard 5: Land Acquisition and Involuntary Resettlement**

- If the Company's activities involved areas related to PS5, please provide compliance evaluation of PS5.  
Right of way reimbursement equals 72377.484 JD (101940 \$) during 2010

#### **Performance Standard 6: Biodiversity Conservation and Sustainable Natural Resource Management**

- If the Company's activities involved areas related to PS6, please provide compliance evaluation of PS6.  
Only tree trimming operations with approval from Ministry of Agriculture and forest department.

#### **Performance Standard 7: Indigenous Peoples**

- If the Company's activities involved areas related to PS7, please provide compliance evaluation of PS7  
EDCOs' activities do not affect indigenous people.

#### **Performance Standard 8: Cultural Heritage**

- If the Company's activities involved areas related to PS8, please provide compliance evaluation of PS8.  
EDCO does not affect on cultural heritage when performing its activities although it serve such places

**Section IV. Implementation Status of the Environmental and Social Action Plan (Schedule 8, April 1, 200....)**

□ Please provide the summary of the implementation status.

No	Action	Verified by:	Schedule	Actual Status
PS1-1	Establish dedicated environmental management structure including appointment of Environmental Engineer	<ul style="list-style-type: none"> <li>Organizational structure of Borrower and EDCO, including the names of their Environmental Heads</li> </ul>	Prior to IFC loan disbursement	EDCO will appoint an environmental engineer within the first quarter of the year 2011.
PS1-2	Receive advice on EHS areas from the international consultant who is being hired by Sponsor to provide technical and regulatory support including on compliance with World Bank Group EHS Guidelines <sup>1</sup> and international best practice.	<ul style="list-style-type: none"> <li>Terms of Reference (TOR) or / Scope of Work (SOW) for the international consultant being hired by Sponsor; and</li> <li>CVs of the consultant hired.</li> </ul>	Within 1 year of first Disbursement	EDCO had already prepared TOR and established and implemented an integrated management system including ISO 9001, ISO 14001 and OHSAS 18001 to monitor, measure, and analyze performance of all EDCO processes, programs and employees including environmental, health & safety, and social issues. EDCO had tendered certification company to grant EDCO certificates for above mention systems..
PS1-3	Commission and publish annual environmental and safety reports at Sponsor's website	<ul style="list-style-type: none"> <li>The links of the websites.</li> </ul>	From 2009 and onward	The AMR report of year 2010 , EDCO will publish the report on its site after submission.
PS2-1	Review safety clearances in substations and line clearances where MV and LV circuits cross and correct non-safe situations (occupational safety)	<ul style="list-style-type: none"> <li>Review report</li> <li>Corrective actions</li> </ul>	Review report within 1 year of first Disbursement. Corrective action within 2 years of first Disbursement.	EDCO is complying with ERC instructions for clearances. Extensive patrols have been scheduled and conducted to survey EDCO's network to find out such crossing.  Continuous monitoring system has been arranged and managed to record different cases and the corrective action. Records have been kept and updated to enhance continuous monitoring
PS2-2	Install warning signs of Halon release at indoor substations	<ul style="list-style-type: none"> <li>Summary report of installment completion</li> </ul>	Within 1 year of first Disbursement	EDCO does not use Halon gas release at indoor substation. So no warning signs are needed. EDCO uses only CO2, powder and foam extinguisher in its indoor substations.
PS3-1	Establish PCB Screening Procedure	<ul style="list-style-type: none"> <li>PCB Screening Procedure</li> </ul>	Within 3 year of first Disbursement	EDCO participate in the National Plan (NIP) for Stockholm Convention on persistent organic pollutant under project implemented with Global

<sup>1</sup> (i) Environmental, Health, and Safety General Guidelines, IFC and World Bank Group, April 30, 2007 and (ii) Environmental, Health, and Safety Guidelines for Electric Power Transmission and Distribution, IFC and World Bank Group, April 30, 2007

				Environment Facility (GEF) and funded by United Nations Environment Program (UNEP) The target of this project relating to EDCO is the disposal of electrical equipment which surely contain PCBs such as transformers, capacitors and other equipment. EDCO had participated of (300.000)\$ as in-cash co-financing and (400.000)\$ as in-kind co-financing .Regarding a PCB screening procedure, EDCO had modified its procurement regulations, and added 2 items no.(13,14) as not to buy/procure any material that is not compliant with the Jordanian environmental law. <sup>2</sup>
PS3-2	Establish Halon extinguisher phase-out strategy	<ul style="list-style-type: none"> <li>• Halon extinguisher phase-out strategy</li> </ul>	Within 1 year of first Disbursement	EDCO does not have Halon extinguisher in its offices and substations.
PS3-3	Audit existing procurement policies related to EHS aspects (such as banning / phasing out of hazardous materials) and update them in accordance with international best practices.	<ul style="list-style-type: none"> <li>• Audit report</li> <li>• Updated procurement policies</li> </ul>	Within 1 year of first Disbursement	EDCO had modified its warehouse management and added one item related to contractor which wants to buy scrap material, that he must have a license from Ministry of Environment to deal with hazardous materials. Directives and training will be offered to stores employees and other employees involved enhancing their awareness of handling environmentally hazardous materials to assure compliance with ISO 14001 and IFC EHS performance standards.
PS3-4	Establish Waste Management Plan (both hazardous and non-hazardous)	<ul style="list-style-type: none"> <li>• Waste Management Plans</li> </ul>	Within 1 year of first Disbursement	For hazardous material: A management plan for hazardous materials is under process within establishing integrated management system ISO 14001. For non-hazardous material EDCO starts a recycle program with Jordan Environment Society to recycle the papers, plastic and others. EDCO has prepared a documented procedure to dispose hazardous material in environmentally way, such as removal of asbestos also there is a work instruction related to oil and SF <sub>6</sub> gas
PS3-5	Update and maintain Emergency Preparedness and Response Plan	<ul style="list-style-type: none"> <li>• Summary of updated Emergency Preparedness and Response Plan</li> </ul>	To be included in Annual Monitoring Reports to IFC	EDCO emergency plan includes: 1. Maintenance work on EDCO's electrical system in case of bad weather conditions and natural disasters to ensure that electricity supply won't be interrupted to the customers and to eliminate or



				<p>minimize the hazards that the network may cause to the public.</p> <p>2. A plan for Evacuation from EDCO's areas in case of fires and natural disasters has been prepared in 2010 in the process of implementing the OHSAS18001, each area had its own Emergency Preparedness and response plan which was implemented under the supervision of Civil Defense. Also a practice of Emergency evacuation had done for each area with the help of the Civil Defense.</p> <p>EDCO building construction is well qualified for emergency cases and equipped with fire extinguishers.</p>
PS4-1	Review of compliance status with ERC safety clearance requirement between electrical lines and land / buildings (general public safety)	<ul style="list-style-type: none"> <li>Review report</li> </ul>	Within 1 year of first Disbursement	<p>EDCO is complying with ERC instructions for clearances. Extensive patrols have been scheduled and conducted to survey EDCO's network to find out such crossing.</p> <p>Continuous monitoring system has been arranged and managed to record different cases and the corrective action. Records have been kept and updated to enhance continuous monitoring</p>

<sup>2</sup> The Articles in EDCO supplies and work manual:

- Article (13) It is prohibited to purchase any material subject to an international ban or phasing out because of the high toxicity of the organisms, or the possibility of bioaccumulation, or the potential for depletion of the ozone layer, for example, and not limited to; asbestos, PCBs. Alternatives that are less dangerous or that are authorized must be considered.
- Article (14) In the case of the company's use of authorized materials that have an impact on the environment, the company shall commit to the purchase of and provision for the handling and necessary prevention means in accordance with the requirements of the laws in force.