

**INTEGRATED SAFEGUARDS DATA SHEET
CONCEPT STAGE**

Report No.: AC1060

Date ISDS Prepared/Updated: October 4, 2004

I. BASIC INFORMATION

A. Basic Project Data

Country: Egypt, Arab Republic of	Project ID: P091945
Project Name: EG-EL TEBBIN POWER	Task Team Leader: Anna Bjerde
Estimated Appraisal Date: July, 2005	Estimated Board Date: September 18 , 2005
Managing Unit: MNSIF	Lending Instrument: Specific Investment Loan
Sector: Power (100%)	Theme: Infrastructure services for private sector development (P); Analysis of economic growth (S)
Safeguard Policies Specialists in the task team: Hany Shalaby (Env); Knut Opsal (Social)	
Loan/Credit amount (\$m.): IBRD: US\$ 250 million	
Other financing amounts by source: Local Contribution \$100 million	

B. Project Objectives [from section 2 of PCN]

The project development objective is to assist the Government in reaching its goal of providing the country with energy supply, at least cost and in a sustainable manner, through investment in new generation capacity and support for improved sector performance.

C. Project Description [from section 3 of PCN]

The proposed project is a 650 MW power plant comprising of two 325 MW steam turbines using natural gas as the main fuel and fuel oil as the back-up fuel. The total project costs have been estimated at about US\$350 million, of which the Bank has been requested to finance US\$250 million. The plant would be built on an existing site that covers an area of 100,000 m², 200 meters from the Nile River. The existing plant comprises of three 15 MW steam units operating on mazout and two 23 MW gas turbine units operating on natural gas. The units date back to 1958 and 1979, respectively and the existing plant is expected to be decommissioned, and the site will be cleaned and prepared for the proposed project. A decommissioning plan will be prepared and will determine how assets will be disposed. Preparations of the proposed project are quite well advanced. A draft feasibility study has been prepared on which the Bank has provided

detailed comments, a preliminary environmental assessment has been drafted as have comprehensive terms of reference (TORs) for a full blown environmental and social impact assessment. As stated above, land is available, the gas pipeline already reaches the site, and power can be evacuated to the transmission network. However, upgrading of the gas pipeline and the transmission network will be required to accommodate the larger power production plant. Make up and cooling water for the plant will be drawn from the Nile.

The preliminary project components are: (i) demolition of existing plant and site preparation works to accommodate the new power plant, including the decommissioning of the existing plant and removal from site of existing equipment and debris resulting from demolishing of existing buildings; (ii) engineering services to include design, procurement and construction management services; (iii) environmental monitoring equipment; (iv) water intake and discharge structure to include pump house building, pumps and mechanical and electrical equipment; (v) new power plant (power house) to include 2 X 325 MW steam turbines, 2 steam generators and auxiliary boiler, 2 transformers and auxiliary transformer, water treatment plant, stack, instruments and panel controls, switchgear, civil works, critical piping, mechanical and electrical equipment, switchyard, yard tanks; and (vi) interconnection to the national power grid. In addition, a technical assistance component is envisaged that will aim at improved sector performance.

D. Project location (if known)

The project location is at the site of the existing El-Tebbin power plant about 40 km south of Cairo. The site is situated on about 100,000 m² wedge-shaped piece of land located in a high density industrial and residential area. On the west side of the site is a 4-lane highway and across this highway is the River Nile.

E. Borrower’s Institutional Capacity for Safeguard Policies [from PCN]

The Borrower has been financing power projects with international financing institutions for several years and is thus quite experienced with the Bank’s safeguard polices. In addition, Egypt has itself strict environmental regulations on EIAs in conjunction with large infrastructure projects and each EIA undertaken needs formal approval by the Egyptian Environmental Affairs Agency (EEAA).

II. SAFEGUARD POLICIES THAT MIGHT APPLY

Applicable?	Safeguard Policy If Applicable, How Might It Apply?
[X]	Environmental Assessment (OP/BP 4.01)
[]	Natural Habitats (OP/BP 4.04)
[]	Pest Management (OP 4.09)
[TBD]	Involuntary Resettlement (OP/BP 4.12)

<input type="checkbox"/>	Indigenous Peoples (OD 4.20)
<input type="checkbox"/>	Forests (OP/BP 4.36)
<input type="checkbox"/>	Safety of Dams (OP/BP 4.37)
<input type="checkbox"/>	Cultural Property (draft OP 4.11 - OPN 11.03)
<input type="checkbox"/>	Projects in Disputed Areas (OP/BP/GP 7.60)*
<input type="checkbox"/>	Projects on International Waterways (OP/BP/GP 7.50)

Environmental Assessment Category:

A B C FI TBD (to be determined)

III. SAFEGUARD PREPARATION PLAN

- A. Target date for the Quality Enhancement Review (QER), at which time the PAD-stage ISDS would be prepared.
June, 2005
- B. For simple projects that will not require a QER, the target date for preparing the PAD-stage ISDS
- C. Time frame for launching and completing the safeguard-related studies that may be needed. The specific studies and their timing¹ should be specified in the PAD-stage ISDS. The EIA TORs are currently under review by the Bank. An independent EIA firm will be hired by the implementing agency within 3 weeks or so. The EIA is expected to be completed in June, 2005.

IV. APPROVALS

<i>Signed and submitted by:</i>		
Task Team Leader:	Anna Bjerde	Date
<i>Approved by:</i>		
Regional Safeguards Coordinator:	Name	Date
Comments		
Sector Manager:	Name	Date
Comments		

* By supporting the proposed project, the Bank does not intend to prejudice the final determination of the parties' claims on the disputed areas

¹ Reminder: The Bank's Disclosure Policy requires that safeguard-related documents be disclosed before appraisal (i) at the InfoShop and (ii) in-country, at publicly accessible locations and in a form and language that are accessible to potentially affected persons.

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