

| DEVELOPMENT PROJECTS | | | | |
|-------------------------------|---|----------------------------------|---|---|
| Country: | The Hashemite Kingdom of Jordan | | | <input checked="" type="checkbox"/> Non-LDMC <input type="checkbox"/> LDMC |
| Project: | Supporting the Electricity Transmission System | | | Code: BED No. 247 |
| Sector: | Main Sector – Public Utility | | Sub-Sector: Electricity Generation, Distribution and Transmission | |
| | Public <input checked="" type="checkbox"/> | Private <input type="checkbox"/> | | |
| Total Cost: | Euro/Mn: 53.54 | Local: Euro/Mn: 9.31 | Foreign: Euro/Mn: 44.23 | |
| Financing Plan | IDB (Proposed Leasing Operation) | | Total (Euro/mn) 38.94 | |
| | IDB (Loan Operation) | | 7.00 | |
| | The Beneficiary (NEPCO) | | 7.60 | |
| Beneficiary: | National Electric Power Company NEPCO with a Sovereign Guarantee from the Government of Jordan | | | |
| Executing Agency | National Electric Power Company NEPCO | | | |
| Project Objectives/Rationale: | The project aims at helping in satisfying the increasing demand for electricity, and increasing the reliability of the unified power system in Jordan through supporting the power transmission system. This will be achieved by installing new substations at the center of Amman City, and South Madaba City, as well as the installation of new transmission line between Al Salt and Al Sweima Substations. | | | |
| Project Scope: | The scope of the project consists the procurement, erection and commissioning of the following components (i) 132/33 KV City Center Substation (ii) 132/33 KV South Madaba Substation (iii) 132 KV Al Swaima – Al Salt Transmission Line and (iv) Consultancy Services. | | | |
| Project Justification: | The project is urgently needed to meet Jordan's growing demand for electricity. The average yearly increase in demand is estimated at 4.66% during (2007-2030), and is expected to reach 3950 MW in 2030. The Financial Internal Rate of Return (FIRR) for the City Center Substation, Madaba Substation and Al Swaima Al Salt Transmission Line were calculated at 13%, 32% and 14% respectively. | | | |
| IDB Financing (Total): | Euro/Mn 45.94 | | ID/Mn 41.07 | |
| Mode of Financing | Combination of Leasing and Loan Financing. | | | |
| IDB Components: | a) The Leasing Operation will cover the cost of procurement of the City Center Substation, the underground cables for connecting the substation to the grid, South Madaba Substation, and the towers of the transmission line. b) The Loan Operation will cover the cost of the civil works related to the City Center Substation, and part of the civil works for its connection to the grid, in addition to the conductors of the transmission line between Al Salt and Al Swaima Substations. | | | |
| Guarantors: | The Hashemite Kingdom of Jordan | | | |
| | (√) | (√) | (√) | |
| Implementation Period: | Starting Year 2008 | | | Ending year 2010 |