



Project Title: Generating electricity from the gravity

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|---------------------|--|
| Sector | Supplying electricity, gas, hot water and steam (40) |
| Sub Sector | Electricity generation, collection and distribution (10) |
| Products / Services | Electricity generation |
| location | Tabriz 2 industrial estate, East Azarbaijan Province |
| Project description | Land area: 2,500 m ² Building area: 1,450 m ² Facilities' cost: 2,943 million Rials A brief description of production process: A machine with dimension of 3× 4× 2 meter and its necessary parts such as specific gear wheels are designed and made. This machine can generate 20 MW of electricity power from the gravity. |
| Annual capacity | The nominal capacity for electricity generation is 340 MW and its actual capacity is 306 MW per year. |

Local/ internal raw material access: 100%

Sale:

- Anticipated local market: 100%
- Anticipated export market: 0%

Construction Period: 2 years

Project Status:

- Feasibility study available? No
- Required land provided? No
- Legal permissions (establishment license, foreign currency quota, environment, etc) taken? No
- Partnership agreement concluded with local/foreign investor? No
- Financing agreement concluded? No
- Agreement with local / foreign contractor(s) concluded? No
- Infrastructural utilities (electricity, water supply, telecommunication, fuel, road, etc) procured? Yes
- List of know-how, machinery, equipment, as well as seller / builder companies defined? Yes
- Purchase agreement for machinery, equipment and know- how concluded? No

| Descriptions | Local Currency Required | | | Foreign Currency Required (Million Euro) | Total Million Euro |
|--|-------------------------|--------|----------------------------|--|--------------------|
| | Million Rial | Rate | Equivalent in Million Euro | | |
| Fix Capital | 274,995 | 50,700 | 5.424 | 0.00 | 5.424 |
| Working Capital | 7,223 | 50,700 | 0.142 | 0.00 | 0.142 |
| Total Investment | 282,218 | 50,700 | 5.566 | 0.00 | 5.566 |
| <ul style="list-style-type: none">• Value of foreign equipment / machinery: - Million Euro• Value of local equipment / machinery: 0.59 Million Euro• Value of foreign technical know-how: - Million Euro• Value of local technical know-how: 3.92 Million Euro• Net present value (NPV): 5.37 million Euro in 10 years of launching• Internal Rate of Return (IRR): 48.76%• Payback Period: 2.45 years from the beginning of launching time• Minimum rate of expected return: 30% | | | | | |

Project Type: ☒ Establishment ☐ Expansion and completion

Local Entrepreneur: ☒ Private sector ☐ Public sector

Company Profile

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