



**Project Title: The construction of Solar energy plant in a capacity of 10 MW**

Sector	Infrastructure
Sub Sector	Electricity generation
Products / Services	Electricity generation by solar power
location	A piece of land leased from natural resources organization, Heris, East Azarbaijan
Project description	Land area: 200,000 m <sup>2</sup> Building area: 400 m <sup>2</sup> Installation: 20,352 Million Rials A summary of the production process: In this method by using solar cells, electricity is directly produced through sun radiation energy
Annual capacity	The nominal capacity of solar power plant is 39,600 MW annually and its practical capacity is 27,324 MW annually.

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? Yes
- Legal permissions (establishment license, foreign currency quota, environment, etc) taken? Yes
- 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		
Fixed Capital	90,553	35,659	2.54	14.00	16.54
Working Capital	2,872	35,659	0.08	0.00	0.08
Total Investment	93,425	-	2.62	14.00	16.62
<ul style="list-style-type: none"><li>• Value of foreign equipment / machinery: 14 Million Euro</li><li>• Value of local equipment / machinery: - Million Euro</li><li>• Value of foreign technical know-how: - Million Euro</li><li>• Value of local technical know-how: - Million Euro</li><li>• Net present value (NPV): 1.86 Million Euro for 20 years of lunching time</li><li>• Internal Rate of Return (IRR): 17.23%</li><li>• Payback Period: 5.60 years from the beginning of exploration period</li><li>• Minimum rate of expected return: 15%</li></ul>					

**Project Type:** ☒ Establishment ☐ Development and completion

**Local Entrepreneur:** ☒ Private sector ☐ Public sector

**Company Profile**

**Name (legal /real person):**

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