

Project Profile – Summary Sheet

Project Introduction

1. Project title: Small-Scale 10 MW CHP Power Plant

2. Sector: Industry
Sub-sector: Energy

3. Products/Services: Power (Electricity and Heat)

4. Location: Free zone
Economic special zone
Industrial estate
Main land

5. Project description:

Given the high cost of investing in the construction of a power plant and electricity transmission network, as well as high losses of power in the path of its transfer to the consumer, and the Ministry of Energy's policies for supplying electricity is part of its need for distributed power plants, namely electricity in Consumer site. A model for these plants is the CHP plant which is also used to generate electricity from its heat, with an efficiency of over 90%. There is a five-year contract for a guaranteed purchase from the Electricity Authority 10 years of free fuel 5 years is exempt from taxes guaranteed payment from the Ministry of Economy and Finance.

6. Annual capacity: 82344000 kwh Electricity
8866955 kwh/j Heat

Project Status

7. Local/internal raw material access: 100%

8. Sale:
- Anticipated export market: 200%

9. Construction period: 1 year

10. Project status:

- Feasibility study available? **Yes**
- Required land provided? **No**
- 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, etc) procured? **No**
- List of know-how, machinery, equipment, as well as seller/builder companies defined? **Yes**
- Purchase agreement for machinery, equipment and know-how concluded? **Yes**



Financial Structure

11. Financial Table

Description	Local Currency Required			Foreign Currency Required Million Euro	Total Million Euro
	Million Rials	Rate	Equivalent in Million Euro		
Fixed Capital	27000	47200	5720		
Working Capital	500	47200	105		
Total Investment	27500	47200	5825		

- Value of foreign equipment/machinery **4750** million Euro
- Value of local equipment/machinery - million Euro
- Value of foreign technical know-how **0.15** million Euro
- Value of local technical know-how **0.1** million Euro

- Net Present Value (NPV): **5720** million Euro
- Internal Rate of Return (IRR): **31** %
- Payback Period (PP): **2.75** years

General Information

12. Project Type: Establishment
Expansion and completion

13. Company Profile

- Name (legal/natural persons): Tahereh Salehi
- Company name: Banian Energy Novin Andish (BENA)
- Address: No. 20, Zanjan Shomali St, Satarkhan Ave, Tehran, Iran
- Tel: +98 912 406 9919
- Fax:
- E-mail:
- Website:

- Local entrepreneur: Private sector
Public sector
Other