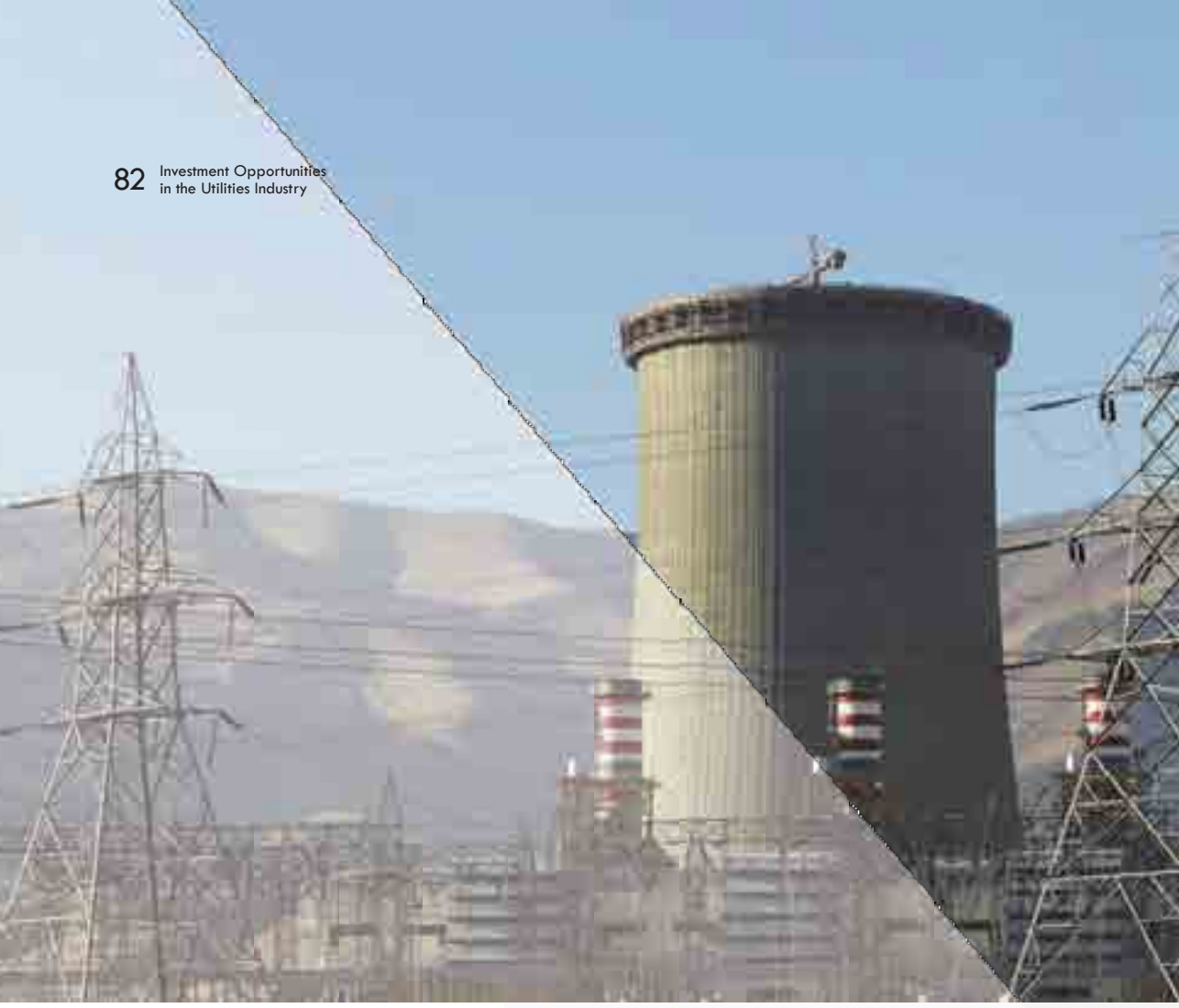


Power Industry Projects

Row	Name of Project
1	TREC Power transmissions and sub transmission lines and substations
2	Power plants increase efficiency (Via buyback and repowering method)
3	High efficiency combined cycle power plants development
4	Development of Small Scale DG & CHP
5	Renewable energy
SUM	

Number	Amount (USD Billion)
396 Substations & 450 KM , High voltage Cable	3.13
13356 MW	9.261
5936 MW	3.8
3000 MW	2
3000 MW	5.78
	23.97

1- Power Transmission and sub–Transmission substations

Name of Project	Set	Credit (US$ Billion)
400 KV Substations	35	1.3
230 KV Substations	49	
132 KV Substations	85	1.4
63 KV Substations	227	
Tehran City (63 KV cable)	450 KM	0.5
Sum		~ 3.13

	Project name	Quantity
1	Buying equipment for Transmission Substations (Under the Supervision of the IPDC)	84 Substations

* www.IPDC.ir

1.1- 400 KV Sub-station Projects for Investment

	Target Regional Power Company	Ratio(KV)	Quantity * Capacity (MVA)
1	Azarbaijan(6), Zanjan(2), Gharb(2), Fars(2), Kerman(2), Mazandran(2)	400/230	16* 315
2	Tehran(4)	400/230	4 * 500
3	Tehran(2)	400/230	2 * 200
4	Azarbayjan(2), Khorasan(10), Khuzestan(12), Fars(2), Kerman(4), Hormozgan(2)	400/132	32 * 200
5	Fars(5)	400/66	10 * 200
6	Tehran(2), Mazandaran(2), Yazd(2), Bakhtar(2)	400/63	8 * 200

1.2 - 230 KV Sub-station Projects for Investment

	Target Regional Power Company	Ratio(KV)	Quantity * Capacity (MVA)
1	Azarbaijan(6), Kerman(2)	230/132	8 * 160
2	Fars(14)	230/66	14 * 160
	Fars(2), Sistan& Baluchestan(4),	230/20	6 * 50
3	Tehran(2)	230/63	2 * 250
4	Tehran(8), Mazandaran(4)	230/63	12 * 180
5	Bakhtar(6), Tehran(2), Zanjan(2), Gharb(2), Gilan(2), Hormozgan(14), Yazd(2)	230/63	30 * 160
6	Tehran(2), Sistan& Baluchestan(16), Gilan(4)	230/63	24 * 125
	Khuzestan(2)	230/33	2 * 50

	Project name	Quantity
2	Investment in buying equipment of the Sub Transmission Substations And Sub-transmission Lines (Under the Supervision of the TREC*)	312 Substations
		450 Km lines

* Tehran Regional Electric Company

1.3- 132 KV Sub-station Projects for Investment

	Target Regional Power Company	Ratio(KV)	Quantity * Capacity (MVA)
1	Azarbaijan(20), Kerman(2), Hormozgan(4), Yazd (2), Fars (18)	132/20	46 * 50
2	Azarbaijan(6), Kerman(4), Khorasan(42), Gharb (2)	132/20	54 * 40
3	Khuzestan (70)	132/33	70 * 50

1.4 -66 & 63 KV Sub-station Projects for Investment

	Target Regional Power Company	Ratio(KV)	Quantity * Capacity (MVA)
1	Fars (108)	66/20	108 * 40
3	Isfahan (26), Bakhtar(26), Tehran[180, including 70 GIS], Semnan (14), Gilan(8), Mazandaran (20), Hormozgan(10),	63/20	284 * 40
4	Azarbaijan (8), Zanjan [10, including 4 GIS], Sistan& Baluchestan(20), Gharb (8), Kerman (12), Gilan(4),	63/20	62 * 30

Azarbayjan regional Electrical Company

a) 400/230 KV 2*315 MVA Sahand Power Plant Substation
b) 400/230 KV 2*315 MVA Haris Power Plant Substation
c) 400/230 KV 2*315 MVA Sabalan Power Plant Substation
d) 400/132 KV 2*200 MVA Hashtrood Substation

Bakhtar regional Electrical Company

a)400/230 KV 2*315 MVA Khomain Substation

Tehran regional Electrical Company

a) 400/230 KV 2*500 MVA Tehranpars Substation
b) 400/230 KV 2*500 MVA Dar Abad Substation
c) 400/63 KV 2*200 MVA Baghestan Substation

Khorasan regional Electrical Company

a) 400/132 KV 2*200 MVA Kohsangi Substation
b) 400/132 KV 2*200 MVA Bojnord Substation
c) 400/132 KV 2*200 MVA Doulat Abad Substation
d) 400/132 KV 2*200 MVA Binaloud Substation
e) 400/132 KV 2*200 MVA Emam Reza Substation

Khozestan regional Electrical Company

a) 400/132 KV 2*200 MVA Pirozan Substation
b) 400/132 KV 2*200 MVA isar Substation
c) 400/132 KV 2*200 MVA parsomash Substation
d) 400/132 KV 2*200 MVA Jondi Shapour Substation
e) 400/132 KV 2*200 MVA Shahid Baghai Substation
f) 400/132 KV 2*200 MVA Monfared Niaki Substation

Zanjan regional Electrical Company

a) 400/230 KV 2*315 MVA Takestan Substation

Development of Small Scale DG & CHP Gharb regional Electrical Company

a) 400/230 KV 2*315 MVA Sanandaj Substation

Development of Small Scale DG & CHPFars regional Electrical Company

a) 400/230 KV 2*315 MVA Marv Dasht Substation
b) 400/132 KV 2*200 MVA Khormoj Substation
c) 400/66 KV 2*200 MVA Marv Dasht Substation
d) 400/66 KV 2*200 MVA Sarhad Substation
e) 400/66 KV 2*200 MVA Dehbid Substation
f) 400/66 KV 2*200 MVA Darab Substation
g) 400/66 KV 2*200 MVA Kharameh Substation

Kerman regional Electrical Company

a) 400/230 KV 2*315 MVA Kahnooj Substation
b) 400/132 KV 2*200 MVA Khaton Abad Substation
c) 400/132 KV 2*200 MVA Jiroft Substation

Mazandaran regional Electrical Company

a) 400/230 KV 2*315 MVA Markaz Mazandaran Substation
b) 400/63 KV 2*200 MVA Gorgan Substation

Hormozgan regional Electrical Company

a) 400/132 KV 2*200 MVA Haji Abad Substation

Yazd regional Electrical Company

a) 400/63 KV 2*200 MVA Mehriz Substation

2- Power plants increase efficiency (Via buyback and repowering method)

Outline of a buyback contract

To stimulate private sector investment in the infrastructural water and power plans and projects and to have this sector further engaged in the abovementioned area we need to prepare relevant desirable projects. Therefore the Iranian law permits this opportunity to foreign companies, involvement in projects through Buyback contracts.

Ministry of Energy introduces some projects under buyback contract.

Iran's power industry requires investments of USD 24 billion in the short and medium time.

Iran would like to interest international power and energy companies in investing in Iran's power business by offering buyback contracts. Under abuyback contract an international company invests and when production starts, the field is handed over to the ministry of energy orone of its representatives.

According to the Iranian government, the buybackcontract contains sufficient incentives for international companies to invest in Iran.

Outline of Repowering Projects

Due to the rapid increase of power consumption in Iran, older power plants cannot be taken offline. Therefore in addition to building new power plants, repowering older power plants by eliminating the old boiler systems and coupling them with gas turbines or by using heat recovery steam generators, is a suitable course of action. As one of the more important investment areas in Iranian power industry, 19 power plants have been preselected for optimization using one of the mentioned methods.

General Information

Foreign Investment Promotion and Protection Act (FIPPA):

- No restriction on the percentage of foreign shareholding.
- The volume of foreign investment in each individual case shall not be subject the any limitation.
- (and 4) – repatriation of principal capital and profits is permissible.
- No restriction of the kind of acceptable investment.
- Facilitation of foreign investors entrance and residency.
- Coverage of non-commercial risks.
- Shortening the admission process and issuance of foreign investment license.
- Admittance of foreign governmental companies.
- Compensation of losses caused by expropriation and nationalization.
- Possibility of investment by Iranian investors using foreign originated capital , instead of foreigners.
- Possibility of referring disputes international arbitration.
- Foreign investors , (who have already invested in Iran, may benefit from "FIP- PA" coverage for the principal investment already made.

Other facilities

Taxes (duties) exemption

- oUp the 80% for 4 years.
- o(In less developed areas) 100% for 10 years.
- oExporting 100% without limitations .

2- Power plants increase efficiency (Via buyback and repowering method)

2-1- Chabahar Power Plant

Project Location (site) & Images: 15th kilometer of Chabahar-Iranshahr Rd ,Chabahar , Sistan and Baluchestan Province , Islamic Republic of Iran

Type of Contract: Buyback Plant

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which per-

formed

- Preparation of fuel for operation period which performed (Costs will be paid by government)
- The ability of connection to the network through the power plant substation

Project Time Schedule (Period of Preparation, Construction & Operation):

- Development period : 6 months to 1 year.
- Construction period : 36 to 39 months.
- Return of capital period : Up to 2 years.

Feasibility Study:

- feasibility studies by investor

Position of Land Ownership:

- Is owned by the private investor .

Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):

- Obtain the required environmental permit

Technical and Economic Specifications

Model of Investment:

• Buyback

Capacity:

• about 160MW consisting of 1 steam unit.

Total Capital Investment Forecasting:

• more than 176 million Dollar

Return of capital period (year):

Up to 2 years

Net Present Value (NPV) - million Rials: -

• International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.2- Golestan (Aliabad) Power Plant

Project Location (site) & Images: Near the city of Aliabad-e-Katul , Golestan Province , Islamic Republic of Iran
Type of Contract: Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which per- formed
- Preparation of fuel for opera-

tion period which performed (Costs will be paid by government)

- The ability of connection to the network through the power plant substation Project Time Schedule (Period of Preparation, Construction & Operation):
- Development period : 6 months to 1 year.
- Construction period : 36 to 39 months.
- Return of capital period : Up to 2 years. Site Preparation:

Feasibility Study:

- feasibility studies by investor

Position of Land Ownership: Is owned by the private investor .

Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):

- Obtain the required environmental permit and permit for water

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 480MW consisting of 3 steam units.
Total Capital Investment Forecasting: more than 528 million Dollar
Return of capital period (year): Up to 2 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.3- Hafez Power Plant

Project Location (site) & Images:

16th kilometer of Shiraz-Fasa Rd , Fars Province , Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for con- struct period which performed
- Preparation of fuel for operation peri-

od which performed (Costs will be paid by government)

• The ability of connection to the network through the power plant substation Project Time Schedule (Period of Preparation, Construction & Operation):

• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Return of capital period : Up to 2 years.

Site Preparation:

Feasibility Study:

• feasibility studies by IPDC

Position of Land Ownership: Is owned by the IPDC.

Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):

• Environmental permit has been obtained.
• Water permit has been obtained.

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 480MW consisting of the 3 steam units.
Total Capital Investment Forecasting: more than 528 million Dollar
Return of capital period (year):
Up to 2 years
Net Present Value (NPV) - million Rials: -
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.4- Hormozgan Power Plant

Project Location (site) & Images:

25 km north of Bandar Abbas, Hormozgan Province , Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation

period which performed (Costs will be paid by government)

- The ability of connection to the network through the power plant substation Project Time Schedule (Period of Preparation, Construction & Operation):
- Development period : 6 months to 1 year.
- Construction period : 36 to 39 months.
- Return of capital period : Up to 2 years. Site Preparation:

Feasibility Study:

- feasibility studies by IPDC

Position of Land Ownership: Is owned by the IPDC .

Legal Permissions (License of Con-striction,Foreign currency guota, environmental assessment, ect.):

- Environmental permit has been ob- tained .

- water supply contract was signed in the gas section , but there is not enough water .

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 320MW consisting of 2 steam units.
Total Capital Investment Forecasting: more than 352 million Euro
Return of capital period (year): Up to 2 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.5- Iranshahr Power Plant

Project Location (site) & Images:

5th kilometer of Iranshahr-Bampour Rd , Sistan and Baluchestan Province , Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for con- struct period which performed
- Preparation of fuel for operation peri

od which performed (Costs will be paid by government)

- The ability of connection to the network through the power plant substation Project Time Schedule (Period of Preparation, Construction & Operation):
- Development period : 6 months to 1 year.
- Construction period : 36 to 39 months.
- Return of capital period : Up to 2 years. Site Preparation:
- Land ready for delivery

Feasibility Study:

- feasibility studies by IPDC

Position of Land Ownership: Is owned by the IPDC.

Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):

- correspondence necessary to permit the water supply is done.

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 160MW consisting of 1 steam unit.
Total Capital Investment Forecasting: more than 176 million Dollar
Return of capital period (year):
Up to 2 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.6- Kashan Power Plant

Project Location (site) & Images:

20th kilometer of Kashan-Ardestan Rd , Isfahan Province , Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation

period which performed (Costs will be paid by government)

• The ability of connection to the network through the power plant substation

Project Time Schedule (Period of Preparation, Construction & Operation):

• Development period : 6 months to 1 year.

• Construction period : 36 to 39 months.

• Return of capital period : Up to 2 years.

Site Preparation:

Feasibility Study:

• feasibility studies by investor

Position of Land Ownership: Is owned by the private investor .

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 160MW consisting of 1 steam unit.
Total Capital Investment Forecasting: more than 176 million Dollar
Return of capital period (year): Up to 2 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.7- Khaleej Fars Power Plant

Project Location (site) & Images:

At distance of 45 km northeast of Bandar Abbas and 11 km of Sarkhoon gas field, Hormozgan Province , Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation

period which performed (Costs will be paid by government)
• The ability of connection to the network through the power plant substation
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Return of capital period : Up to 2 years.
Site Preparation:
Feasibility Study:
• feasibility studies by IPDC
Position of Land Ownership: Is owned by the IPDC.
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):
• Regional Water agrees to sell water and declared under tariff

Technical and Economic Specifications

Model of Investment:

Buyback

Capacity:

about 480MW consisting of 3 steam units.

Total Capital Investment Forecasting: more than 528 million Euro

Return of capital period (year):

Up to 2 years

Net Present Value (NPV) - million Rials:

International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.8- Mahshahr Power Plant

Project Location (site) & Images:

9th kilometer of Petrochemical-Chamran Rd, Mahshahr , Khuzestan Province , Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation period

which performed (Costs will be paid by government)
• The ability of connection to the network through the power plant substation
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Return of capital period : Up to 2 years.
Site Preparation:
Feasibility Study:
• feasibility studies by IPDC
Position of Land Ownership: Is owned by the IPDC .
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):
• Environmental permit has been obtained .

• required water is supplied by the gas section.

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 320MW consisting of 2 steam units.
Total Capital Investment Forecasting: more than 352 million Dollar
Return of capital period (year):
Up to 2 years
Net Present Value (NPV) - million Rials: -
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.9- Parand Power Plant

Project Location (site) & Images:

30th kilometer of Tehran-Saveh Highway , Tehran Province , Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation period

which performed (Costs will be paid by government)
• The ability of connection to the network through the power plant substation
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Return of capital period : Up to 2 years.
Site Preparation:
• 11%
Feasibility Study:
• feasibility studies by investor
Position of Land Ownership: Is owned by the private investor .
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):
• Obtain the required environmental permit and permit for water

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 480MW consisting of 3 steam units.
Total Capital Investment Forecasting: more than 528 million Dollar
Return of capital period (year):
Up to 2 years
Net Present Value (NPV) - million Rials: -
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.10- Rudeshur Power Plant

Project Location (site) & Images:

44th kilometer of Tehran-Saveh Fwy , Markazi Province, Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation period

which performed (Costs will be paid by government)
• The ability of connection to the network through the power plant substation
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Return of capital period : Up to 2 years.
Site Preparation:
• 3%
Feasibility Study:
• feasibility studies by investor
Position of Land Ownership: Is owned by the private investor .
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):
• Obtain the required environmental permit and permit for water

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 340MW consisting of 1 steam unit.
Total Capital Investment Forecasting:
more than 374 million Dollar
Return of capital period (year): Up to 2 years
Net Present Value (NPV) - million Rials: -
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.11- Sabalan Power Plant

Project Location (site) & Images:

30th kilometer of Ardabil-
Meshgin shahr Rd , Ardabil Province , Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures
(Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation period

which performed (Costs will be paid by government)
• The ability of connection to the network through the power plant substation
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Return of capital period : Up to 2 years.
Site Preparation:
• 2%
Feasibility Study:
• feasibility studies by investor
Position of Land Ownership: Is owned by the private investor .

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 480MW consisting of 3 steam units.
Total Capital Investment Forecasting: more than 528 million Dollar
Return of capital period (year):
Up to 2 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.12- Shahid Kaveh Power Plant

Project Location (site) & Images:

4th kilometer of Ghayen-Mashhad Rd , South Khorasan Province , Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

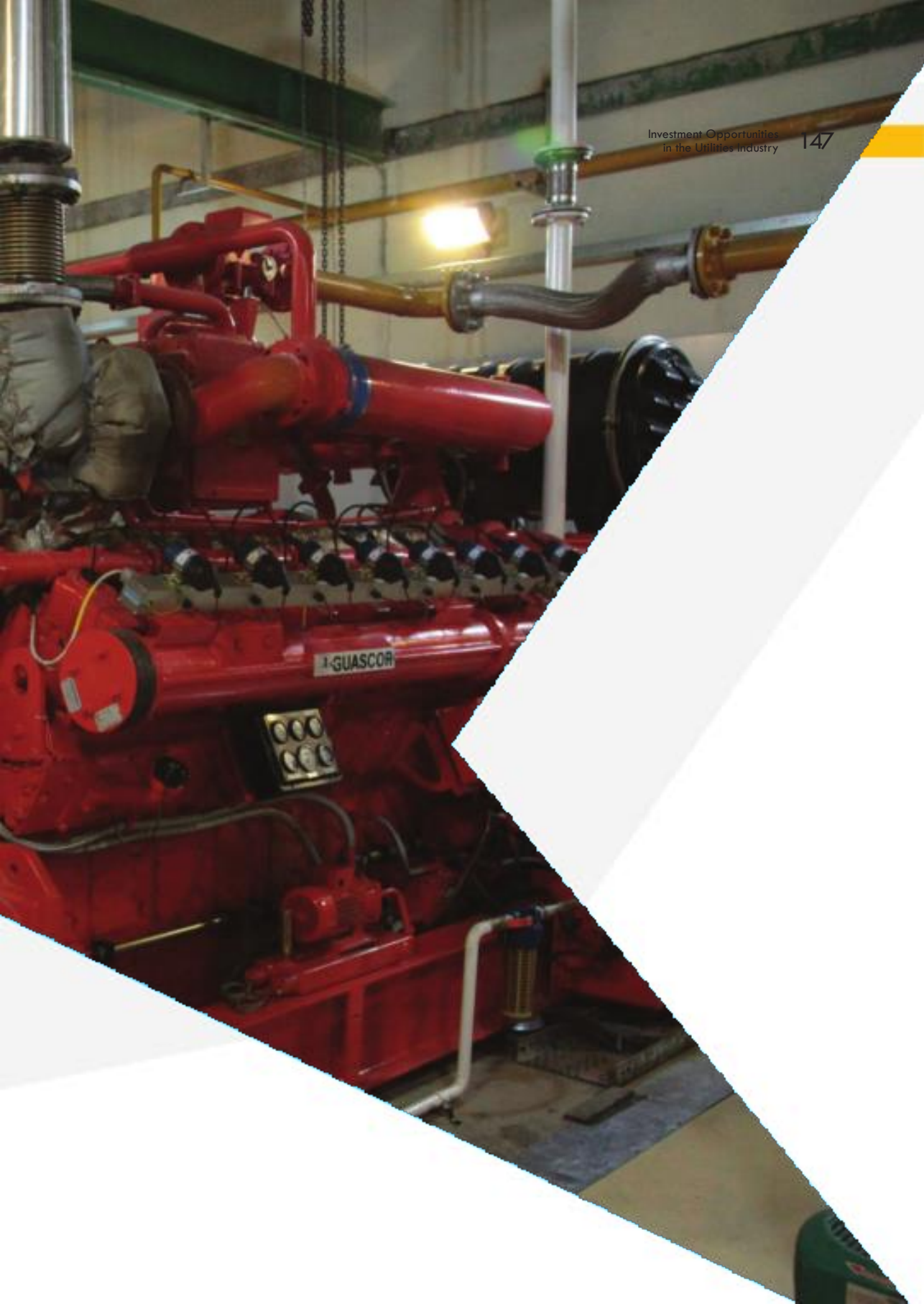
- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation period

which performed (Costs will be paid by government)
• The ability of connection to the network through the power plant substation
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Return of capital period : Up to 2 years.
Site Preparation:
• land ready for delivery
Feasibility Study:
• feasibility studies by IPDC
Position of Land Ownership: Is owned by the IPDC .
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):

• Correspondence for obtaining environmental permit and water permit was conducted

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 320MW consisting of 2 steam units.
Total Capital Investment Forecasting: more than 352 million Dollar
Return of capital period (year):
Up to 2 years
Net Present Value (NPV) - million Rials: -
International Rate of Return (IRR) %:
12 percent


GUASCOR

2- Power plants increase efficiency

2.13- Shahrud Power Plant

Project Location (site) & Images:
15th kilometer of Shahrud-Damghan Rd ,Semnan Province , Islamic Republic of Iran

Type of Contract: Buyback

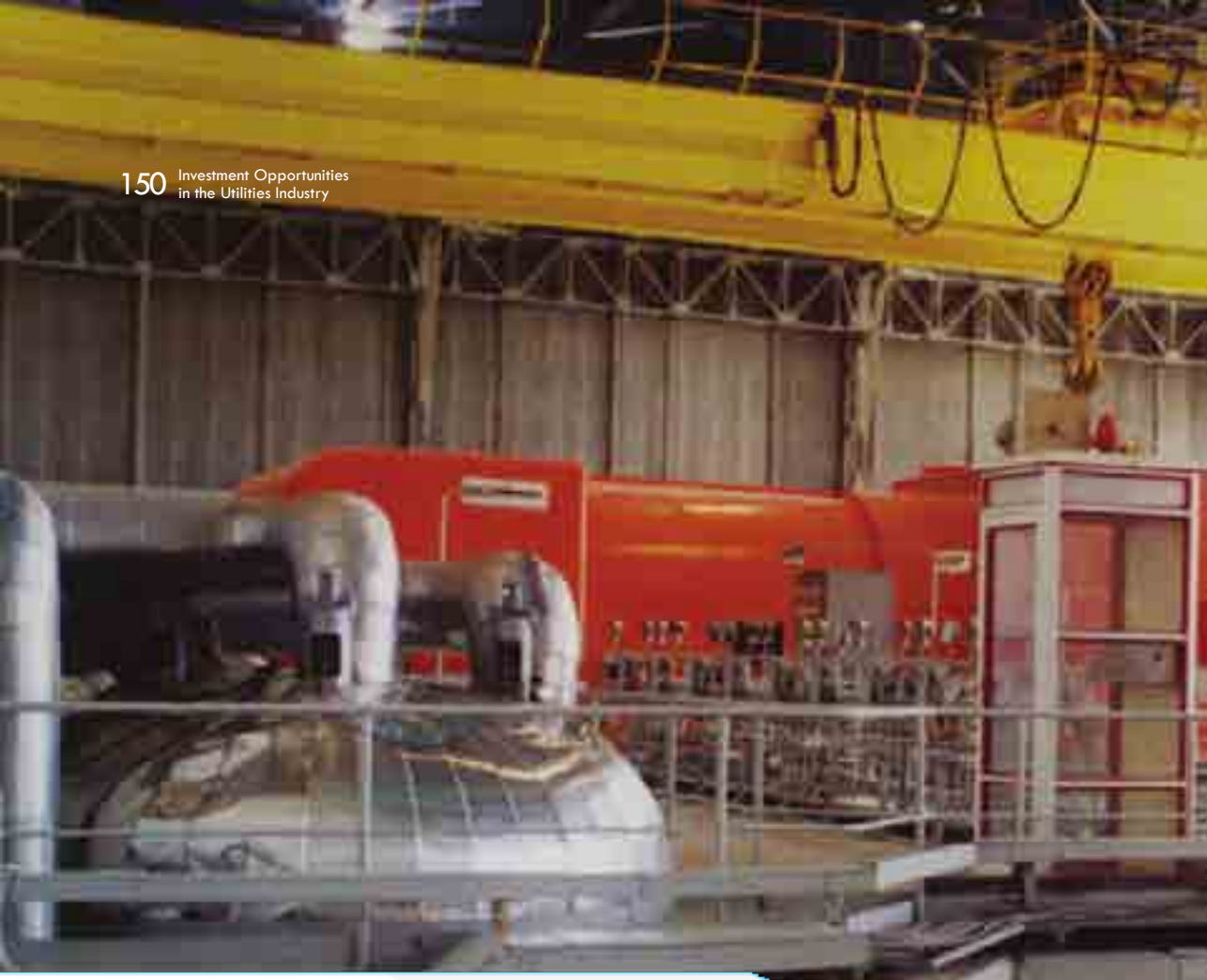
Project Status

Present Infrastructures
(Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation period

which performed (Costs will be paid by government)
• The ability of connection to the network through the power plant substation
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Return of capital period : Up to 2 years.
Site Preparation:
• land ready for delivery
Feasibility Study:
• feasibility studies by IPDC
Position of Land Ownership: Is owned by the private IPDC .
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):

• Regional Water has declared its readiness to grant a water permit.
•Environmental permits have been obtained .



Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 160MW consisting of 1 steam unit.
Total Capital Investment Forecasting:
more than 176 million Dollar
Return of capital period (year):
Up to 2 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.14- Soltanieh Power Plant

Project Location (site) & Images:

Sorkhe Dizaj Village, 25th kilometer of Qazvin-Zanjan Highway , Zanjan Province , Islamic Republic of Iran

Type of Contract:

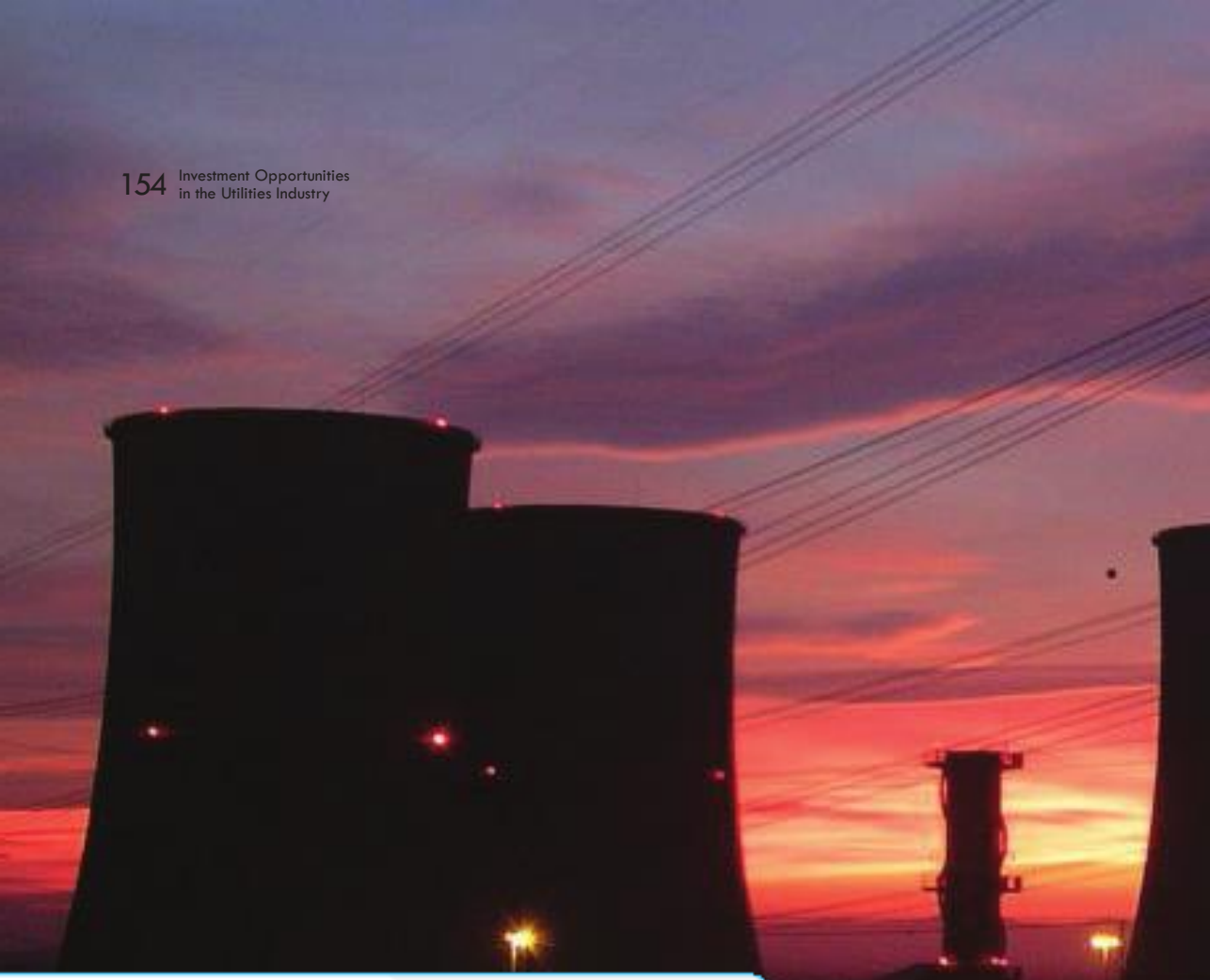
Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation period

which performed (Costs will be paid by government)
• The ability of connection to the network through the power plant substation
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Return of capital period : Up to 2 years.
Site Preparation:
Feasibility Study:
• feasibility studies by investor
Position of Land Ownership: Land Ownership is on track
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):
• Obtain the required environmental permit



Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 320MW consisting of 2 steam units.
Total Capital Investment Forecasting:
more than 352 million Dollar
Return of capital period (year):
Up to 2 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.15- South Isfahan Power Plant

Project Location (site) & Images:

75 kilometers to the southwest Isfahan near the Mobarakeh Steel Complex, Isfahan Province , Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation period

which performed (Costs will be paid by government)
• The ability of connection to the network through the power plant substation
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Return of capital period : Up to 2 years.
Site Preparation:
Feasibility Study:
• feasibility studies by IPDC
Position of Land Ownership: Is owned by the IPDC .
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):
• Environmental permit has been obtained .
• Water permit has been obtained (25 liters/sec) and in case of the subscription payment, up to 40 liters can be increased.

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 480MW consisting of 3 steam units.
Total Capital Investment Forecasting:
more than 528 million Dollar
Return of capital period (year):
Up to 2 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.16- Urmia Power Plant

Project Location (site) & Images:

30th kilometer of Urmia-Mahabad Road , West Azerbaijan Province, Islamic Republic of Iran

Type of Contract:

Buyback

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for construct period which performed
- Preparation of fuel for operation period

which performed (Costs will be paid by government)
• The ability of connection to the network through the power plant substation
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Return of capital period : Up to 2 years.
Site Preparation:
Feasibility Study:
• feasibility studies by investor
Position of Land Ownership: Is owned by the private investor .

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 480MW consisting of 3 steam units.
Total Capital Investment Forecasting: more than 528 million Dollar
Return of capital period (year):
Up to 2 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

2- Power plants increase efficiency

2.17- Zagros Power Plant

Project Location (site) & Images:
Kermanshah Province , Islamic Republic of Iran
Type of Contract:
Buyback

Project Status

Present Infrastructures
(Supply of land, water, electricity & gas):

- Preparation of needed land for steam section of power plant
- Preparation of needed electricity for con- struct period which performed
- Preparation of fuel for operation perio

which performed (Costs will be paid by government)

- The ability of connection to the net- work through the power plant substa- tion

Project Time Schedule (Period of Preparation, Construction & Opera- tion):

- Development period : 6 months to 1 year.
- Construction period : 36 to 39 months.
- Return of capital period : Up to 2 years.

Site Preparation:

Feasibility Study:

- feasibility studies by investor

Position of Land Ownership: Transfer of land yet to be finalized

Technical and Economic Specifications

Model of Investment:
Buyback
Capacity:
about 320MW consisting of 2 steam units.
Total Capital Investment Forecasting: more than 352 million Euro
Return of capital period (year):
Up to 2 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

2.18- Repowering Projects

2.18- Repowering Projects

Name	Recent condition						
	Steam Unit/ No.	Practical Capacity/Unit (Mw)	Energy (Billion Kwh)	Initial Efciency	Gas Unit/No.	Capacity/Unit (Mw)	Theoretical Capacity of Gas Unit/Mw
Isfahan	1	120	767	34	2	123	246
Hamedan	2	500	3197	37.5	4	201	804
Besat	1	75	480	31	1	162	162
Rajaee	2	500	3197	37.5	4	201	804
Tos	2	300	1918	36.7	4	162	648
Bistoon	1	320	2046	39	2	291	582

Name	Recent condition						
	Steam Unit/ No.	Practical Capacity/Unit (Mw)	Energy (Billion Kwh)	Initial Efciency	Gas Unit/No.	Capacity/Unit (Mw)	Theoretical Capacity of Gas Unit/Mw
Loshan	2						
Bandar abbas	2	240	1535	34	4	123	492
Tabriz	1	640	3479	35	4	291	1164
Montazeri	4	350	2238	38	2	291	582
Montazer ghaem	1	800	**5116**	35.6	8	201	1608
Total	1	150	959	36	2	162	324
	19	3995	24933	-	37	-	7416

Green Gas Deduction/1000 ton	Investment/ us$ million	Gas Saving mm3)	Utilized Gas After Recovery mm3)	Actual Efciency (mm3)	% Efciency	Energy (Million Kwh)
After Recovery						
342	133	152	364	516	48.2	1755
1015	437	451	1217	1668	51.4	6254
311	88	138	228	367	49.8	1137
1015	432	451	1217	1668	51.4	6254
733	352	326	913	1239	49.8	4547
713	316	317	792	1109	54.6	4326

Green Gas Deduction/1000 ton	Investment/ us$ million	Gas Saving mm3)	Utilized Gas After Recovery (mm3)	Actual Efciency (mm3)	% Efcienc y	Energy (Million Kwh)
After Recovery						
715	267	318	761	1079	48.2	3668
2168	633	964	1721	2685	54.6	9397
805	316	358	819	1176	54.6	4470
2244	874	997	2247	3244	51.4	11549
394	176	175	456	631	49.8	2273
10455	4034	4647	10735	15382	51.8	55630

3- High efficiency combined cycle power plants development

General Information

Foreign Investment Promotion and Protection Act (FIPPA):

Foreign Investment Promotion and Protection Act (FIPPA):

- No restriction on the percentage of foreign shareholding.
- The volume of foreign investment in each individual case shall not be subject the any limitation.
- (and 4) – repatriation of principal capital and profits is permissible.
- No restriction of the kind of acceptable investment.
- Facilitation of foreign investors entrance and residency.
- Coverage of non-commercial risks.
- Shortening the admission process and issuance of foreign investment license.
- Admittance of foreign governmental companies.
- Compensation of losses caused by expropriation and nationalization.
- Possibility of investment by Iranian investors using foreign originated capital

, instead of foreigners.
• Possibility of referring disputes international arbitration.
• Foreign investors , (who have already invested in Iran, may benefit from "FIPPA" coverage for the principal investment already made.

Other facilities

•Taxes (duties) exemption .
- o Up the 80% for 4 years.
- o (In less developed areas) 100% for 10 years.
- o Exporting 100% without limitations .

3- High efficiency combined cycle power plants development

3.1- Maragheh 848 MW CCPP

Project Location (site) & Images:

Maragheh, East Azarbayjan Province , Islamic Republic of Iran

Type of Contract: BOT

Pre - Conditions of the Contract (Productivity, Equipment, etc.):

- Usage of gas Turbines Class "F" or higher models from the point efficiency in combined cycle power plants.
- Efficiency of combined cycle power plant should be 58 percent or more.

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed power plant land which performed (Costs should be paid by investor)
- Preparation of water for construction

and operation periods which performed (Costs should be paid by investor)
• Preparation of needed electricity for construct period which performed (Costs will be paid by government)
• Preparation of gas for operation period which performed (Costs will be paid by government)
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Operation period : 20 years.
Site Preparation: Nothing done
Feasibility Study: Nothing done
Position of Land Ownership: East Azarbayjan Natural Resources Office
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.): Nothing done

Technical and Economic Specifications

Model of Investment:
BOT
Capacity:
about 848MW consisting of the class "F" gas unit and the relative steam unit.
Total Capital Investment Forecasting: 678.4 million dollar
Operational Period (year):
20 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

3- High efficiency combined cycle power plants development

3.2- Miyaneh 848 MW CCPP

Project Location (site) & Images:

Miyaneh, East Azarbayjan Province , Islamic Republic of Iran

Type of Contract:

BOT

Pre - Conditions of the Contract (Productivity, Equipment, etc.):

• Usage of gas Turbines Class "F" or higher models from the point efficiency in combined cycle power plants.

• Efficiency of combined cycle power plant should be 58 percent or more.

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

• Preparation of needed power plant land which performed (Costs should be paid by investor)

• Preparation of water for construction and operation periods which performed (Costs should be paid by investor)
• Preparation of needed electricity for construct period which performed (Costs will be paid by government)
• Preparation of gas for operation period which performed (Costs will be paid by government)

Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Operation period : 20 years.

Site Preparation: Nothing done
Feasibility Study: Nothing done
Position of Land Ownership: East Azarbayjan Natural Resources Office
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.): Nothing done

Technical and Economic Specifications

Model of Investment:
BOT
Capacity:
about 848MW consisting of the class "F" gas unit and the relative steam unit.
Total Capital Investment Forecasting:
678.4 million dollar
Operational Period (year):
20 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

3- High efficiency combined cycle power plants development

3.3- Omidiyeh 848 MW CCPP

Project Location (site) & Images:

Omidiyeh-Mahshahr Road, khuzestan Province , Islamic Republic of Iran

Type of Contract: BOT

Pre - Conditions of the Contract (Productivity, Equipment, etc.):

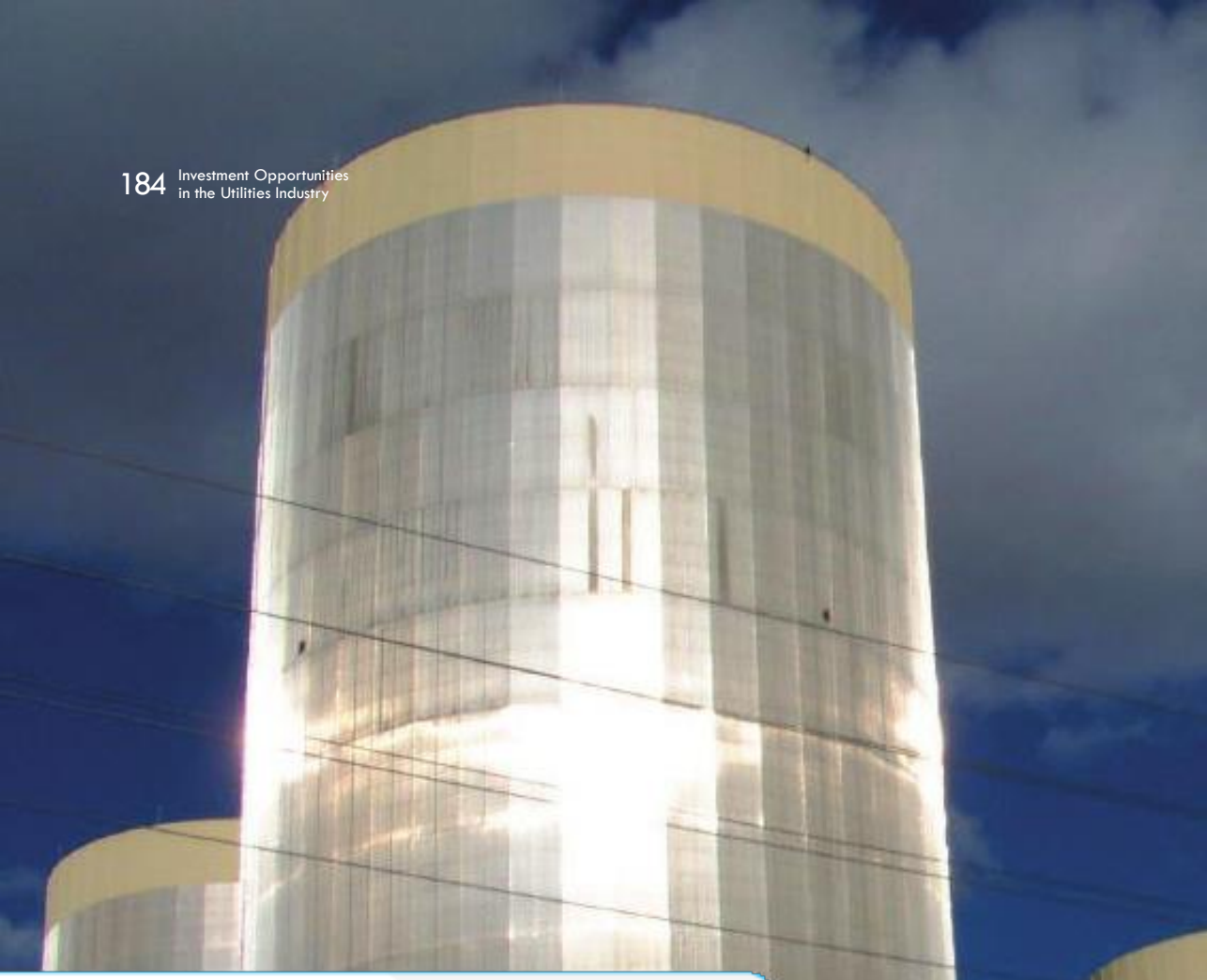
- Usage of gas Turbines Class "F" or higher models from the point efficiency in combined cycle power plants.
- Efficiency of combined cycle power plant should be 58 percent or more.

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed power plant land which performed (Costs should be paid by investor)
- Preparation of water for construction

and operation periods which performed (Costs should be paid by investor)
• Preparation of needed electricity for construct period which performed (Costs will be paid by government)
• Preparation of gas for operation period which performed (Costs will be paid by government)
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Operation period : 20 years.
Site Preparation: Nothing done
Feasibility Study:
Carry out feasibility and network studies
Position of Land Ownership: Khouzestan regional electric company
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):
• Obtain the required environmental permit, well permit for water, electricity permit and gas permit.



Technical and Economic Specifications

Model of Investment:
BOT
Capacity:
about 848MW consisting of the class "F" gas unit and the relative steam unit.
Total Capital Investment Forecasting:
678.4 million dollar
Operational Period (year):
20 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

3- High efficiency combined cycle power plants development

3.4- Fars North 848 MW CCPP

Name of Project:
Combined Cycle Power Plant
Project Location (site) & Images:
MarvDasht-Arsanjan Road, Fars Province , Islamic Republic of Iran
Type of Contract: BOT
Pre - Conditions of the Contract (Productivity, Equipment, etc.):
• Usage of gas Turbines Class "F" or higher models from the point efficiency in combined cycle power plants.
• Efficiency of combined cycle power plant should be 58 percent or more.

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):
• Preparation of needed power plant land

which performed (Costs should be paid by investor)
• Preparation of water for construction and operation periods which performed (Costs should be paid by investor)
• Preparation of needed electricity for construct period which performed (Costs will be paid by government)
• Preparation of gas for operation period which performed (Costs will be paid by government)
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Operation period : 20 years.
Site Preparation: Nothing done
Feasibility Study: Nothing done
Position of Land Ownership: Fars Natural Resources Office
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.): Nothing done

Technical and Economic Specifications

Model of Investment:
BOT
Capacity:
about 848MW consisting of the class "F" gas unit and the relative steam unit.
Total Capital Investment Forecasting:
678.4 million dollar
Operational Period (year): 20 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

3- High efficiency combined cycle power plants development

3.5- Tabriz 848 MW CCPP

Name of Project:
Combined Cycle Power Plant
Project Location (site) & Images:
Tabriz, East Azarbayjan Province , Islamic Republic of Iran
Type of Contract:BOT
Pre - Conditions of the Contract (Productivity, Equipment, etc.):
• Usage of gas Turbines Class "F" or higher models from the point efficiency in combined cycle power plants.
• Efficiency of combined cycle power plant should be 58 percent or more.

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):
• Preparation of needed power plant land

which performed (Costs should be paid by investor)
• Preparation of water for construction and operation periods which performed (Costs should be paid by investor)
• Preparation of needed electricity for construct period which performed (Costs will be paid by government)
• Preparation of gas for operation period which performed (Costs will be paid by government)
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Operation period : 20 years.
Site Preparation: Nothing done
Feasibility Study: Nothing done
Position of Land Ownership: East Azarbayjan Natural Resources Office
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.): Nothing done

Technical and Economic Specifications

Model of Investment:
BOT
Capacity:
about 848MW consisting of the class "F" gas unit and the relative steam unit.
Total Capital Investment Forecasting: 678.4 million dollar
Operational Period (year):
20 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

3- High efficiency combined cycle power plants development

3.6- Zahedan 848 MW CCPP

Project Location (site) & Images:

Zahedan-Zabol Road, Sistan and Balouchestsn Province , Islamic Republic of Iran

Type of Contract: BOT

Pre - Conditions of the Contract (Productivity, Equipment, etc.):

- Usage of gas Turbines Class "F" or higher models from the point efficiency in combined cycle power plants.
- Efficiency of combined cycle power plant should be 58 percent or more.

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed power plant land which performed (Costs should be paid by investor)

• Preparation of water for construction and operation periods which performed (Costs should be paid by investor)
• Preparation of needed electricity for construct period which performed (Costs will be paid by government)
• Preparation of gas for operation period which performed (Costs will be paid by government)
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Operation period : 20 years.
Site Preparation: Nothing done
Feasibility Study: Nothing done
Position of Land Ownership: Sistan Natural Resources Office
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.): Nothing done

Technical and Economic Specifications

Model of Investment:
BOT
Capacity:
about 848MW consisting of the class "F" gas unit and the relative steam unit.
Total Capital Investment Forecasting:
678.4 million dollar
Operational Period (year):
20 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

3- High efficiency combined cycle power plants development

3.7- Zanjan 500 MW CCPP

Project Location (site) & Images:

Sorkhe Dizaj Village, 25th kilometer of Qazvin-Zanjan Highway , Zanjan Province , Islamic Republic of Iran

Type of Contract: BOT

Pre - Conditions of the Contract (Productivity, Equipment, etc.):

- Usage of gas Turbines Class "F" or higher models from the point efficiency in combined cycle power plants.
- Efficiency of combined cycle power plant should be 58 percent or more.

Project Status

Present Infrastructures (Supply of land, water, electricity & gas):

- Preparation of needed power plant land which performed (Costs should be paid by investor)

• Preparation of water for construction and operation periods which performed (Costs should be paid by investor)
• Preparation of needed electricity for construct period which performed (Costs will be paid by government)
• Preparation of gas for operation period which performed (Costs will be paid by government)
• The distance (intervals) from the 400KW electricity transmission line, 3 kilometers.
• The distance (intervals) from the 230KW electricity transmission line, 2 kilometers.
Project Time Schedule (Period of Preparation, Construction & Operation):
• Development period : 6 months to 1 year.
• Construction period : 36 to 39 months.
• Operation period : 20 years.
Site Preparation:
• Prepare topographic maps of the site and carry out studies related to the access road to ghazwin _zanjan freeway.
• Construction of site perimeter wall and provide necessary power supply for the construction phase of the power plant.
• Complete well digging and install relating equipments.
• Construct necessary levee and access road.
Feasibility Study:
• Carry out environmental, geotechnical and hydrological studies
• Prepare and approve sight plan and SLD
Position of Land Ownership: Zanjan regional electric company
Legal Permissions (License of Constriction, Foreign currency guota, environmental assessment, ect.):
• Obtain necessary permit for digging a deep water well with a depth of 130 m and maximum output of 28.5 litr/s
• Obtain the required environmental permit, well permit for water, electricity permit and gas permit.

Technical and Economic Specifications

Model of Investment:
BOT
Capacity:
about 500MW consisting of the class "F" gas unit and the relative steam unit.
Total Capital Investment Forecasting:
more than 250 million Euro
Operational Period (year):
20 years
Net Present Value (NPV) - million Rials:
International Rate of Return (IRR) %: 12 percent

4. Development of Small Scale DG & CHP

ROW	REGIONAL STATION	PROVINCE
1	AZARBAIJAN	EAST & WEST AZARBAHJAN,ARDABIL
2	ISFAHAN	ISFAHAN-CHMAHARBAKHTIARI
3	BAKHTAR	LORESTAN-HAMADAN-CENTER
4	TEHRAN	TAHRAN-ALBURZ0QOM
5	KHORASAN	NORTH,SOUTH&RAZAVI KHORASAN
6	KHOZESTAN	KHOOZESTAN-KOHGULIYEH&BOYER AHMAD
7	ZANJAN	ZANJAN-GAZVIN
8	SEMNAN	SEMNAN
9	SISTAN-BALUCHESTAN	SISTAN - BALUCHESTAN
10	WEST	KERMANSHAH-KORDESTAN-ILAM
11	FARS	FARS-BOOSHEHR
12	KERMAN	KERMAN
13	GILAN	GILAN
14	MAZANDARAN	MAZANDARAN-GOLESTAN
15	HORMOZGAN	HORMOZGAN
16	YAZD	YAZD
SUM		

NO & CAPACITY	TOTAL CAPACITY(MW)	TOTAL AMOUNT($ MILLION)
8*25	200	132
8*25	200	132
8*25	200	132
12*25	300	198
6*25	150	99
6*25	150	99
8*25	200	132
4*25	100	66
4*25	100	66
8*25	200	132
8*25	200	132
8*25	200	132
6*25	150	99
10*25	250	165
8*25	200	132
8*25	200	132
120*25	3000	1980

5. Renewable power plants Projects

ROW	RENEWABLE	PROVINCE/AREA
1	PHOTOVOLTAIC	YAZD
		ISFAHAN
		FARS
		KERMAN
		SISTAN-BALUCHESTAN
		QOM-CENTER
		SEMNAN
		KHORASAN
	TOTAL/SOLAR PROJECTS	
2	WIND	RAZAVI KHORASAN-KHAF
		SISTAN-BALUCHESTAN
		QAZVIN-TAKESTAN
		EAST AZERBAILAN
	TOTAL/WIND PROJECTS	
3	GEOTHERMAL PROJECTS	ARDABIL-MESHKIN SHAHR
4	BIOMASS PROJECTS	
5	SMALL HYDROPOWER PROJECTS	SOUTH & NORTH
SUM		

CAPACITY(MW)	LAND/HEC	REQUIRES AMOUNT (USD MILLION)
100	200	200
100	200	200
100	200	200
100	200	200
50	100	100
50	100	100
50	100	100
50	100	100
600		1200
750	6000	1300
650	5200	1150
500	4000	875
250	2000	450
2150		17500
100	ACCORDING TO REQUEST	500
50	-	175
--		125
3000		5775

5.1- Solar photovoltaic power projects

Project Profile for foreign Investment	
Introduction to Project	Name of Project
	Project Location (site)& images
	Type of Contract
	Pre - Conditions of the Contract (Productivity; (Equipment; etc
project Status	present infrastructures (Supply of land; water; elec-(tricity& gas
	project Time Schedule (period of Preparation ; (Construction & Operation
	Site Preparation
	Feasibility Study
	position of Land ownership
	Legal Permissions (License of constriction; foreign .(currency quota; environmental assessment ;etc
Technical and Economic Specifi-cations	Model of Investment
	Capacity
	Total Capital investment Forecasting
	(Operational Period (year
	(million Rails- Net present Value (NPV
	%(International Rate of Return (IRR
General Information	Foreign Investment Promotion and Protection Act ((FIPPA
	Other facilities
	Site Map
	Name of Company (Address; Tel & Fax ; Email ; (website

(Solar Photovoltaic Power Plants (including 34 Power Plants
Yazd - South & Razavi Khorasan - Fars - Isfehan - Qom- Alborz- Sistan & Balouches- .tan- Tehran- Semnan- Hormozgan
Guaranteed Electricity Purchase
Obtaining Environmental, Grid connection and Land Licenses
is available for some projects
PPA period is 20 years (including 18 months for Development and Construction peri- (od
most of the projects are in process of obtaining licenses
has been done in some of the projects
has been done in some of the projects
in some projects, all legal licenses have been obtained
private sector - using foreign finance
about 400 MW
$ total investment about 800 million
years 20
-
-
will be obtained
-
is available in our brochure
private companies which names are attached to our brochure

5.2- Wind Power Projects

Project Profile for foreign Investment	
Introduction to Project	Name of Project
	Project Location (site)& images
	Type of Contract
	(Pre - Conditions of the Contract (Productivity; Equipment; etc
project Status	(present infrastructures (Supply of land; water; electricity& gas
	(project Time Schedule (period of Preparation ; Construction & Operation
	Site Preparation
	Feasibility Study
	position of Land ownership
	Legal Permissions (License of constriction; foreign currency quota; environ-.(mental assessment ;etc
Technical and Economic Specifications	Model of Investment
	Capacity
	Total Capital investment Forecasting
	(Operational Period (year
	(million Rails- Net present Value (NPV
	%(International Rate of Return (IRR
General Information	(Foreign Investment Promotion and Protection Act (FIPPA
	Other facilities
	Site Map
	(Name of Company (Address; Tel & Fax ; Email ; website

(Wind Power Plants (including 32 Power Plants
Khaaf - Qazvin - Zabol - Ahar - Manjil & Binaloud areas
Guaranteed Electricity Purchase
Obtaining Environmental, Grid connection and Land Licenses
is available for some projects
(PPA period is 20 years (including 18 months for Development and Construction period
most of the projects are in process of obtaining licenses
has been done in some of the projects
has been done in some of the projects
in some projects, all legal licenses have been obtained
private sector - using foreign finance
about 2514 MW
$ about 4500 million
years 20
-
-
will be obtained
-
is available in our brochure
private companies which names are attached to our brochure

5.3- Bio-mass power Plants Projects

Project Profile for foreign Investment	
Introduction to Project	Name of Project
	Project Location (site)& images
	Type of Contract
	Pre - Conditions of the Contract (Productivity; Equipment; etc)
project Status	present infrastructures (Supply of land; water; electricity& gas)
	project Time Schedule (period of Preparation ; Construction & Operation)
	Site Preparation
	Feasibility Study
	position of Land ownership
	Legal Permissions (License of constriction; foreign currency quota; environmental assessment ;etc).
Technical and Economic Specifications	Model of Investment
	Capacity
	Total Capital investment Forecasting
	Operational Period (year)
	million Rails- Net present Value (NPV)
	International Rate of Return (IRR)%
General Information	Foreign Investment Promotion and Protection Act (FIPPA)
	Other facilities
	Site Map
	Name of Company (Address; Tel & Fax ; Email ; website)

Bio-mass Power Plants (including 19 Power Plants)
Golestan- East & West Azerbaijan- Semnan- Gilan- Isfahan- Fars- Tehran- Kordestan- Kermanshah- Khuzestan- Sistan & Balouchestan- Markazi- Ardabil- Qom- Qazvin.
Guaranteed Electricity Purchase
Obtaining Environmental, Grid connection and Land Licenses
is available for some projects
PPA period is 20 years (including 18 months for Development and Construction period)
most of the projects are in process of obtaining licenses
has been done in some of the projects
has been done in some of the projects
in some projects, all legal licenses have been obtained
private sector - using foreign finance
about 75 MW
total investment about 265 million $
20 years
-
-
will be obtained
-
is available in our brochure
private companies which names are attached to our brochure