

## 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 - Isfahan - 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 construction; foreign currency quota; environmental assessment ;etc
Technical and Economic Specifications	Model of Investment
	Capacity
	Total Capital investment Forecasting
	(Operational Period (year
	(million Rials- 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

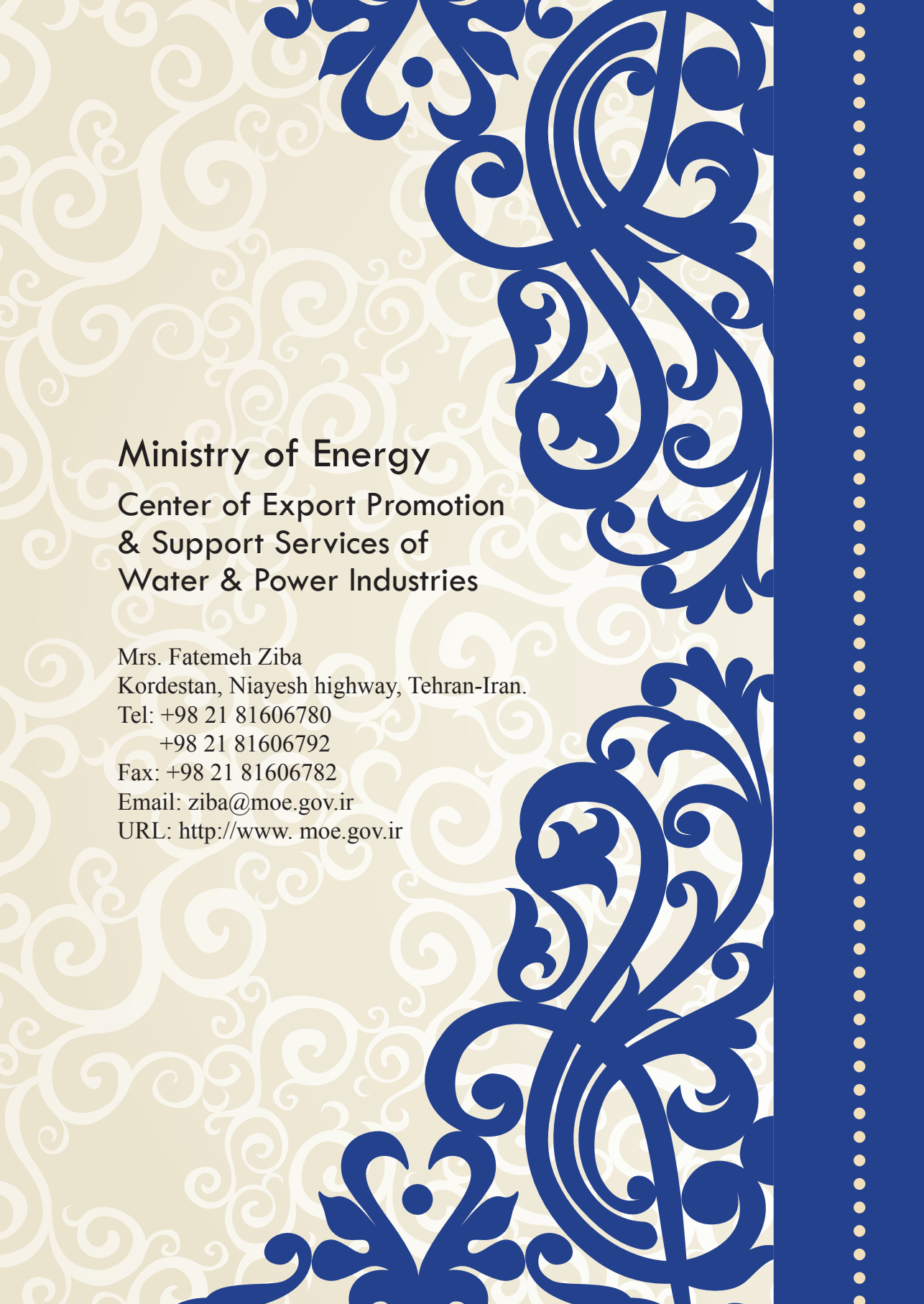
## 5.3- Bio-mass power Plants Projects

## 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 construction; foreign currency quota; environmental assessment ;etc).
Technical and Economic Specifications	Model of Investment
	Capacity
	Total Capital investment Forecasting
	Operational Period (year)
	million Rials- 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





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