

**The Investment Opportunities of
Islamic Republic of IRAN
in Hydropower**

1- Project title: Golestan Small Hydropower Plants					
2- Field of activity : Energy Generation					
3- Project type: Establishment <input checked="" type="checkbox"/> expansion and completion <input type="checkbox"/>					
4- Project description: Iran Water & Power Resources Development Co. is studying four small hydropower plants in Golestan Province, Iran called: PENO, GERO, ZARRIN GOL and RIG CHESHMEH.					
5- Location: Golestan Province , Iran					
PENO	GERO	ZARRIN GOL	RIG CHESHMEH		
Peno village, Galikesh city	Hoseina village, Minoo dasht city	Zarin gol village, Ali abad city	Rig cheshmeh village, Fazel abad city		
6- Products: <i>Hydroelectric energy</i>					
7- Capacity and Annual Production					
	PENO	GERO	ZARRIN GOL	RIG CHESHMEH	Total Sum
Annual Production (GWH)	2.35	6.97	5.57	5.21	20.10
Capacity (MW)	1	2	1	1	5
8- markets:			Domestic 100%	Foreign 0%	
9- Local/internal raw material access: 55%					
10- sale:					
- Anticipated local market 100%					
- Anticipated export market 0%					
11- Construction Duration: 3 years		Start: 2011		End: 2014	
12- Operation Year: 2015		Length of Operation: 50 years			
13- Anticipated Employment:		Direct: 250		Indirect: 2500	
14- Project status:					
- Feasibility study available?		Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>	
- Required lands provide?		Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>	
- Legal permissions (establishment license foreign currency quota, environment, etc.) taken? In process		Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>	
- Partnership agreement with local/foreign investor concluded?		Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>	
- Financing agreement concluded?		Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>	
- Agreement with local/foreign/contractor(s) concluded?		Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>	
- Infrastructural utilities (electricity, water supply, telecommunication, fuel, road, etc.) procured? The quantities for construction are procured.		Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>	
- List of know-how machinery, equipments, as well as seller/builder companies defined?		Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>	
- Purchase agreement for machinery, equipment and know-how concluded?		Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>	

15- Investment Volume and Fractions:

Description	Peno	Gero	Zarin Gol	Rig Cheshmeh	Total Sum
Investment	1.479	2.88	1.58	1.436	7.375
IRR	10.1%	7.4%	10.4%	10.8%	
B/C	1.17	1.05	1.19	1.23	

Exchange Rate: 1 Euro = 14000 Rials

16- Scheme of project financing

- a- Foreign Direct investment (equity participation)
- b- Contractual Arrangements:
 - Short-term loan (financing)(*):
 - Buy-back:
 - BOT schemes: BOT BOO BRT BLT Other

(*)similar to the program of basic construction works (like access roads and diversion system) this part is foreseen to be financed from local sources and the main parts of the project from foreign financier.

17- Employer/ local partner profile:

- Name (legal/natural persons): *Iran Water & Power Resources Development Co. (IWPCO)*
- Company's current activities: *Hydroelectric Power Plant & Dam Projects Construction*
- Address: *No 3., Bidar St, Africa Junction, Modarres Expressway, Tehran, IRAN*
- Tel: 27823113 Fax: 27823151, E-mail (Mr. Shahram Jalali): s.jalali@iwpcoco.com, sh1352j@gmail.com
Website: www.iwpcoco.com.
- Company's legal structure: Governmental Non-governmental Public non-governmental