

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

1- Project title: Ardal 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: Ardal Hydropower Package consists of three power plants named: Installation capacity of Aziz-Abaad = 5.6 MW Installation capacity of Absardeh = 2.26 MW Installation capacity of Dopolan = 12 MW				
5- Location: Ardal package power plants is located in Char-Mahaal & Bakhtiary province, far from 30 kilometer distance of Ardal city near the Dinaran village				
6- Products: Hydroelectric Energy				
7- Total Capacity: 19.86 MW Total Annual Product: 100.19 GW/h				
Hydropower Plant	Descriptions			The Phase of Studying
	Capacity (MW)	Annual Product (GW/h)	Units	
Aziz-Abaad	5.6	31.9	2	Completed Phase 2
Absardeh	2.26	9.89	2	Completed Phase 2
Dopolan	12	58.4	4	Completed Phase 1
Total Sum	19.86	100.19	8	
8- markets:		Domestic 100%	Foreign 100%	
9- Local/internal raw material access: 80 %				
10- sale: - Anticipated local market: 70 % - Anticipated export market: 30 %				
11- Construction Duration: 3 years		Start: 2010	End: 2012	
12- Operation Year: 2013		Length of Operation: 50 years		
13- Anticipated Employment:		Direct: 400	Indirect: Unknown	
14- Project status:				
- Feasibility study available?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
- Required lands provide?		Yes <input type="checkbox"/>	No <input checked="" 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 type="checkbox"/>	No <input checked="" 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 checked="" type="checkbox"/>	No <input 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:

Million Rials	Aziz-Abaad	Absardeh	Dopolan	Sum
Civil Work	54,624.90	51,908.34	82,109.28	188,642.52
Equipment	109,249.80	25,954.17	93,852	229,055.97
Total Sum	163,874.70	77,862.51	175,961.28	417,698.49
B/C	2.3	1.76	2.3	

	Aziz-Abaad	Absardeh	Dopolan	Equivalent Million Euros
Civil Work	3.90	3.71	5.86	13.47
Equipment	7.80	1.85	6.70	16.36
Total Sum	11.71	5.56	12.57	29.84

Exchange Rate: 1 Euro = 14000 Rials

16- Scheme of project financing:

- a- EPCF
- 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@iwpc.com, sh1352j@gmail.com
- Website: www.iwpc.com.
- Company's legal structure: Governmental Non-governmental Public non-governmental