

# IRAQ

## Country Report

### 1. Energy Policy :

About the basic energy policy in our country, we can say that because of the political crises, there is no any energy policy and the security providing is in the main important works of the government.

Till now the oil and natural gas are two main sources that we can depend on them for energy and economy (incoming) , because of the former regime the country has been involved and faced to many political crises, many wars ( war by war ) and the international embargo, so the industrial, agricultural, commercial...etc. departments have been stopped (become passive). After the former regime collapse, the new authority was unable and unstable, so it need a time to be powerful to provide the security for the people, so the oil and natural gas are kept as main source.

But after elected parliament and according to the new constitution, the political state will be more stable and the mentioned departments will be relief step by step, and after discussion through the parliament the basic energy policy will be drawn .

But about the Kurdistan Region which is more secure than the other places of Iraq , the ministry of electricity of ( KRG ) planned for :

- a. Increasing the generation capacity the required demand level ( trying for balancing the power generation with the prospected demand) by installing two GPP in Erbile , Sulyamany and the next will be in Duhok . Also they are studding the renewable energy sources for installing other types of power plants. And many substations in different voltage levels were installed to overcome the over loads by the distribution network expansion.
- b. Decreasing the losses through maintenance programs for transmission lines , distribution networks, putting SMART energy meters for consumers and rising the price.
- c. Developing the Dispatch Control Center with a new model of SCADA and GIS systems.
- d. Promoting and expanding the distribution networks in order to transmit the elect. energy for the rural areas (countryside).

## 2. Data & Information :

According to the data given from KRCC ( Kurdistan Region Control Center) :

\* In winter 2010 the region demand was as the following:

Governorate Name	Max. Demand	Aver. Demand (24hr.)
Erbile	720MW	580MW
Sulaimany	780MW	630MW
Duhok	580MW	475MW

\* The recent condition of the region demand :

Governorate Name	Aver. Demand (24hr.)
Erbile	410MW
Sulaimany	450MW
Duhok	240MW

\* The recent condition of power supply ( i.e power sources ) in the region :

1. Four units from Erbile GPP	430MW
2. Four units from Sulaimany GPP	450 MW
2. One unit from Dokan HPS	25MW
4. One unit fom Derbendikhan HPS	25MW
5. From the National Grid ( I.N.G )	30MW
6. From the Turkish Grid	140MW
7. From the Iran Grid	5MW
<b>TOTAL</b>	<b>1.105GW</b>

### 3. Major Difficulties :

- a. Budget , we need a big amount of money to re-construct our country infrastructure, which destroyed because of the above mentioned reasons.
- b. Security condition of the country.
- c. Abnormal routine , because of the classical administrative system and autocracy.
- d. Absence of a required plan as a result of the above points.

### 4 . Subjects which I like:

Renewable energy sources, to develop my country economy regarding the environmental issues and my citizens be in a most comfortable condition.