



**REPUBLIC OF UZBEKISTAN**

**ENERGY POLICY**

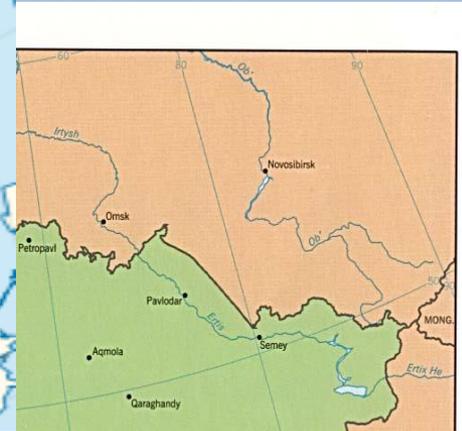
**Ministry of Economy of Uzbekistan**

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# UZBEKISTAN: General Information

## LOCATION



# PASSPORT OF COUNTRY

**Population: 32,0 mln. people**

**Capital – Tashkent**

**Large cities – Samarkand, Bukhara, Fergana, Urganch**

**Ethnic groups:**

**Uzbek 80%, Russian 5.5%, Tajik 5%, Kazakh 3%, other 2.5%.**

**Language – Uzbek**

**Religions:**

**Muslim 88% (mostly Sunnis), Eastern Orthodox 9%, other 3%**

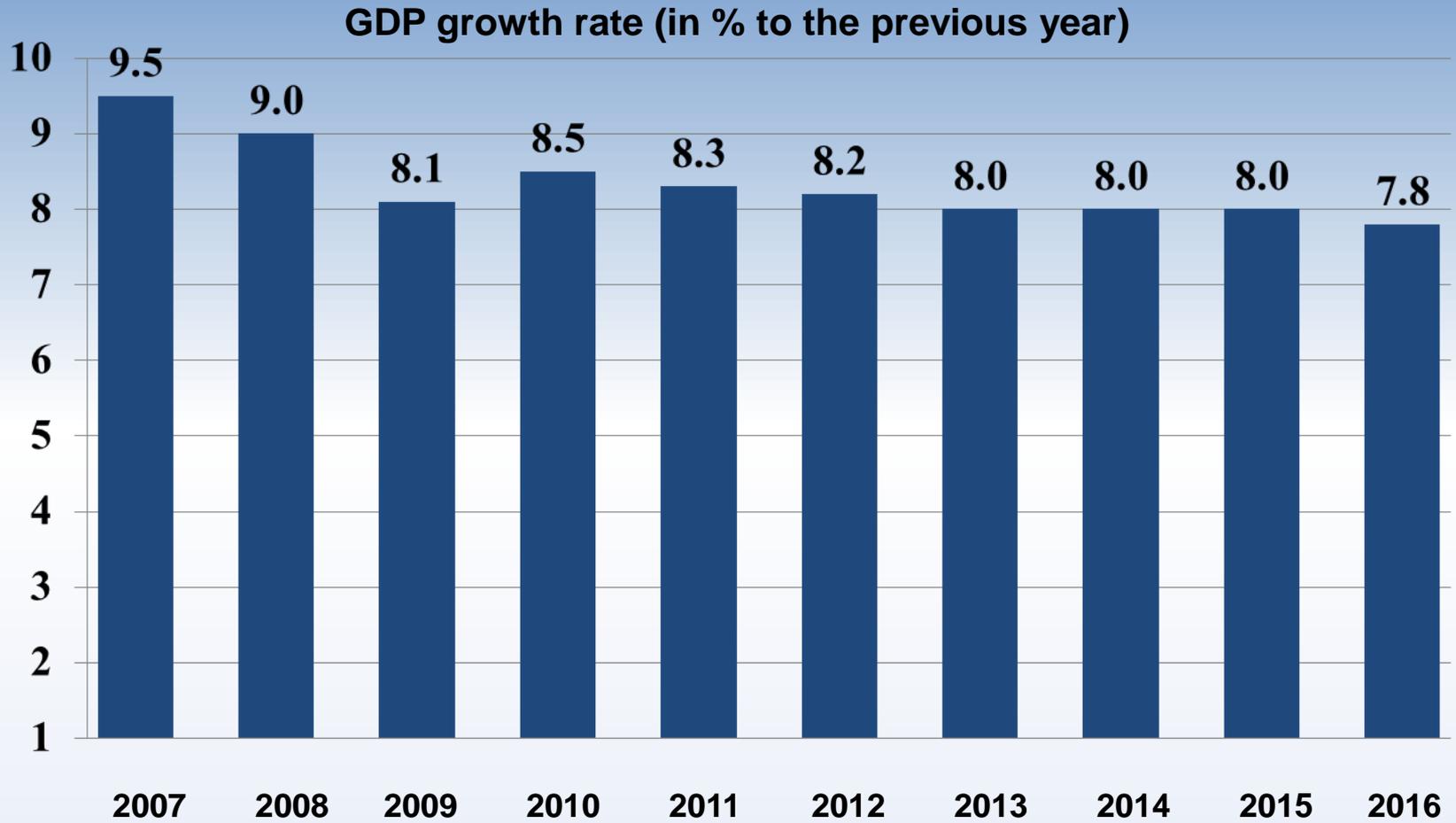
**Government type: Republic, Head of the state - President**

**Currency: Uzbekistan som**

**Area: 447.8 thous.sq.km**



# General Information



Sustained high rates of economic growth (7-10% per annum on average)

# Current energy policy

- Forcing the energy efficiency policy
- Development of technology based on ecologically friendly energy;
- Energy efficiency as a part of national forecasts;
- Priority to the development of RES.
- Growth of energy resources' commercial export

# Power energy demand and supply

billion.kWh



Joint stock company "**Uzbekenergo**" is the governing body in the power energy and coal industries - the major structural components of the economy.

The company includes 54 enterprises and organizations.

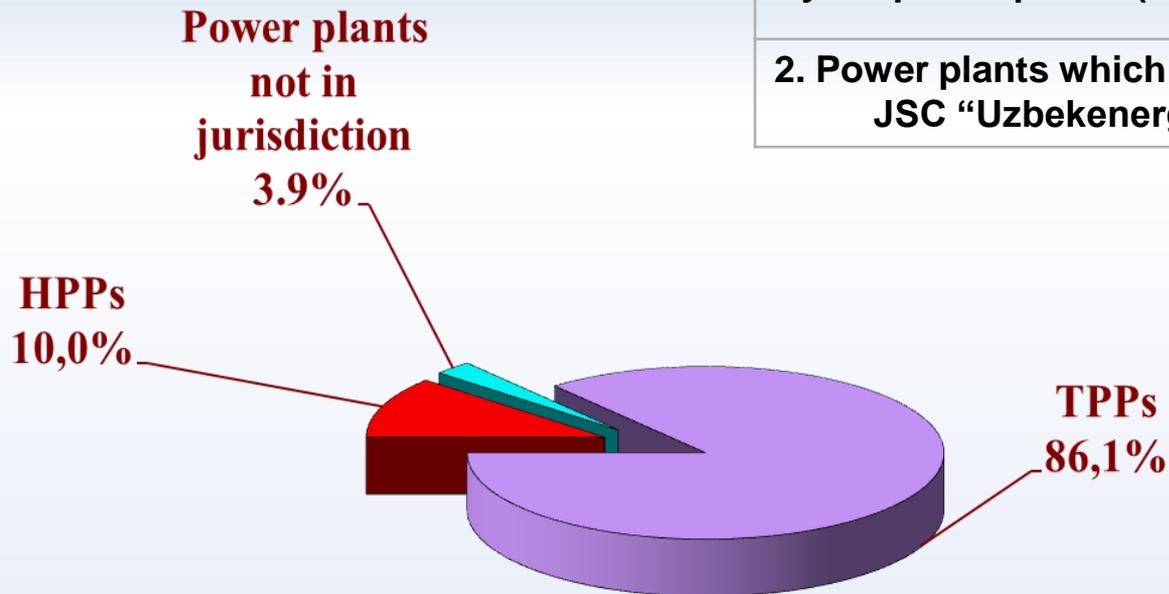
The installed capacity of power plants of "Uzbekenergo" is 13.9 million kW.

The Thermal Power Plants of total capacity about 12.5 mln. kW is the base of the Power System of Uzbekistan. The power units of capacity from 150 to 800 MW each are set up at 5 big Thermal Power Plants

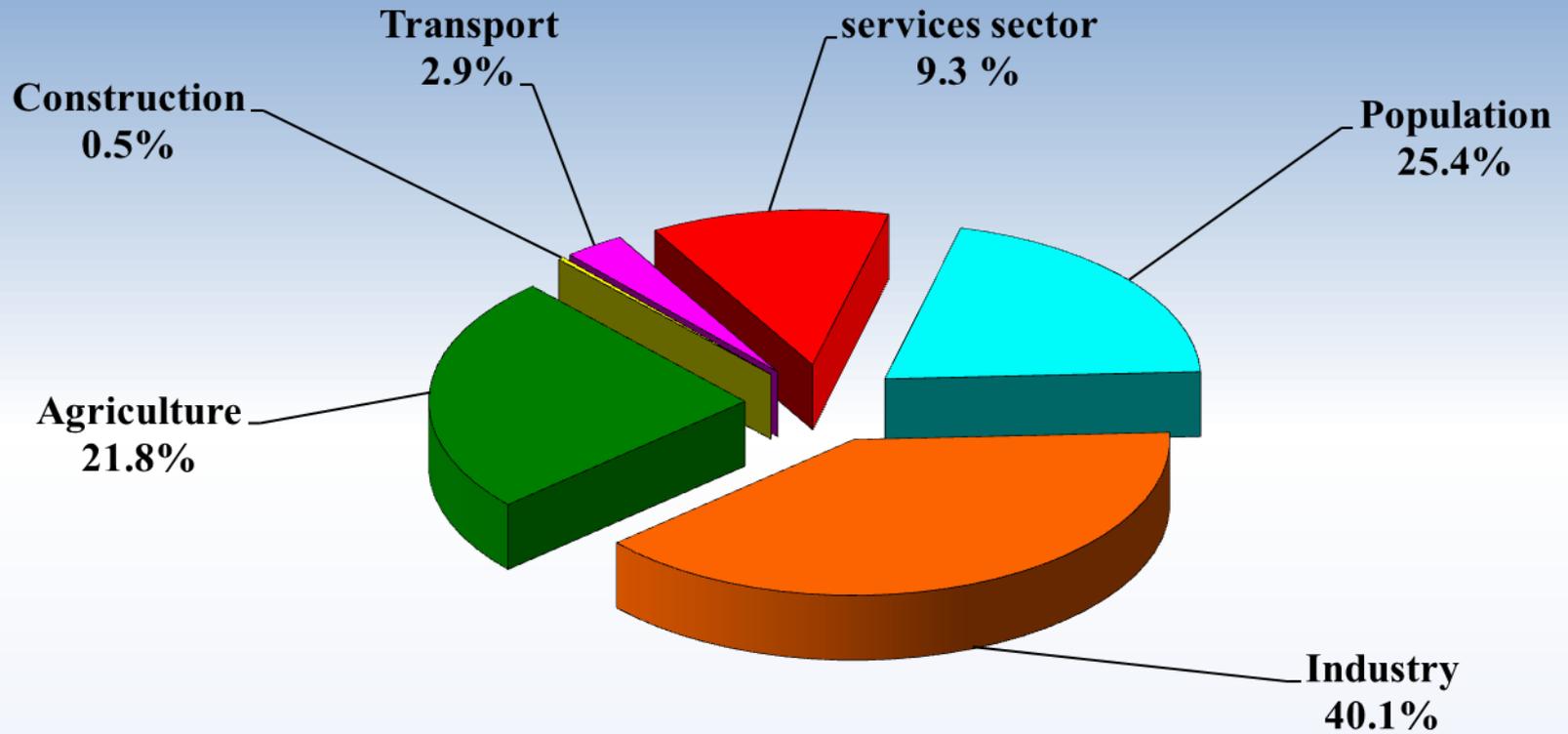
These are such a big Thermal Power Plants as Talimardjan, Syr-darya, Novo-Angren, Tashkent and Navoiy TPP's generating over 85% of electric power.

# Structure of Installed Capacities of Power Plants in Uzbekistan

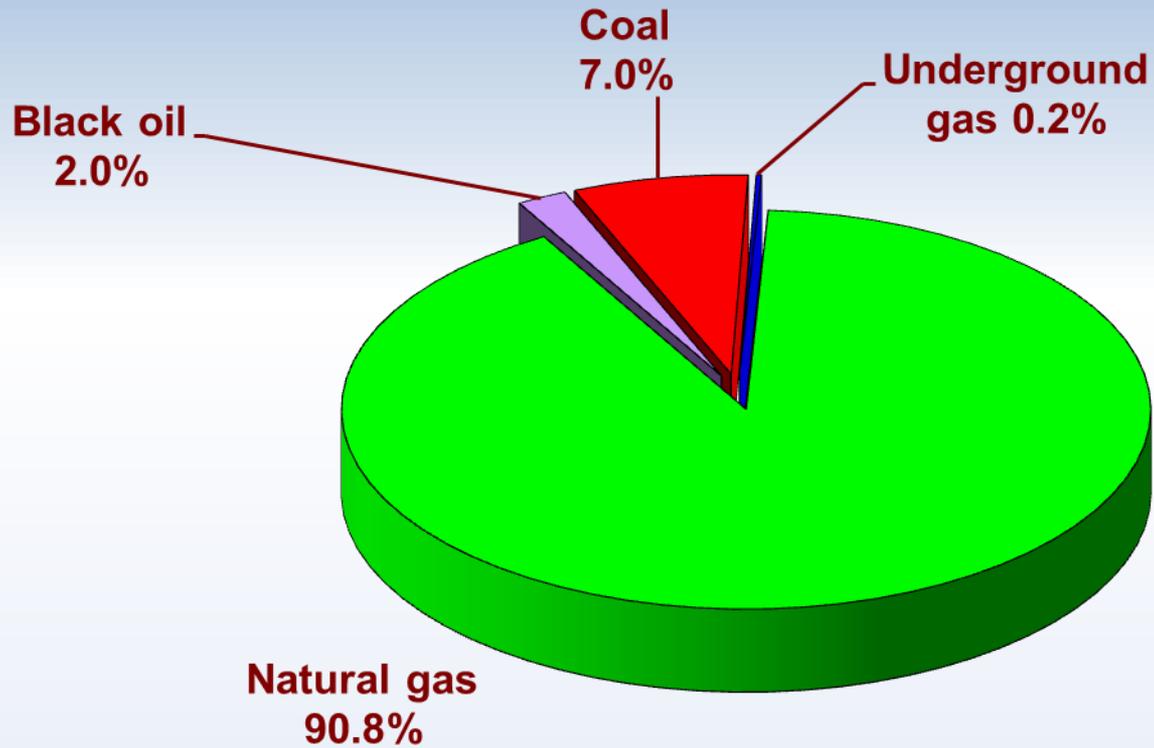
The installed capacities of power plants in Uzbekistan (MW), total including:	14,511.5
1. JSC "Uzbekenergo" including:	13,938.2
Thermal power plants (TPP)	12,499.0
Hydro power plants (HPP)	1,439.2
2. Power plants which are not in jurisdiction of JSC "Uzbekenergo"	572.3



# Electrical Energy Consumption by Economic Sectors and Population

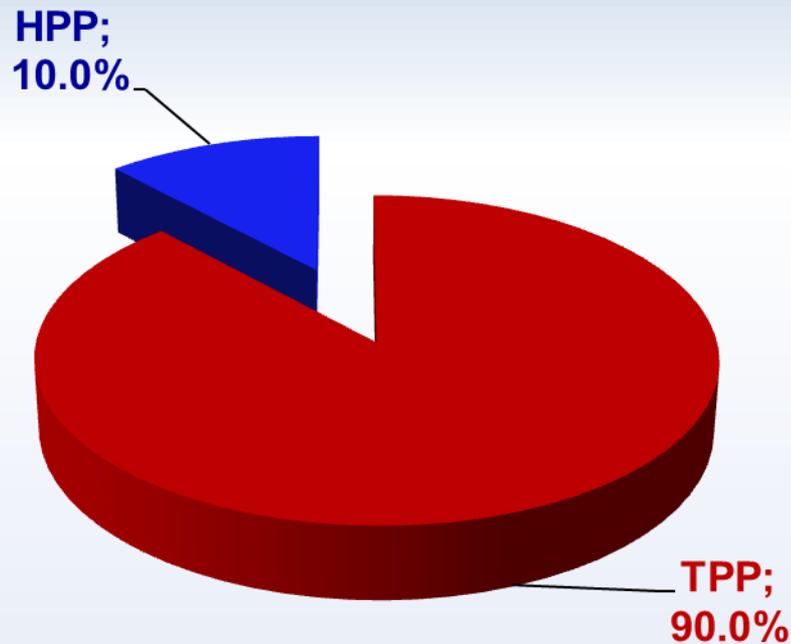


# Structure of Fuel Consumption by Thermal Power Plants

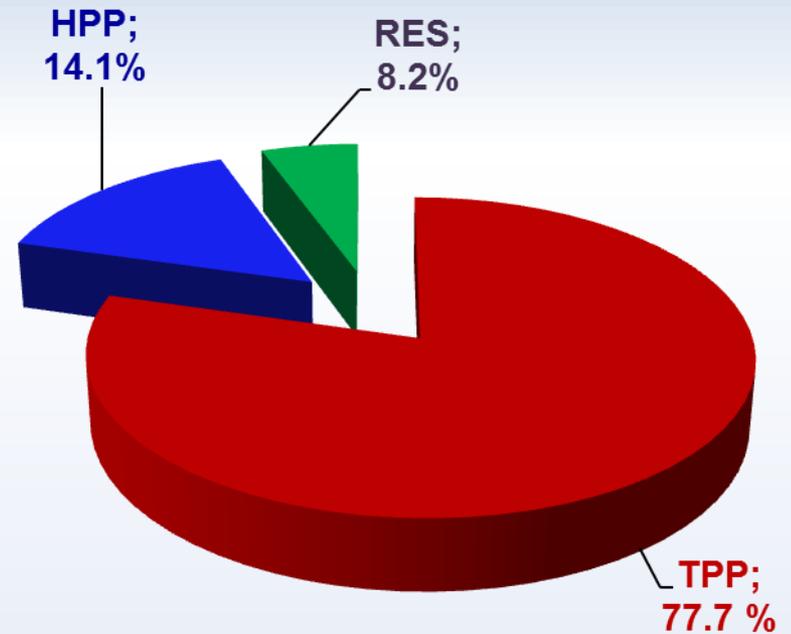


# Outlook of changing the structure of power energy capacities up to 2030<sup>th</sup> y.

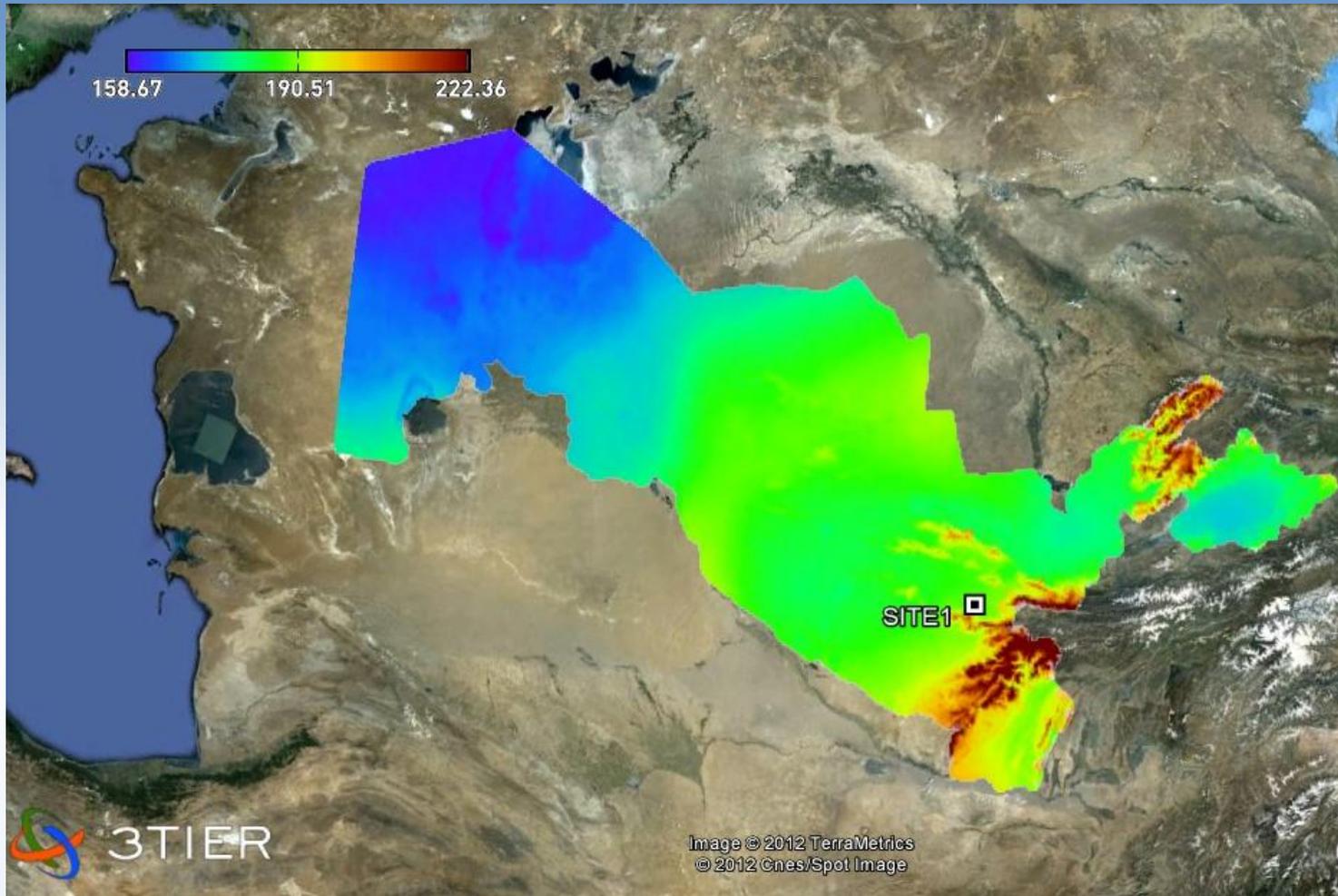
**2016 Y.**  
**58.9 BILLION KWH**



**2030 Y.**  
**105.0 BILLION KWH**



## The Intensity of Solar radiation



**The gross potential of solar radiation in the Republic of Uzbekistan is estimated to be in the range from 525 billion kWh up to 760 billion kWh**

**THANK YOU FOR  
ATTENTION!**