



## District heating market in Bulgaria





# Current market situation

District Heating 2011 r.	Installed power MW		Energy produced GWh		Number of AC
	heating	electric	heating	electric	
Sofia	3953	261	5118	1056	16939
Plovdiv	524	105	348	112	1246
Ruse	664	400	274	388	739
Pleven	465	46	343	182	1295
Bourgas	390	18	217	128	913
Vratsa	75	6	126	47	420
Pernik	268	105	283	325	737
Varna	45	9	93	62	305
Sliven	232	30	197	173	347
V. Tarnovo	35	2.8	46	2.2	146
Razgrad	44	3	42.3	20.3	171
Gabrovo					138
<b>DH Total</b>	<b>6695</b>	<b>985</b>	<b>7087</b>	<b>2495</b>	<b>23396</b>



# Market Situation

District Heating 2011 r.	Clients- consumption		Households numbers	Clients %	Profit Mln. leva.
	households %	others %	heating	% for DH	
Sofia	92	8	391000	71.48	510.0
Plovdiv	72	28	31529	5.76	50.0
Ruse	62	38	17324	3.17	60.2
Pleven	67	33	28677	5.24	78.0
Bourgas	78	22	18597	3.40	35.2
Vratsa	70	30	10954	2.00	17.6
Pernik	82	18	19540	3.57	50.0
Varna	76	24	8900	1.63	16.6
Sliven	45	55	9483	1.73	26.5
V. Tarnovo	65	35	3500	0.64	6.5
Razgrad	78	22	3528	0.64	4.4
Gabrovo	69	31	3980	0.73	4.0
<b>DH Total</b>	<b>90</b>	<b>10</b>	<b>547012</b>	<b>100.00</b>	<b>859.0</b>



## General information

- Percentage of consumer using DH in Bulgaria is 19%
- The heat produced by DH is equal to the electric energy produced by one block of nuclear power plant

# CHALLENGES/OPPORTUNITIES

- **Opportunities:**
  - Cost reduction for the production of unit heat
  - Increasing the efficiency to end-user
  - Increasing the quality of heat
  - More measures to be taken against not loyal consumers



# Sources of Information

- Data has been taken from :
- National Statistical Institute
- Ministry of Economy and Energy
- The District Heating Association

