Heat metering and billing in DH Chișinău, Rep of Moldova

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Company activities

The main country producer of electricity in cogeneration and main producer/supplier of thermal energy in Chisinau.

We deliver annually about 1,300 thousand Gcal of thermal energy for heating and domestic hot water, in over 5000 buildings. About 75% of the delivered thermal energy is produced in cogeneration.

We deliver annually about 650 million kWh of electricity or about 15% of the total consumption of country.

We consume annually about 35% of the total volume of natural gas consumed in the Republic of Moldova.
Infrastructure

- Over 1300 km of pipes
- 18 Pumping stations
- Over 900 Individual Heating Substations (IHS)
- 2 CHP’s
- 2 HOB’s
- 19 remoted HOB’s
- and 326 District Heating Substations

Over 1300 km of pipes
Heat consumers

- 145 kindergartens with 35,000 children
- 89 Higher education institutions with 55,000 students
- 800 Enterprises
- 162 schools with 75,000 pupils
- 2860 residential buildings with 210,000 apartments over 500,000 beneficiaries
- 71 Medical institutions
The acquisition, servicing and legal metrological verification are performed:

- For **household consumers** – at the expense of the heat delivery enterprise;
- For **non–household consumers** – at the expense of consumers.

<table>
<thead>
<tr>
<th>DN</th>
<th>Household consumers (buc.)</th>
<th>Non-household consumers (buc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Connections of residential buildings</td>
<td>Connections of apartments</td>
</tr>
<tr>
<td>15</td>
<td>367</td>
<td>3012</td>
</tr>
<tr>
<td>20</td>
<td>1750</td>
<td>115</td>
</tr>
<tr>
<td>25</td>
<td>1404</td>
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</tr>
<tr>
<td>32</td>
<td>2</td>
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</tr>
<tr>
<td>40</td>
<td>610</td>
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</tr>
<tr>
<td>50</td>
<td>149</td>
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</tr>
<tr>
<td>65</td>
<td>43</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>1</td>
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</tr>
<tr>
<td>100</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>150</td>
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<td></td>
</tr>
<tr>
<td>Total</td>
<td>4326</td>
<td>3127</td>
</tr>
</tbody>
</table>

Total thermal energy meters-8564 pcs.
Heat metering solution

The connection of the consumers is made by:

- **DHI** - data on thermal energy consumption are automatically transmitted remotely and are used for billing;
- **Elevator node** – data on thermal energy consumption are collected by the company's employees and are used for billing.
Contați pe energia noastră!

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