Energy Efficiency Obligation in Austria

Johannes Jungbauer & Manuel Sommer
Wien Energie GmbH
We are Austria’s largest energy service provider

- Approx. 1.4 Million Electricity Customers
- Approx. 669,000 Natural Gas Customers
- Approx. 350,000 District Heating Customers

Turnover of approx. EUR 1.8 billion
Annual Investments of approx. EUR 200 million
2,730 Employees
ENERGY EFFICIENCY LAW IN AUSTRIA

Targets

Business as usual
-151 PJ
-159 PJ

Strategic Measures
Energy Efficiency Obligation

1.050 Petajoule

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Main Corner Stones

Energy suppliers > 25GWh
- Energy Efficiency Obligation of 0.6% of energy sales of previous year

Public entities
- Initiate Strategic Measures

Large enterprises
- Energy audit or Management systems

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ENERGY SAVING OBLIGATION IN AUSTRIA

Main Features

- Since 1 January 2015 energy suppliers are required to initiate energy efficiency measures at end customers to the extent of 0.6% of their last year's energy sales

- Alternatively compensation / penalty of 20 Cent/kWh

- Reporting to the monitoring agency on 14 February of the following year

- Verification by the monitoring body / fixing the level of creditability ex post (for individual measures)
Distinction between "standard measures" & “individual measures“
- Standard measure: According to valid methods document
- Individual measure: confirmed by an auditor

Saving-duration of measure until at least the end of 2020 (otherwise only aliquot)

40 % of measures in households & measures at low-income households are to be multiplied by 1,5

Banking to subsequent years is allowed for energy suppliers & retransmission of measures is possible (up to 4 times)
CHALLENGES IN THE IMPLEMENTATION

- Monitoring agency (Coordination und Informations) was officially announced only on 30 April 2015
- Methods document only published on 30 November 2015
- No consideration of supported measures
  - Environmental support
  - Refurbishment check of Republic of Austria
  - Housing Promotion of Federal States
- Market for Energy Efficiency Measures not established
The following obligations are relevant for Wien Energie:

- **annual saving obligation of 0.6% of last years energy sale**
- **Implementation of an information center for energy efficiency and low-income households**
- **as a large-scale company to carry out an external audit or implement an Energy Management System**

**max. Impact:** about EUR 21 Mio.
Competence Center Energy Efficiency

Fulfilling the legal obligations of the Energy Efficiency Law

- Team of Experts as central contact point within the Wiener Stadtwerke Holding AG
- Consistent and professional handling of the legal obligations

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§ 10 Obligation
Initiation of Energy Efficiency Measures

Develop a Strategy to gain Energy Efficiency Measures:

I. Gain EE-Measures through customer projects
II. Identify and initiate WE-internal EE-Measures
III. Purchase EE-Measures set by WE-customers
IV. Gain EE-Measures through cooperation agreements
V. Buy Energy Efficiency Measures on trading platforms
§ 10 Obligation - Cooperations

Wien Energie GmbH

- **District Heating**: ~ 40 GWh
- **Cleen Energy**: ~ 20 GWh
- **Hydroelectric Power Station**: ~ 13 GWh

Wien Energie Vertrieb GmbH & Co KG

- **City of Vienna**
  - ~ 10 GWh without subsidies | ~ 97 GWh subsidized EE-Measures
- **Spar 1 + 1 campaign & change lighting in stores to LED**
  - ~ 1 GWh | ~ 11 GWh
- **EE-Measures from Wiener Stadtwerke Group**
  - WL ~ 26 GWh; B&F ~ 0.8 GWh
- **Energy Saving Set for MA 40 (social services)**
  - ~ 30 GWh

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Affiliated Group

Implementation of an affiliated group according to the Energy Efficiency Law for the commitment period 2016

- December 2015 → Affiliated Group approved

**Economic Benefit**

Reduction of saving obligation: energy supplies within the Wiener Stadtwerke Holding are not considered as sales to end customers

- Reduction of saving obligation: about 3.6 GWh → equals a „Cash-Out“ of about € 180,000.- to € 720,000.-

- Check of legal aspects through internal and external site

Reporting to the monitoring agency on Feb. 12th 2016
THANKS FOR YOUR ATTENTION