

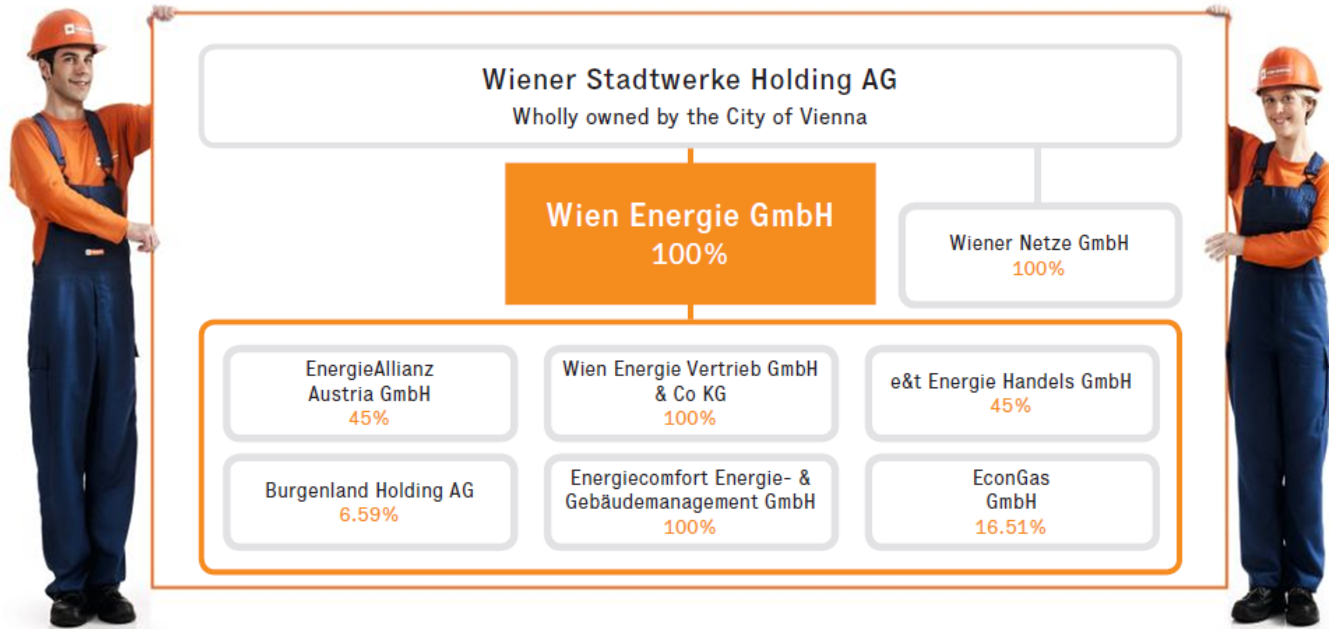
**VON WIENERGIEBÜNDELN
FÜR WIENERGIEBÜNDEL:**

ENERGY EFFICIENCY OBLIGATION IN AUSTRIA

**JOHANNES JUNGBAUER & MANUEL SOMMER
WIEN ENERGIE GMBH**



WIEN ENERGIE OWNERSHIP STRUCTURE & KEY FIGURES



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**

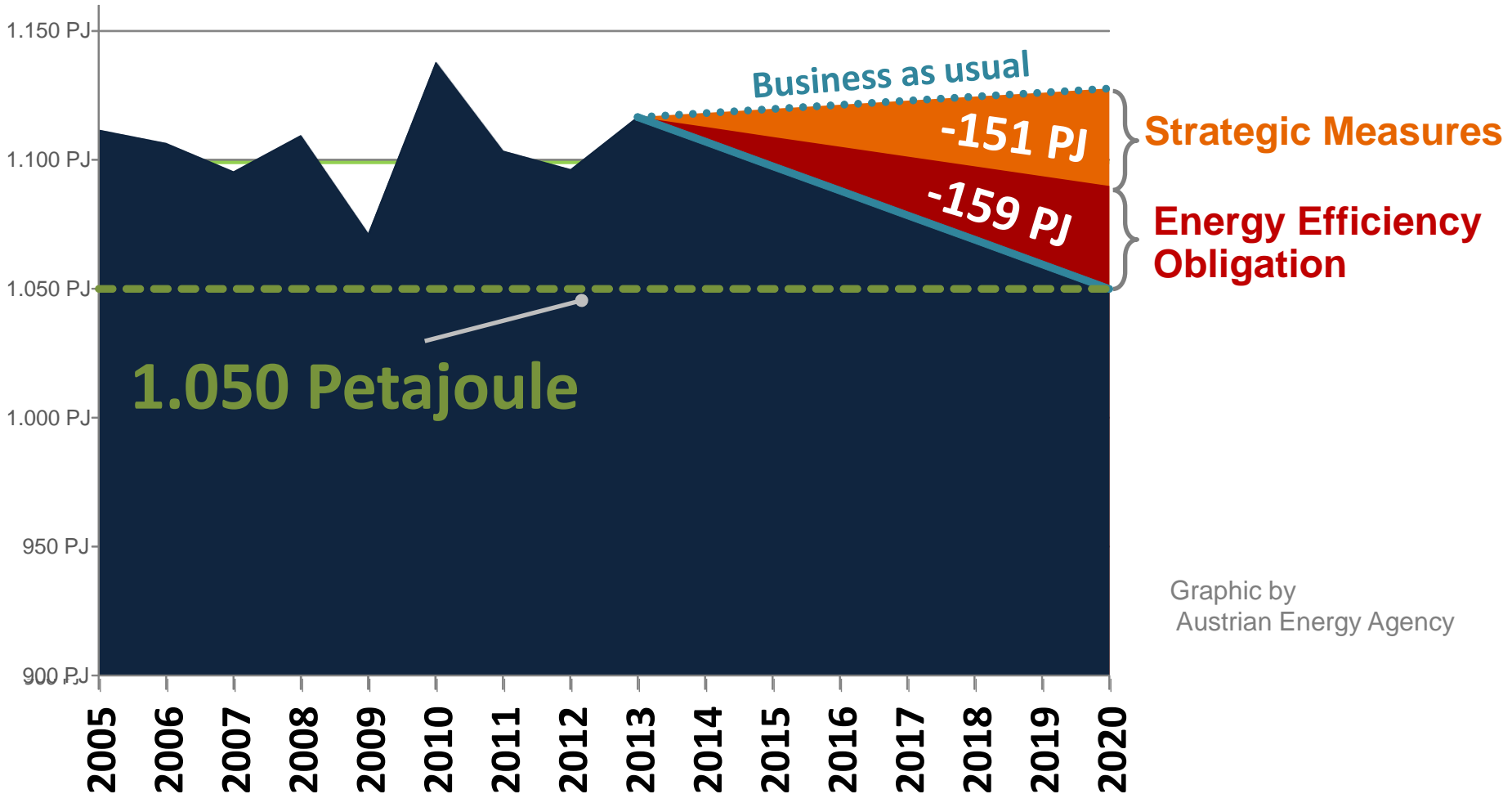
Turnover of approx. EUR 1,8 billion

Annual Investments of approx. EUR 200 million

2,730 Employees

ENERGY EFFICIENCY LAW IN AUSTRIA

Targets



Graphic by
Austrian Energy Agency

ENERGY EFFICIENCY LAW IN AUSTRIA

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

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)

ACCOUNTING OF ENERGY EFFICIENCY 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

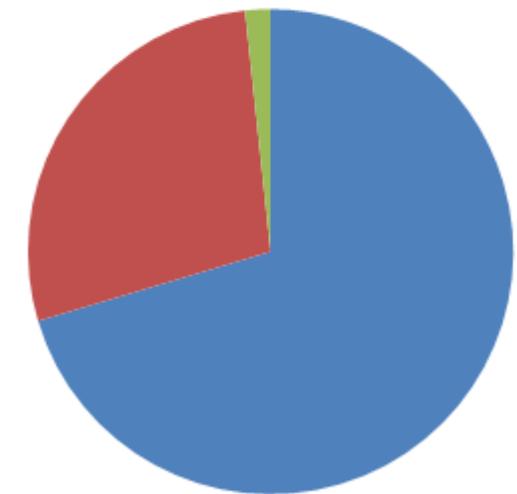
Energy Efficiency Law: Consequences for Wien Energie

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.

Saving Obligation WStW
[about 107 GWh]



■ WE Vertrieb ■ WE GmbH ■ EC

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



§ 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



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**

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