Eesti Energia Leading Energy Company

- 100% shares owned by Estonian Government
- EE is the largest employer in Estonia with approx. 9,000 employees in 2007

ENRICHED INNOVATION LEADERS

Eesti Energia is a world leader in shale oil production.

- 58% of its energy output comes from oil shale

Approx. 14 million tons 441 million tons

- Reserves:
  - 2006: 1.900–2,600 kcal (8–11 MJ/kg)
  - 2007: 1.900–2,600 kcal (8–11 MJ/kg)
  - 2008: 1.900–2,600 kcal (8–11 MJ/kg)

- 130% of the Estonian energy balance
- Energy production
  - 0.2 million tons of oil shale is used annually
  - 320,000 T/Y (1.5 million bbl/year)
  - 2,603 MWe / 1,081 MWth
- Oil shale mining is the basis of our activities.

Oil shale mining is a key part of our activities.

- Hal of the oil shale production comes from 2 open-pit mines and half from underground mines.

We have high expectations in Estonia and internationally − more efficient power generation, increases in shale oil production and quality, and technology improvements.

- 2 underground mines are currently operational
- 2 open-pit mines are currently operational

- In total more than 550 TWh electricity has been produced from oil shale

OIL SHALE − Unlocking the potential of a unique energy resource

Minned shale oil is a unique energy resource.

- The recoverable oil shale resource is currently 441 million tons in Estonia
- Estonian oil shale is approx. 450 million years old
- The mined area is 425 km²
- The Estonian oil shale basin – about 3000 km²

The Process

- 35 Nm³ of retort gas
- 125 kg of shale oil
- 850 kWh of electricity or 1 million tons of oil shale is used annually

ENVIROMENTAL ADVANTAGES

Through all of its operations from mining to power and oil production, we strive to impose environmental standards to the highest level in the world.

- 10% of the largest footprints to the Baltic Sea
- 10% of the largest footprints to the Baltic Sea

OIL SHALE − Unlocking the potential of a unique energy resource

MINING

World’s Largest Oil Shale Mines

Oil shale mining is a key part of our activities.

- 500,000 customers
- 9,510 employees
- 34
- 196
- 195

- Based on the 1,500 largest European and US companies in Bitumen, Lubricants, U.S.

Eesti Energia Facts:

- EUR was established in 1909
- EE is the largest employer in Estonia with approx. 9,000 employees in 2007
- EE uses the biggest oil shale fuelled power plants in the world, producing more than 80% of Estonia’s electricity from oil shale
- EE uses the only commercial scale shale oil production plant in the world successfully using the TSK process for oil shale and cogeneration

- OIL SHALE − Unlocking the potential of a unique energy resource

We do everything in the oil

Lead the Energy Company

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