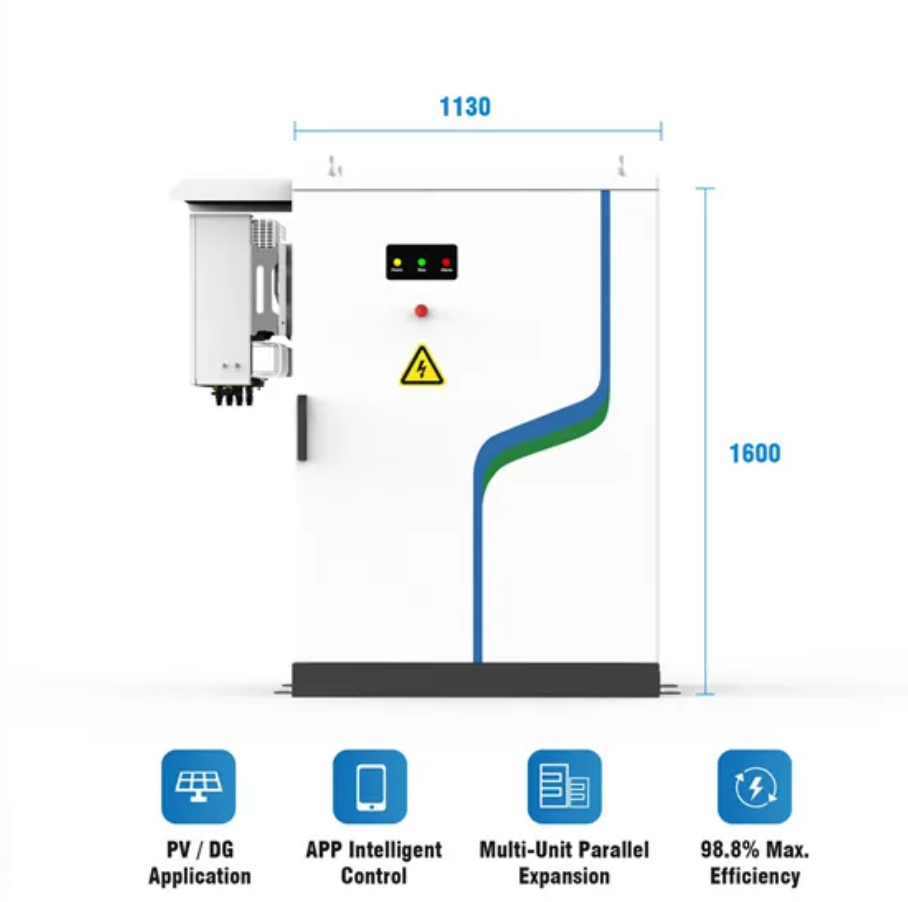


# Estonian Outdoor Power Entity





## Overview

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Does Estonia have a power generation capacity?

The power generation capacity in Estonia is sufficient to cover Estonia's electricity needs in the event of a simultaneous failure of Estonia's largest power generation plant and the most powerful external connection.

Why is Estonia a hub of electricity?

Estonia's grid is an important hub as it is connected to Finland in the north, Russia in the east, Latvia and Lithuania in the south. Electricity is traded on the Nordic power market Nord Pool. In 2014–2016, yearly net imports from Finland were equal to 31–67% of consumption.

What is the largest power plant in Estonia?

The largest power complex in the country, Narva Power Plants, consists of the world's two largest oil shale -fired thermal power plants. The complex used to generate about 95% of total power production in Estonia in 2007. Falling to 86% in 2016 and 73% in 2018.

What percentage of Estonia's electricity is generated from oil shale?

In 2018, oil shale constituted approximately 80% of Estonia's electricity consumption. By 2021, this figure had declined to 49%, reflecting a significant decrease in oil shale utilization for electricity generation.

How much energy does Estonia use?

Estonia's all-time peak consumption is 1591 MW (in 2021). In 2021 the electricity generated from renewable energy sources was 29.3 %, being 38% of the share of renewable energy in gross final energy consumption. Oil-based fuels, including oil shale and fuel oils, accounted for about 80% of domestic production in 2016.

How much wind power does Estonia have?



Total installed wind power was 149 MW at end of 2010 and grew to 303 MW in 2014 and 329 MW in 2016. Record production of wind parks is 279 MW in 2014. Estonia has target of 14% (1.5 TWh) and total renewable electricity 1.9 TWh (17.6%). According to the national Energy Action Plan (2020) planned shares are onshore 9% and offshore 5%.



## Estonian Outdoor Power Entity

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### Outdoor Power Panel In Estonia

Outdoor Power Panel Manufacturers In Estonia  
Being one of the best Outdoor Power Panel Manufacturers in Estonia, we have used superior quality raw materials while manufacturing ...

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### Energy in Estonia

It aims to enhance energy security and the stability of the power network, particularly in anticipation of Estonia's planned disconnection from the Russian energy system. The plant is ...

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### Electricity sector in Estonia

Estonia's grid is an important hub as it is connected to Finland in the north, Russia in the east, Latvia and Lithuania in the south. Electricity is traded on the Nordic power market Nord Pool.

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### Estonia: Energy Country Profile

Estonia: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page ...

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### Company registry in Estonia

Company Registry Estonia has a public registry available and does not require any kind of subscription or paid plan to access the information. Click the link below and you will be ...

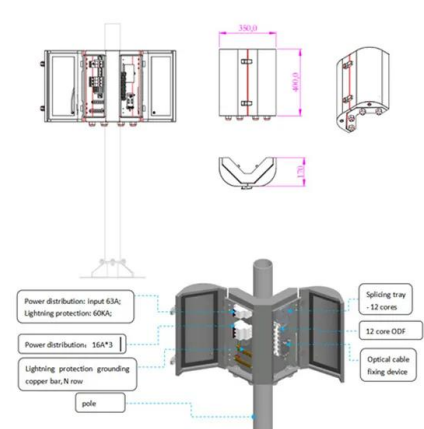
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### Eesti Energia to separate reserve power plants and liquid fuels

Starting April 1, 2025, this subsidiary will include the Eesti and Balti power plants, and as of January 1, 2026, the Auvere Power Plant as well. Assets and processes related to ...

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### [Top 38 Energy Companies in Estonia \(2025\).ensun](#)

The company emphasizes renewable energy applications, particularly solar power plants and stations, and is committed to delivering tailored solar solutions that meet the energy needs of ...

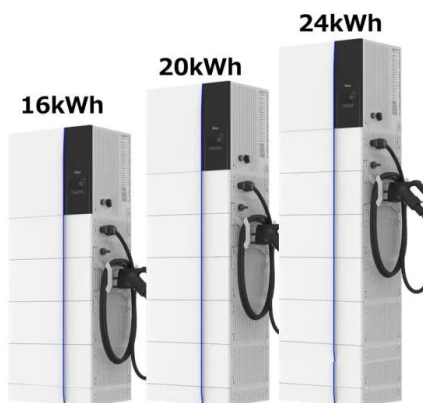
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## Energy Sector Development Plan

The power generation capacity in Estonia is sufficient to cover Estonia's electricity needs in the event of a simultaneous failure of Estonia's largest power generation plant and ...

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## The Electric Power System

Grid facts and characteristics The electricity grid in Estonia is generally divided into transmission grid (110 kV-330 kV) and distribution grid (0,4 kV-35 kV) Structure of electrical power system

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