

New Energy for Norwegian Communications Sites



Overview

Telecom networks and other critical communication infrastructure in Norway, Denmark and Iceland could get their back-up power from hydrogen fuel cells as part of a new deal between Ballard Power Systems and power conversion company Eltek Nordic. Motorola Solutions has been awarded a five-year contract by the Norwegian Directorate for Civil Protection (DSB), starting at the beginning of 2027, to continue to manage Norway's nationwide critical communications network, Nødnett, which is relied upon by over 60,000 first responders every day. During the past 10 years, the establishment of terrestrial as well as subsea fibre cables, both within and outside of Norway, as well as the growth of the data centre industry have led to an enormous strengthening of Norway's digital infrastructure. The main industry organisation is Norwegian Data. The latest forecast for Norway's energy transition. Get detailed analysis of how growing electrification demand outpaces new power capacity, the effect of rising power demand from data centers, the decline of oil and gas exports, and whether Norway is on track to reach its emissions reductions. The Government has high ambitions for the climate impact of data centres in Norway and for the industry's contribution to meeting climate targets. As providers of extensive fibre broadband networks.



Article Content

The data centre industry

Source: The Norwegian Communications Authority (2025) Fotavtrykket fra norsk digital infrastruktur 2024 [The footprint of Norwegian digital infrastructure 2024. Available in Norwegian only] Data centre

Emerging technologies in the Nordic energy sector's

From advanced storage solutions to nuclear innovation, learn how technological breakthroughs are paving the way for a more flexible, efficient and

Norway's Energy Transition: Report

Norway can maintain its significant market share in energy supply to Europe, but through a new export mix of electricity alongside hydrogen (initially blue and then green) and ammonia as

Motorola wins contract for Norwegian critical communications

Motorola Solutions has been awarded a five-year contract by the Norwegian Directorate for Civil Protection (DSB), starting at the beginning of 2027, to continue to manage Norway's

Nordic data centres to support power demand growth

Nordic data centre power consumption is expected to grow rapidly over the next decade, and Norway's government and transmission system operator (TSO) Statnett remain committed to a "technology

Digital infrastructure | Invest in Norway | Business Norway

On 1 January 2025, Norway introduced a new regulation for data centres, requiring operators to register with the Norwegian Communications Authority (Nkom).

ExxonMobil to sell Norwegian upstream assets to Vår Energi for \$4.5bn

ExxonMobil has agreed to offload its non-operated upstream assets in Norway, comprising more than 20 producing fields, to Vår Energi for \$4.5bn (£3.65bn).

Internet in Norway – Annual Report 2024

Overall status of internet in Norway Nkom's report "Internet in Norway" presents the annual reporting on net neutrality, which is a statutory task based on the Open Internet Regulation. The report is also an

UK and Norway work together on new clean energy

Part of a wider UK-Norway strategic partnership This new energy agreement builds on decades of collaboration between the UK and Norway in the

Grid Communication Technologies

Executive Summary In today's rapidly changing energy landscape, achieving a more carbon-free grid will rely upon the efficient coordination of numerous distributed energy resources (DERs) such as

Energy Transition Outlook Norway 2025

Get detailed analysis of how growing electrification demand outpaces new power capacity, the effect of rising power demand from data centers, the decline of oil and gas exports, and whether Norway is on

Norwegian SciTech News

Research news written for the general public about technology, energy and environment, science, fish and aquaculture, innovation, health, the social

Nordic communication networks could be powered by hydrogen fuel cells

Telecom networks and other critical communication infrastructure in Norway, Denmark and Iceland could get their back-up power from hydrogen fuel cells as part of a new deal between

5 - Energy transition opens new opportunities

5 - Energy transition opens new opportunities The NCS is well positioned to meet the energy transition. At the same time, opportunities are being opened to

Norway's Clean Energy Ambitions Based On

The Norwegian energy minister Terje Aasland, during the yearly licensing round to distribute licenses for oil explorations which granted 65 new

New Contract Extends Norway's Nødnett TETRA Radio Network into

Motorola Solutions secures 5-year deal to manage Norway's Nødnett network, serving 60,000 first responders with critical communications across challenging terrain.

Norway | HHWE

2050 net-zero target: Norway aims to achieve carbon neutrality by 2050, with renewable energy playing a central role in decarbonizing its energy system. Wind

Norway's "Energy Transition" Explained

A leader in green energy technologies, or a hypocritical nation that still makes its money from oil and gas? Norway says it is in an "energy transition",

Norway's Hedged Bet on Europe's Energy Future: A

On the edge of a fjord on Norway's rocky west coast is a massive, almost sculptural structure that represents a multibillion-dollar bet on the

Mobile charging: how this Norwegian company powers

Mobile charging: how this Norwegian company powers zero-emission construction sites One charging station for two inhabitants, one fast charger for

UK and Norway join forces to seize green industrial opportunities

The UK and Norway are set to launch a new Green Industrial Partnership today (16 December) to combine their world-leading capabilities on clean energy, drive economic growth and

Norway Extends Nødnett Radio Network Contract With

Norway's Directorate for Civil Protection, or DSB, has awarded Motorola Solutions a five-year contract to continue managing Nødnett, the

Electricity production

At the beginning of 2025, Norway's power supply had an installed production capacity of 40 334 MW, with an estimated normal annual production of around

Norway, facing an energy crunch, hunts for new solutions

Norway's money and hydropower have insulated it from the world's energy pressures – until now. The way it solves these challenges could set a global example.

ENERGY TRANSITION NORWAY 2023

FOREWORD The 2023 edition of the Energy Transition Norway 2050 reconfirms that Norway is not on track to meet Paris Agreement targets for reducing greenhouse gas emissions. Despite cross

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