

Nord Pool Spot's FTP server - directories and contents

Updated December 09, 2011

This document lists the various types of information available for downloading from **Nord Pool Spot's** ftp server. Access to the ftp server is by subscription and/or by a special agreement. All participants trading at the Physical Nordic Power Exchange have ftp access.

The contents of the ftp server are listed according to the structure of the server's file directory. Most of the files are available in both .xls (Excel spreadsheet) and .sdv formats (Text format).

The year/date designation for recorded data is generally part of the file name, according to the convention: ww = week, yy = year, mm = month, dd = day.

Data for previous years are found in own "Years" subfolders; yyyy = year.

All catalogues have English names and have been organized in folders together with interrelated files. The files have English and Norwegian names.

If you have any questions regarding this outline, please contact **Nord Pool Spot's** Power Data Services department at pds@npspot.com.

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FTP SUBSCRIPTION AREAS

THE PHYSICAL MARKET AREA

The Physical Market Area on the FTP-server includes access to the following catalogues including sub catalogues:

Elbas
Elsport
Information

THE OPERATING DATA AREA

The Operating Data Area on the FTP-server access to the following catalogues including sub catalogues:

Operating_data
Regulating_power_market
UMM
Information

SEPARATE AGREEMENT CATALOGUES

To access the following catalogues all FTP-users need a separate agreement with Nord Pool Spots Power Data Services department, pds@npspot.com.

Newspaper
Reports

ELBAS

Elbas_capacity

Elbas\Elbas_capacity

icapyyww.sdv	Elbas initial capacity per connection with time stamp for when it was updated. The file is updated daily when the Elbas capacities are confirmed by the TSO's usually before 15:00 CET.
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Elbas_flow

Elbas\Elbas_flow

ifloyyww.sdv	Elbas scheduled flow per connection. The file is updated twice per hour 24/7.
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Elbas_ticker_data

Elbas\Elbas_ticker_data

elbas_ticker_report_yymmdd.csv	Trade time, Product Code, Price, Quantity, Buy Area and Sale Area are specified. The file is updated daily for the previous day.
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Quotation

Elbas\Quotation

ebyyyymmdd.sdv	Prices and turnover in EUR/MWh and volume in MWh/h Sweden and Finland available from March 1999 . Denmark East available from August 2004 . Germany available from September 2006 . Denmark West available from April 2007 . Norway available from March 2009 . Prior to 6 September 2001, prices are in SEK and FIM. The file is updated daily (for the following Elbas delivery day).
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Total_scheduled_flow

Elbas\ Total_scheduled_flow

tfloyyww.sdv	Elspot flow plus Elbas flow per connection. The file is updated twice per hour 24/7.
---------------------	--

ELSPOT

Bus_bar_connections

\Elspot\Bus_bar_connections\yyyy

knukoder.xls	Busbar connections, voltages, and ID numbers, with codes, and countries for the Nordic electricity market.
kpnoyyww.sdv	Busbar connections related to price area definitions, by week. Hourly Elspot and Regulating Power Market prices. The file should be used with the "pono" file to obtain specific busbar connection prices. The "pono" files are available under catalogue \Operating_data\Norway

Elspot_capacity

\Elspot\Elspot_capacity\yyyy

scapyyww.xls scapyyww.sdv	Files showing transmission capacities per hour in MWh/h between the different Elspot bidding areas. Files are updated daily before Elspot bidding, generally 10:45 and then after final price setting. Capacity reduction codes are available from week 11 2007.
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Elspot_file

\Elspot\Elspot_file\yyyy

spotyyww.sdv	These files contain hourly spot prices for all Elspot areas and buy and sell volumes for each area. It also includes the Elspot system price and volumes at System Price. The files are available from: Week 1-2000. From 1 October 2011 the file is updated 2 times per day. After price calculation the file is updated with EUR prices and approximately 10 minutes later with the prices in SEK/DKK/NOK.
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Elspot_flow

\Elspot\Elspot_flow\yyyy

sfloyyww.sdv	The file contains the planned cross-border Elspot power flow per hour (MWh/h). Data from 1 July 1999. The file is updated once a day, after the Elspot price has been set, normally before 14:00.
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Elspot_prices

Bus_bar_prices

\Elspot\Elspot_prices\Bus_bar_prices\yyyy

These files contains prices for spot and regulating power for the following trading points:

Alta, Bardufoss, Bergen, Bremanger, Copenhagen, Gjøvik, Helsinki, Hopen, Hove Kanstadbotn, Kontek, Kirkenes, Kristiansand, Kristiansund, Leirdøla, Leivdal, Mosjøen, Narvik, Oslo, Porsgrunn, Stavanger, Stockholm, Stord, Tromsø, Trondheim, Vinje, Ålborg, Ålesund, Århus. As well as **System Price and currency exchange rates.**

pnokyyww.sdv	In NOK.
psekyyww.sdv	In SEK.
pdkkyyww.sdv	In DKK
peuryyww.sdv	In EUR

Denmark

Denmark_East

\Elspot\Elspot_prices\Denmark\Denmark_East\yyyy

cphdkkyy.xls /sdv	Area Price in Denmark East per hour in DKK
cpheuryy.xls /sdv	Area Price in Denmark East per hour in EUR
cphnokyy.xls /sdv	Area Price in Denmark East per hour in NOK
cphsekyy.xls /sdv	Area Price in Denmark East per hour in SEK

Denmark_West

\Elspot\Elspot_prices\Denmark\Denmark_West\yyyy

odedkkyy.xls /sdv	Area Price in Denmark West per hour in DKK
odeeuryy.xls /sdv	Area Price in Denmark West per hour in EUR
odenseyy.xls /sdv	Area Price in Denmark West per hour in NOK
odesekyy.xls /sdv	Area Price in Denmark West per hour in SEK

Estlink

\Elspot\Elspot_prices\Estlink

est-euryy.xls /sdv Area Price in Estlink per hour in EUR

Finland

\Elspot\Elspot_prices\Finland\yyyy

heldkkyy.xls /sdv Area Price in Finland per hour in DKK

heleuryy.xls /sdv Area Price in Finland per hour in EUR

helsinyy.xls /sdv Area Price in Finland per hour in NOK

helsekyy.xls /sdv Area Price in Finland per hour in SEK

helfimyy.xls /sdv Area Price in Finland per hour in FIM. Brought to a close 31 Dec. 2001.

Kontek

\Elspot\Elspot_prices\Kontek\yyyy

ktddkkyy.xls/sdv Area Price in Kontek area per hour in DKK

kteuryy.xls/sdv Area Price in Kontek area per hour in EUR

ktnokyy.xls/sdv Area Price in Kontek area per hour in NOK

ktsekyy.xls/sdv Area Price in Kontek area per hour in SEK

Norway

Bergen

\Elspot\Elspot_prices\Norway\Bergen\yyyy

d-fanayy.xls /sdv Bergen Elspot price per hour in NOK

d-fansekyy.xls /sdv Bergen Elspot price per hour in SEK

ber-euryy.xls /sdv Bergen Elspot price per hour in EUR

ber-dkkyy.xls /sdv Bergen Elspot price per hour in DKK

Kristiansand

\Elspot\Elspot_prices\Norway\Kristiansand\yyyy

d-krisyy.xls /sdv	Kristiansand Elspot price per hour in NOK
d-krisekyy.xls /sdv	Kristiansand Elspot price per hour in SEK
krs-dkkyy.xls /sdv	Kristiansand Elspot price per hour in DKK
krs-euryy.xls /sdv	Kristiansand Elspot price per hour in EUR

Kristiansund

\Elspot\Elspot_prices\Norway\Kristiansund\yyyy

d-ksunyy.xls /sdv	Kristiansund Elspot price per hour in NOK
ksund-euryy.xls /sdv	Kristiansund Elspot price per hour in EUR

Oslo

\Elspot\Elspot_prices\Norway\Oslo\yyyy

os-dkkyy.xls/sdv	Oslo Elspot price per hour in DKK
os-euryy.xls/sdv	Oslo Elspot price per hour in EUR
osloyy.xls/sdv	Oslo Elspot price per hour in NOK
os-sekyy.xls/sdv	Oslo Elspot price per hour in SEK

Tromso

\Elspot\Elspot_prices\Norway\Tromso\yyyy

tromsoyy.xls/sdv	Tromsø Elspot price per hour in NOK
tr-sekyy.sdv	Tromsø Elspot price per hour in SEK
tro-euryy.xls/sdv	Tromsø Elspot price per hour in EUR

Trondheim

\Elspot\Elspot_prices\Norway\Trondheim\yyyy

d-branyy.xls/sdv	Trondheim Elspot price per hour in NOK
trh-euryy.xls/sdv	Trondheim Elspot price per hour in EUR

Sweden

\Elspot\Elspot_prices\Sweden\yyyy

stodkkyx.xls/sdv	Sweden Elspot Area Price per hour in DKK
stoeurxy.xls/sdv	Sweden Elspot Area Price per hour in EUR
stocprxy.xls/sdv	Sweden Elspot Area Price per hour in NOK
stosekxy.xls/sdv	Sweden Elspot Area Price per hour in SEK

SE1_Lulea

\Elspot\Elspot_prices\Sweden\SE1_Lulea\yyyy

luldtkxy.xls/sdv	Luleå Elspot Area Price per hour in DKK
luleurxy.xls/sdv	Luleå Elspot Area Price per hour in EUR
luleaxy.xls/sdv	Luleå Elspot Area Price per hour in NOK
lulsekxy.xls/sdv	Luleå Elspot Area Price per hour in SEK

SE2_Sundsvall

\Elspot\Elspot_prices\Sweden\SE2_Sundsvall\yyyy

sunddkxy.xls/sdv	Sundsvall Elspot Area Price per hour in DKK
sundeurxy.xls/sdv	Sundsvall Elspot Area Price per hour in EUR
sundxy.xls/sdv	Sundsvall Elspot Area Price per hour in NOK
sundsekxy.xls/sdv	Sundsvall Elspot Area Price per hour in SEK

SE3_Stockholm

\Elspot\Elspot_prices\Sweden\SE3_Stockholm\yyyy

stodkkyx.xls/sdv	Stockholm Elspot Area Price per hour in DKK
stoeurxy.xls/sdv	Stockholm Elspot Area Price per hour in EUR
stocprxy.xls/sdv	Stockholm Elspot Area Price per hour in NOK
stosekxy.xls/sdv	Stockholm Elspot Area Price per hour in SEK

SE4_Malmo

\Elspot\Elspot_prices\Sweden\SE3_Stockholm\yyyy

maldkkyx.xls/sdv	MalmöElspot Area Price per hour in DKK
maleuryy.xls/sdv	MalmöElspot Area Price per hour in EUR
malmoyy.xls/sdv	MalmöElspot Area Price per hour in NOK
malsekyy.xls/sdv	MalmöElspot Area Price per hour in SEK

System

\Elspot\Elspot_prices\System\yyyy

sysdkkyy.xls/sdv	Elspot System Price per hour in EUR
syseuryy.xls/sdv	Elspot System Price per hour in EUR
syspr.xls/sdv	Elspot System Price per hour in NOK
syssekyy.xls/sdv	Elspot System Price per hour in SEK

Elspot_rate

\Elspot\Elspot_rate\yyyy

elrateyyyy.sdv	Daily currency exchange rates applied to Elspot contracts. One file for each year. The file is updated every day.
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Elspot_turnover

\Elspot\Elspot_turnover\yyyy

turnoveryy.xls turnoveryy.sdv	Elspot turnover at System Price per hour.
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ITVC capacities

\Elspot\ITVC capacities

mcapyyww.sdv	ITVC capacities. The file is updated daily.
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ITVC flow

\Elspot\ITVC flow

mfloyyww.sdv	ITVC flow. The file is updated daily.
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INFORMATION

Ftp_notes

yymmddxxxx.doc Each file describes a change made to the FTP server. Examples are: change of a file's content or format, new file added, or new FTP server directory.

Ftp_outline

Outline_ftp.pdf The file for this document: Nord Pool Spot's ftp server - directories and contents.

File_specification

Elrate-eng.doc	File description of the data structure of the Elrate file.
PNOK-SEK-FIM-DKK-EUR-eng.doc	File description of the data structure of the pnok, psek, pfim, pdkk, and peur files.
podk_description.doc	File description of the data structure of the podk file.
pofi_description.doc	File description of the data structure of the pofi file.
pono_description.doc	File description of the data structure of the pono file.
pose_description.doc	File description of the data structure of the pose file.
SCAP-eng.doc	File description of the data structure of the Elspot capacity file.
SFLO.doc	File description of the data structure of the Elspot flow file.
SPOT-eng.doc	File description of the data structure of the Spot file.
bare_description.doc	File description of the data structure of the bare file.
reur_description.doc	File description of the data structure of the reur file.
spre_description.doc	File description of the data structure of the special regulation volumes file.

NPS FTP end user standard terms 2010

NPS FTP End User Standard Terms 2010.pdf Standard Terms for End User license to FTP Information at Nord Pool Spot AS.

NEWSPAPER

Newspaper

fip.sdv
spotyyww.sdv
FYLLGRAD.XLS
UTVEKSL.XLS

Traded volumes at Nord Pool Spot, cross-border exchange and reservoir content in the Nordic countries. Access to this directory is restricted; it is a subscription-based service for newspapers.

OPERATING_DATA

Denmark

Operating_data\Denmark\yyyy

podkyyww.sdv

The file contains Danish power production, consumption prognosis, settled consumption, cross-border exchange, and regulating power prices and volumes per hour. Regulating power prices are in DKK. From 24 Sept 2009 the file also contains wind prognosis and settled wind production. Denmark East was integrated and implemented to the Nordic Exchange Area 1. October 2000. Beginning 1 November 2000, TSO (Transmission System Operator) net power trading is included. The file is updated hourly.

Estonia

Operating_data\Estonia\yyyy

poeeyyww.sdv

Starting date: 14th of November 2011

The file contains Estonian power production, production prognosis, wind power, wind power prognosis, consumption, consumption prognosis and cross-border exchange.

The file is updated hourly.

External_capacities

Operating_data\External_capacities

xcapyyww.sdv The file shows day-head capacities for Sweden - Germany, Sweden - Polen, Russia – Finland, Russia – Norway, Eidskog – Charlottenberg, Denmark West – Germany and Norway – Netherlands. These interconnections are not a part of the regular Elspot capacities which are used in the price calculation.

Finland

\Operating_data\Finland\yyyy

pofiyyww.sdv The file contains Finnish production, consumption prognosis, settled consumption, cross-border power exchange, and regulating power prices and volumes per hour. Prices are in EUR. Beginning 1 November 2000, TSO (Transmission System Operator) net power trading is included. Regulating power prices are in EUR/MWh. The file is updated hourly.

Norway

\Operating_data\Norway\yyyy

ponoyyww.sdv Price and volume in the spot and regulating power markets, as well as Norwegian production, consumption prognosis, settled consumption, and net physical exchange. Prices are in NOK.
Beginning 1 November 2000, TSO (Transmission System Operator) net power trading is included.
From 28 Oct 2009 the file contains imbalance price for consumption.
From 17 Oct 2011 the file contains physical exchange between the Norwegian bidding areas.

The file is updated hourly.

Reservoir_inflow_figures

\Operating_data\Norway\yyyy

Inflow.xls The file contains weekly inflow figures in GWh for Norway, Sweden and Finland. The file is updated every Wednesday.

Reservoir-content.xls The file contains weekly reservoir content in GWh for Norway, Sweden and Finland. The file is updated every Wednesday.

Sweden

\Operating_data\Sweden\yyyy

poseyyww.sdv The file contains Swedish production, consumption prognosis, settled consumption, power adjustment market prices/volumes (discontinued 31 March 1999) and regulating prices/ volumes. Prices are in SEK. Beginning 1 November 2000, TSO (Transmission System Operator) net power trading is included. The file is updated hourly.

REGULATING POWER MARKET

Bid_volume_file

\Regulating_power_market\Bid_volume_file \yyyy

bareyyww.sdv The file will show available bid volumes for up and down regulation in the Regulating Power Markets in each bidding area per hour. The volume will be locked 45 minutes before the hour goes to delivery. The file is updated hourly.

Special_regulation_volume

\Regulating_power_market\Special_regulation_volume\yyyy

spre-yy-ww.sdv The new file will show the total volume for up and down regulation in each bidding area per hour. The file is updated hourly.

REPORTS

Area1

\Reports\Area1\yyyy

D1-yyyy-ww.pdf Area report for eastern and southern parts of Norway. Shows total power production, consumption, and net exchange for this area. Selected temperature and rainfall At recording sites in the area are included. The report is published weekly in Norwegian. Access to the report is by subscription.

Area2

\Reports\Area2\yyyy

D2-yyyy-ww.pdf Area report for the western part of Norway. Shows total power production, consumption, and net exchange for this area. Selected temperature and rainfall recording at sites in the area are included. The report is published weekly in Norwegian. Access to the report is by subscription.

Area3

\Reports\Area3\yyyy

D3-yyyy-ww.pdf Area report for mid-Norway. Shows total power production, consumption, and net exchange for this area. Selected temperature and rainfall at recording sites in the area are included. The report is published weekly in Norwegian. Access to the report is by subscription.

Area4

\Reports\Area4\yyyy

D4-yyyy-ww.pdf Area report for northern Norway. Shows total power production, consumption, and net exchange for this area. Selected temperature and rainfall at recording sites in the area are included. The report is published weekly in Norwegian. Access to the report is by subscription.

Country

\Reports\Country\yyyy

NO-yyyy-ww.pdf Country Report for Norway. Shows total Norwegian power production, consumption, and net exchange. The report, which is published weekly, includes information about temperature, precipitation, reservoir levels and influx, and planned outages in the Norwegian production and grid systems. The report is in Norwegian. Access to the report is by subscription.

Nordic_elm_info

\Reports\Nordic_elm_info\yyyy

ENG_yyww.pdf Total Nordic electricity market power production, classified under the headings Hydropower, Nuclear Power, and Other Thermal Power. Consumption and total exchange in the Nordic Electricity Market. Elspot and financial market prices and turnover. Planned outages in the next six weeks in the entire Nordic Power Exchange area. This weekly report, "Nordic Electricity Market Information," which is in English, conveys key figures for the Nordic Power Exchange area. (Adobe Acrobat .pdf format).

UMM

\UMM\nnnnn.xml

nnnnn.xml

An UMM (Urgent Market Message) message is sent if an incident, plan or change of plan occurs. It's a simple generation of messages informing about the reason and consequences of planned, unplanned production and consumption outages and planned and unplanned transmission outages. One file pr incident will be generated.