



From old Market Data to Energidataservice

This list shows data in the same groups as they were stored in the old market data, and the name of the table and the dimensions that the value is stored in the Energy Data Service. Note that the same data may be stored in several tables where it has been considered appropriate.

Why has it changed?

The old market data was based on one large table, where all time series represented a column in the table. Any changes in data meant required changed of columns both in the table and in the user interface. This made the market data expensive to maintain and expand. At the same time, data reading (API) requires a stable structure. With the present data volume in Energy Data Service, the old solution would require more than 1000 columns. Therefore, data is divided into tables, partly based on the logical structure of data (dimensions and resolution) as well as how they are interconnected. Therefore, data contained in different tables must be collected either manually in a spreadsheet, or via SQL queries via the API.

Annual and monthly auctions of transmission capacity across the East Danish - German border

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
Capacity sold DK-East and Germany	Auction of Capacities, PTR DK2-Germany		SoldExportCapacity
Capacity sold Germany and DK-East	Auction of Capacities, PTR DK2-Germany		SoldImportCapacity
Unutilised capacity DK-East and Germany	Auction of Capacities, PTR DK2-Germany		UtilizedExportCapacity
Unutilised capacity Germany and DK-East	Auction of Capacities, PTR DK2-Germany		UtilizedImportCapacity

Annual and monthly auctions of transmission capacity across the West Danish - German border

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
Capacity sold DK-West and Germany	Auction of Capacities, PTR DK1-Germany		SoldExportCapacity
Capacity sold Germany and DK-West	Auction of Capacities, PTR DK1-Germany		SoldImportCapacity
Utilised capacity DK-West and Germany	Auction of Capacities, PTR DK1-Germany		UtilizedExportCapacity
Utilised capacity Germany and DK-West	Auction of Capacities, PTR DK1-Germany		UtilizedImportCapacity

Automatic Load-Frequency Control, Currency Code/MWh

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
DK-West LFC - down, MWh/h	aFRR - DK1 Skagerak - no longer updated		aFRR_DownPurchased
DK-West LFC - down, MWh/h	Realtime Market	DK1	aFRR_DownPurchased
West LFC - up, MWh/h	aFRR - DK1 Skagerak - no longer updated		aFRR_UpPurchased
West LFC - up, MWh/h	Realtime Market	DK1	aFRR_UpPurchased
IGCC - down, MWh/h	Realtime Market	DK1	IGCC_DownRegulation
IGCC - up, MWh/h	Realtime Market	DK1	IGCC_UpRegulation
Price DK-West LFC - up	aFRR - DK1 Skagerak - no longer updated		aFRR_UpPrice
Price IGCC - down	Realtime Market		IGCC_PriceDownDKK
Price IGCC - up	Realtime Market		IGCC_PriceUpDKK

Capacity on transmission lines

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
DK-East to Germany	Transmission lines	DK2 EPEX	ExportCapacity
DK-East to Sweden	Transmission lines	DK2 SE4	ExportCapacity
DK-West to Germany	Transmission lines	DK1 EPEX	ExportCapacity
DK-West to Norway	Transmission lines	DK1 OSLO	ExportCapacity
DK-West to Sweden	Transmission lines	DK1 SE3	ExportCapacity
Germany to DK-East	Transmission lines	DK2 EPEX	ImportCapacity
Germany to DK-West	Transmission lines	DK1 EPEX	ImportCapacity
Norway to DK-West	Transmission lines	DK1 OSLO	ImportCapacity
Sweden to DK-East	Transmission lines	DK2 SE4	ImportCapacity
Sweden to DK-West	Transmission lines	DK1 SE3	ImportCapacity

Elspot price

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
DK-East	Transmission lines	DK2 EPEX	HomePrice
DK-East	Transmission lines	DK2 DK1	HomePrice
DK-East	Elspot prices	DK2	SpotPrice
DK-East	Transmission lines	DK1 DK2	ConnectedPrice
DK-East	Transmission lines	DK2 SE4	HomePrice
DK-East	Nordpool Market (will expire, please read description)	DK2	SpotPrice
DK-West	Transmission lines	DK1 DK2	HomePrice

DK-West	Transmission lines	DK1 EPEX	HomePrice
DK-West	Transmission lines	DK1 OSLO	HomePrice
DK-West	Transmission lines	DK2 DK1	ConnectedPrice
DK-West	Transmission lines	DK1 SE3	HomePrice
DK-West	Nordpool Market (will expire, please read description)	DK1	SpotPrice
DK-West	Elspot prices	DK1	SpotPrice
European Power Exchange (EPEX)	Transmission lines	DK2 EPEX	ConnectedPrice
European Power Exchange (EPEX)	Transmission lines	DK1 EPEX	ConnectedPrice
European Power Exchange (EPEX)	Elspot prices	EPEX	SpotPrice
Norway	Transmission lines	DK1 OSLO	ConnectedPrice
Norway	Elspot prices	OSLO	SpotPrice
Sweden (SE)	Transmission lines	DK2 SE4	ConnectedPrice
Sweden (SE3)	Elspot prices	SE3	SpotPrice
Sweden (SE4)	Elspot prices	SE4	SpotPrice
Sweden (SE4)	Transmission lines	DK1 SE3	ConnectedPrice
System	Elspot prices	System	SpotPrice

Fixed residualconsumption (grid area 0xx), kWh/h			
Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
014 Hornum El-forsyning	Fixed Residual consumption	014	ResidualConsumption
Netvirksomhed A/S			
015 Nibe Elforsyning Net A.m.b.a	Fixed Residual consumption	015	ResidualConsumption
023 Nyfors Net A/S	Fixed Residual consumption	023	ResidualConsumption
031 Nord Energi Net A/S	Fixed Residual consumption	031	ResidualConsumption
042 Thy-Mors Energi Elnet A/S	Fixed Residual consumption	042	ResidualConsumption
044 HEF Net A/S	Fixed Residual consumption	044	ResidualConsumption
051 Frederikshavn Elnet A/S	Fixed Residual consumption	051	ResidualConsumption
052 Elforsyningen AKE El-Net	Fixed Residual consumption	052	ResidualConsumption
084 Aars El-forsyning - Net	Fixed Residual consumption	084	ResidualConsumption
085 Læsø Elnet A/S	Fixed Residual consumption	085	ResidualConsumption
095 Hirtshals El-Netselskab A/S	Fixed Residual consumption	095	ResidualConsumption
096 Taars Elenergi A.m.b.A	Fixed Residual consumption	096	ResidualConsumption

Fixed residualconsumption (grid area 1xx), kWh/h			
Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
131 EnergiMidt Net A/S	Fixed Residual consumption	131	ResidualConsumption
141 Hammel Elforsyning	Fixed Residual consumption	141	ResidualConsumption
142 Kjellerup Elnet A/S142 Kjellerup Elnet A/S	Fixed Residual consumption	142	ResidualConsumption
143 Brabrand Net A/S	Fixed Residual consumption	143	ResidualConsumption
144 Viby Net A/S	Fixed Residual consumption	144	ResidualConsumption
145 GE Net A/S	Fixed Residual consumption	145	ResidualConsumption
146 Bjerringbro Elværk	Fixed Residual consumption	146	ResidualConsumption
149 ELRO Net A/S	Fixed Residual consumption	149	ResidualConsumption
151 NRGi Net A/S	Fixed Residual consumption	151	ResidualConsumption
152 Verdo El-net A/S	Fixed Residual consumption	152	ResidualConsumption
154 Energi Viborg Elnet A/S	Fixed Residual consumption	154	ResidualConsumption

Fixed residualconsumption (grid area 2xx), kWh/h			
Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
232 Østjysk Energi Net A/S	Fixed Residual consumption	232	ResidualConsumption
233 Dinel A/S	Fixed Residual consumption	233	ResidualConsumption
244 TRE-FOR El-net A/S	Fixed Residual consumption	244	ResidualConsumption
245 NRGi Net A/S Horsens	Fixed Residual consumption	245	ResidualConsumption
246 MES Net A/S	Fixed Residual consumption	246	ResidualConsumption
248 VOS Net A/S	Fixed Residual consumption	248	ResidualConsumption

Fixed residualconsumption (grid area 3xx), kWh/h			
Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
331 Thy-Mors Energi Elnet A/S	Fixed Residual consumption	331	ResidualConsumption
341 GEV NET A/S	Fixed Residual consumption	341	ResidualConsumption
342 Ikast Værkernes Net A/S	Fixed Residual consumption	342	ResidualConsumption
344 SE Net A/S	Fixed Residual consumption	344	ResidualConsumption
347 NOE Net A/S	Fixed Residual consumption	347	ResidualConsumption
348 RAH Net a/s	Fixed Residual consumption	348	ResidualConsumption
351 Vestforsyning Net A/S	Fixed Residual consumption	351	ResidualConsumption
353 EnergiMidt Net Vest A/S	Fixed Residual consumption	353	ResidualConsumption
357 Struer Forsyning Elnet A/S	Fixed Residual consumption	357	ResidualConsumption
359 RAH Net 2 A/S	Fixed Residual consumption	359	ResidualConsumption
370 Aal El-net A.m.b.a	Fixed Residual consumption	370	ResidualConsumption
371 Hjerting Transformatorforening	Fixed Residual consumption	371	ResidualConsumption
381 Hurup Elværk - Net A/S	Fixed Residual consumption	381	ResidualConsumption
384 Tarm Elværk Net A/S	Fixed Residual consumption	384	ResidualConsumption
385 Videbæk Elnet A/S	Fixed Residual consumption	385	ResidualConsumption
392 Borris El-Forsyning	Fixed Residual consumption	392	ResidualConsumption
394 Kibæk Elværk Amba	Fixed Residual consumption	394	ResidualConsumption
396 Sunds Elforsyning	Fixed Residual consumption	396	ResidualConsumption

397 Sdr. Felding Elforsyning	Fixed Residual consumption	397	ResidualConsumption
398 Vildbjerg Elværk A.m.b.a.	Fixed Residual consumption	398	ResidualConsumption

Fixed residualconsumption (grid area 5xx), kWh/h

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
531 Ravdex A/S	Fixed Residual consumption	531	ResidualConsumption
532 LEF NET A/S	Fixed Residual consumption	532	ResidualConsumption
533 SEF Net A/S	Fixed Residual consumption	533	ResidualConsumption
543 Energi Fyn Net A/S	Fixed Residual consumption	543	ResidualConsumption
552 FFV EL A/S	Fixed Residual consumption	552	ResidualConsumption
553 Energi Fyn Nyborg Net A/S	Fixed Residual consumption	553	ResidualConsumption
554 Energi Fyn City Net A/S	Fixed Residual consumption	554	ResidualConsumption
584 Midtfyns Elforsyning A.m.b.A	Fixed Residual consumption	584	ResidualConsumption
587 Paarup Elforsyning	Fixed Residual consumption	587	ResidualConsumption
588 Brenderup Netselskab A.m.b.a	Fixed Residual consumption	588	ResidualConsumption
589 Midtfyns Elforsyning A.m.b.A.	Fixed Residual consumption	589	ResidualConsumption
590 Nr. Broby-Vøjstrup Netselskab	Fixed Residual consumption	590	ResidualConsumption
591 Midtfyns Elforsyning A.m.b.A.	Fixed Residual consumption	591	ResidualConsumption
592 Rolfsted Transformerforening A.m.b.A.	Fixed Residual consumption	592	ResidualConsumption

Fixed residualconsumption (grid area 7xx), kWh/h

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
740 SEAS-NVE Net A/S	Fixed Residual consumption	740	ResidualConsumption
755 Verdo Hillerød El-Net A/S	Fixed Residual consumption	755	ResidualConsumption
757 Forsyning Helsingør Elnet A/S	Fixed Residual consumption	757	ResidualConsumption
791 Radius Elnet A/S	Fixed Residual consumption	791	ResidualConsumption

Fixed residualconsumption (grid area 8xx), kWh/h

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
853 Nakskov Elnet A/S	Fixed Residual consumption	853	ResidualConsumption
854 NKE-Elnet A/S	Fixed Residual consumption	854	ResidualConsumption
856 Vordingborg Elnet A/S	Fixed Residual consumption	856	ResidualConsumption

Fixed residualconsumption (grid area 9xx), kWh/h

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
911 Østkraft Net A/S	Fixed Residual consumption	911	ResidualConsumption

Great Belt (transmission line)

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
Capacity DK-East and DK-West:	Transmission lines	DK1 DK2	ImportCapacity
Capacity DK-East and DK-West:	Transmission lines	DK2 DK1	ExportCapacity
Capacity DK-West to DK-East:	Transmission lines	DK1 DK2	ExportCapacity
Capacity DK-West to DK-East:	Transmission lines	DK2 DK1	ImportCapacity
Physical exchange DK-East to DK-West:	Transmission lines	DK2 DK1	PhysicalExchangeSettlement
Physical exchange DK-West to DK-East:	Transmission lines	DK1 DK2	PhysicalExchangeSettlement
Scheduled trade DK-East to DK-West:	Transmission lines	DK2 DK1	SceduleExchangeDayAhead
Scheduled trade DK-West to DK-East:	Transmission lines	DK1 DK2	SceduleExchangeDayAhead

Nord Pool turnover

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
Nord Pool Purchase DK-East:	Nordpool Market (will expire, please read description)	DK2	SpotPurchase
Nord Pool Purchase DK-West:	Nordpool Market (will expire, please read description)	DK1	SpotPurchase
Nord Pool Sale DK-East:	Nordpool Market (will expire, please read description)	DK2	SpotSale
Nord Pool Sale DK-West:	Nordpool Market (will expire, please read description)	DK1	SpotSale

Physical exchange on transmission lines

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
DK-East and Germany:	Transmission lines	DK2 EPEX	PhysicalExchangeSettlement
DK-East and Sweden:	Transmission lines	DK2 SE4	PhysicalExchangeSettlement
DK-West and Germany:	Transmission lines	DK1 EPEX	PhysicalExchangeSettlement
DK-West and Norway:	Transmission lines	DK2 OSLO	PhysicalExchangeSettlement

Production and consumption

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
DK-East Electric boiler consumption	Electricity Balance (will expire, please read description)	DK2	ElectricBoilerCon
DK-East Gross consumption:	Electricity Balance (will expire, please read description)	DK2	GrossCon:
DK-East Local production:	Electricity Balance (will expire, please read description)	DK2	LocalPowerProd
DK-East Net consumption:	Electricity Balance (will expire, please read description)	DK2	NetCon
DK-East Primary production:	Electricity Balance (will expire, please read description)	DK2	PrimaryProd
DK-East Solar cell production	Electricity Balance (will expire, please read description)	DK2	SolarPowerProd

DK-East Wind Power production:	read description Electricity Balance (will expire, please read description)	DK2	WindPowerProduction
DK-West Gross consumption:	Electricity Balance (will expire, please read description)	DK1	GrossCon:
DK-West Local production:	Electricity Balance (will expire, please read description)	DK1	LocalPowerProd
DK-West Net consumption:	Electricity Balance (will expire, please read description)	DK1	NetCon
DK-West Primary production:	Electricity Balance (will expire, please read description)	DK1	PrimaryProd
DK-West: Wind Power production	Electricity Balance (will expire, please read description)	DK1	WindPowerProduction
Wind Power production (offshore)	Electricity Balance (will expire, please read description)	DK1	OffshoreWindPowerProd
Wind Power production(offshore)	Electricity Balance (will expire, please read description)	DK2	OffshoreWindPowerProd
Wind Power production(onshore)	Electricity Balance (will expire, please read description)	DK2	OnshoreWindPowerProd
Wind Power production(onshore)	Electricity Balance (will expire, please read description)	DK1	OnshoreWindPowerProd

Purchase of frequency controlled reserves - common auction with Sweden, Currency Code/MW per hour			
Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
DK-East: Availability compensation - FDR	FCR, Frequency Containment Reserves, DK2		FCR-D_UpPrice
DK-East: Availability compensation – FNR	FCR, Frequency Containment Reserves, DK2		FCR-N_Price

Purchase of frequency controlled reserves - daily auction			
Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
DK-West Standby payment - primary downward regulation	FCR, Frequency Containment Reserves, DK1 (until January 2021)		FCR_DownPrice_DKK
DK-West Standby payment - primary upward regulation	FCR, Frequency Containment Reserves, DK1 (until January 2021)		FCR_UpPrice_DKK
DK-West Total purchased - primary downward regulation	FCR, Frequency Containment Reserves, DK1 (until January 2021)		FCR_DownPurchased
DK-West Total purchased - primary upward regulation	FCR, Frequency Containment Reserves, DK1 (until January 2021)		FCR_UpPurchased

Purchase of manual reserves - daily auction			
Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
DK-East Availability compensation - downward regulation	DK2 mFRR Frequency Restoration Reserves		mFRR_DownPurchased
DK-East Availability compensation - upward regulation	DK2 mFRR Frequency Restoration Reserves		mFRR_UpPurchased
DK-East Total purchase - downward regulation	DK2 mFRR Frequency Restoration Reserves		mFRR_DownPrice
DK-East Total purchased - upward regulation	DK2 mFRR Frequency Restoration Reserves		mFRR_UpPrice
DK-West Availability compensation - downward regulation	DK2 mFRR Frequency Restoration Reserves		mFRR_DownPurchased
DK-West Availability compensation - upward regulation	DK2 mFRR Frequency Restoration Reserves		mFRR_UpPurchased
DK-West Total purchased - downward regulation	DK2 mFRR Frequency Restoration Reserves		mFRR_DownPrice

Real-time Market			
Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
DK-East Elbas - Average price:	Realtime Market	DK2	IntraAveragePrice
DK-East Elbas - Maximum price:	Nordpool Market (will expire, please read description)	DK2	IntraMaxPrice
DK-East Elbas - Minimum price:	Nordpool Market (will expire, please read description)	DK2	IntraMinPrice
DK-East Price for balancing power - down regulation:	Nordpool Market (will expire, please read description)	DK2	BalancingPowerPriceDownDKK
DK-East Price for balancing power - up regulation:	Realtime Market	DK2	BalancingPowerPriceUpDKK
DK-East Price for balancing power for consumption:	Realtime Market	DK2	cingPowerConsumptionPriceDKK
DK-West Elbas - average price:	Realtime Market	DK2	IntraAveragePrice
DK-West Elbas - Maximum price:	Nordpool Market (will expire, please read description)	DK2	IntraMaxPrice
DK-West Elbas - Minimum price:	Nordpool Market (will expire, please read description)	DK1	IntraMinPrice
DK-West Price for balancing power - up regulation:	Nordpool Market (will expire, please read description)	DK1	BalancingPowerPriceUpDKK
DK-West Price for balancing power - down regulation:	Realtime Market	DK1	BalancingPowerPriceDownDKK
DK-West Price for balancing power for consumption:	Realtime Market	DK1	cingPowerConsumptionPriceDKK

DK-West Regulating power - downward regulation:	Realtime Market	DK1	RegulatingPowerDown
DK-West Regulating power - upward regulation:	Realtime Market	DK1	RegulatingPowerUp
DK-West System SystemBalance - deficit of power:	Realtime Market	DK1	ImbalanceDeficit
DK-West System SystemBalance - surplus of power:	Realtime Market	DK1	ImbalanceSurplus

Scheduled trade (incl. Intraday) on transmission lines

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
DK-East and Germany:	Transmission lines	DK2 EPEX	ScheduleExchangeDayAhead
DK-East and Sweden:	Transmission lines	DK2 SE4	ScheduleExchangeDayAhead
DK-West and Germany:	Transmission lines	DK1 EPEX	ScheduleExchangeDayAhead
DK-West and Norway:	Transmission lines	DK1 OSLO	ScheduleExchangeDayAhead
DK-West and Sweden:	Transmission lines	DK1 SE3	ScheduleExchangeDayAhead

Total congestion income on international connections

Name, old marketsdata	Dataset in EDS	Dimensions	Shortname
DK-East and Germany	Transmission lines	DK2 EPEX	CongestionIncome
DK-East and Germany	Auction of Capacity PTR DK2-Germany		CongestionIncome
DK-East and Germany: Annual auction	Auction of Capacity PTR DK2-Germany		AnnualAuctionConRentDKK
DK-East and Germany: Monthly auction	Auction of Capacity PTR DK2-Germany		MonthlyAuctionConRentDKK
DK-East and Sweden	Transmission lines	DK2 SE4	CongestionIncome
DK-West and DK-East	Transmission lines	DK1 DK2	CongestionIncome
DK-West and DK-East	Transmission lines	DK2 DK1	CongestionIncome
DK-West and Germany	Auction of Capacity PTR DK1-Germany		CongestionIncomeDKK
DK-West and Germany	Transmission lines	DK1 EPEX	CongestionIncome
DK-West and Germany: Annual auction	Auction of Capacity PTR DK1-Germany		MonthlyAuctionConRentDKK
DK-West and Germany: Monthly auction	Auction of Capacity PTR DK1-Germany		AnnualAuctionConRentDKK
DK-West and Norway	Transmission lines	DK1 OSLO	CongestionIncome
DK-West and Sweden	Transmission lines	DK1 SE3	CongestionIncome