## **COMPREHENSIVE COMMODITY DATA**

Data Available via Enverus Trading & Risk Product Suite

#### SINGLE SOURCE FOR ALL OF YOUR COMMODITY MARKET DATA

With an ever-expanding set of data sources, Enverus aggregates more commodity market information than any other service available in today's market. Enverus recognizes that as the international industry evolves and changes, customers' information needs change as well. Enverus is constantly adding new data sources to deliver a wide range of market information to its customers.

Natural Ga	s						
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
Alba Soluzioni	Italy	2010	Daily	3rd Party Provider		х	
Amerex	North America	2001	Daily	Broker	x		
APX	Europe	1996	Daily	Exchange	X	X	
Argus	Europe	1996	Daily	3rd Party Provider	X	X	
Argus Forward Curves	North America, Asia	2012, 2015	Daily	3rd Party Provider	X	х	
ASX (Australian Securities Ex- change)	Australia	1998	Real-time, daily, monthly	Exchange	x	х	
BTU Analytics	Americas	2013	Monthly	3rd Party Provider	x		
CEEGEX	Europe	2010	Daily	Exchange	x	Х	
Dow Jones Indices	Global	2010	Daily	3rd Party Provider	X		
EEX (European Energy Exchange)	Europe	2010	Daily	Exchange	x	х	
EIA (Energy Information Ad- ministration)	North America	1990	Weekly	Public Agency	x	х	
Enerdata	North America	1990	Daily, Weekly	3rd Party Provider	X	X	
Energy Intelligence - Natural Gas Weekly	US	1993	Weekly, Monthly	Publisher	x		
EOXLive	US	2011	Daily	Exchange	X	X	
European Gas In- frastructure (GIE)	Europe	2010	Daily	TSO	Х	Х	
EXAA	Austria	2010	Daily	Exchange		Х	
GIA (Gas Infra- structure Europe)	Europe	2010	Daily	TSO	x		
Gaspool	Europe	2010	Daily	TSO		X	
Gestore Mercati Energetici (GME)	Europe	2010	Daily	Exchange	х		
Hacienda Bro- kerage	US	2015	Daily	Broker	x		X
ICIS	Europe, Asia	1996	Daily	3rd Party Provider	х	Х	

Natural Ga							
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
ICAP	Europe, Asia	2005	Daily	Broker	х	Х	
Ice Endex (APX-ENDEX)	Europe	1996	Daily	Exchange	X	Х	
ICE Futures Europe	Europe	2001	Daily	Exchange	x	X	
Interconnect UK	United Kingdom	2010	Daily	TSO		Х	
Intercontinental Exchange (ICE)	North America	2001	Daily	Exchange	X	Х	
JODI	Global	2009	Monthly	3rd Party Provider	x		
LEBA (London Energy Broker Association)	Europe	2009	Daily	Broker	x	Х	
Marex Spectron	Europe, Option	2005	Daily	Broker	Х	Х	
MarketView Fair Value	US, Europe, NYMEX and ICE Europe	2016	Real-time, daily	MarketView Provided	x		
MarketView Swaps	US, Europe, NYMEX and ICE Europe	2017	Real-time, daily	MarketView Provided	Х		
MiBGas	North America, Europe	2010	Daily	Publisher	х	х	
Nasdaq OMX Nordpool	Europe	2010	Daily	Exchange	х	х	
NetConnect Ger- many (NCG)	Germany	2010	Daily	TSO	х	Х	
NGI (Natural Gas Intelligence)	North America	1988	Daily	Publisher	Х	Х	
Natural Gas Ex- change (NGX)	North America	1996	Real-time, daily	Exchange	X	х	х
NYMEX	North America, ClearPort, Block Trade	Varies	Real-time, daily	Exchange	х		
OPIS	US NGL, NGL Forwards	2010	Daily	3rd Party Provider	х	х	
Polish Power Ex- change (POLPX)	Poland	2010	Daily	Exchange	х	х	
PowerNext	Europe, Africa	2008	Monthly	3rd Party Provider	X	X	
Prague Stock Exchange	Czech Republic	2010	Daily	Exchange		х	
Scudder Publishing	Americas	2015	Weekly	Publisher	х		
S&P Global Platts	US, Europe	1988	Real-time, daily	3rd Party Provider	Х	Х	
Spectron European Electricity	Europe	2010	Daily	Broker	х		
SPIMEX (St Pe- tersburg)	Russia	2010	Daily	Exchange		X	
TFS	Europe	2010	Daily	Broker	х	x	
Tullett Prebon	North America, Europe	2002	Daily	Broker	х	х	
Enverus Natural Gas Flows	US, Canada	2015	Daily	Enverus	х		
Enverus Prodcast Production Fore-	US, Canada	2008	Daily	Enverus	х		

Power							
	DECIONAL						
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
AEMO (Australian Energy Market Operator)	Australia	2011	Intraday	TSO	x		
Alba Soluzioni	Italy	2010	Daily	3rd Party Provider		X	
Alberta ISO	North America	2003	Real-time, delayed	ISO	X		
Amerex	North America	2000	Daily	Broker	x		
APX	Europe	1996	Daily	Exchange	X	X	
Argus	Europe	1999	Daily	3rd Party Provider	X	X	
Argus Forward Curves	North America	2012	Daily	3rd Party Provider	х	Х	
ASX and D-cypha- Trade	Australia	1998	Real-time, daily, monthly	Exchange	x		
Belpex (Belgium Power Exchange)	Belgium	2010	Daily	TSO		X	
BMRA Elexon	Europe	2010	Intra-Day	TSO	х		
BSP Southpool	Europe	2010	Daily	Exchange	Х	х	
California ISO	North America	2000	Daily	ISO	х		
Dow Jones Power Indices	North America	2000	Daily	3rd Party Provider	Х		
EEX (European Energy Exchange)	Europe	2002	Real-time, daily	Exchange	х	Х	
EIA (Energy Information Ad- ministration)	North America, Electricity Spot Data	2001	Monthly, Quarterly, Annually	Public Agency	x	x	
Elexon	Europe	2005	Daily	TSO	X	X	
ELIA	France	2006	Real-time	TSO	Х	Х	
ENTSO-E	Europe	2009	Real-time	TSO	Х	Х	
EOXLive	US, gas-power correlations & volatilities, ATC power curves, heat rate curves	2011-2015	Daily	Exchange	x	х	
EPEX	Europe	2010	Daily	Exchange	Х	Х	
ERCOT	US, ORDC	1970	Real-time, delayed	ISO	Х		
EXAA	Austria	2010	Daily	Exchange		X	
Gestore Mercati Energetici (GME)	Italy	2004	Daily	Exchange	х		
GFI Europe	Europe	2010	Daily	Broker	Х		x
HEMO (Hellenic Exchanges - SA LAGIE)	Greece	2010	Daily	Exchange		х	
HUPX - Hungarian Power Exchange	Hungary	2011	Daily, hourly	Exchange	х	Х	
ICAP	Europe, US - Power volatility	2005	Daily	Broker	х	Х	
Intercontinental Exchange (ICE)	North America	2003	Daily	Exchange	х	х	
Ice Endex (APX-ENDEX)	Europe	2013	Real-time	Exchange	х	Х	
ICE Futures Europe	Europe	2004	Real-time, Daily	Exchange	X	X	
ICIS	Europe	1999	Daily	3rd Party Provider	Х	Х	
IDEX (Italian Derivatives Energy Exchange)	Italy	2010	Daily	Exchange	x	х	
LEBA (London Energy Broker Association)	Europe	2009	Daily	Broker	х	х	
Marex Spectron	Europe, Option implied volatility	2005	Daily	Broker	x	х	
MAVIR	Europe	2010	Daily	3rd Party Provider		Х	



Power							
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
MEFF (Spanish Futures)	Spain	2010	Daily	Exchange	х	х	
Midwest ISO	North America	2005	Real-time, delayed	ISO	X		
National Grid	Europe	2010	Daily	TSO	X	X	
Nasdaq OMX N2EX (UK)	United Kingdom	2010	Daily	Exchange	Х		
New England ISO	North America	2003	Real-time, delayed	ISO	Х		
New York ISO	North America	1999	Real-time, delayed	ISO	X		
Natural Gas Ex- change (NGX)	Canada	2010	Daily	Exchange	х	х	X
Nodal Exchange	North America	2016	Daily	Exchange	Х	Х	
Nasdaq OMX Nordpool	Europe, N2EX, Elspot, Consumption	1993	Real-time, delayed	Exchange	х	Х	
NYMEX	North America, ClearPort, Block trade	Varies	Real-time, delayed	Exchange	х		
OMEL	Europe	2010	Daily	Exchange		X	
OMIP	Portugal Spot Market, Futures	2006	Real-time	Exchange	х	Х	
Ontario ISO	North America	2002	Real-time, delayed	ISO	х		
ОРСОМ	Europe	2017	Daily	TSO	X		
OTE	Europe	2010	Daily	TSO		х	
РЈМ	North America	2000	Real-time, delayed	ISO	X	X	
Point Carbon	Europe	2010	Daily	3rd Party Provider		Х	
Polish Power Ex- change (POLPX)	Poland	2010	Daily	Exchange	X	X	
Powernext	France	2002	Real-time, daily	3rd Party Provider	X	Х	
PSE	Europe	2010	Daily	3rd Party Provider		X	
Prague Energy Exchange (PXE)	Czech Republic	2010	Daily	Exchange		X	
Prague Stock Exchange	Czech Republic	2010	Daily	Exchange		х	
RTE	France	2010	Daily	3rd Party Provider		Х	
S&P Global Platts	US, Europe	1996	Real-time, daily	3rd Party Provider	X	X	
SEEPEX	Europe	2010	Daily	Exchange		X	
Southwest Power Pool	US	2007	Real-time, delayed	ISO	х		
Spectron European Electricity	Europe	2010	Daily	Broker	X		
TenneT	Netherlands	2001	Real-time	TSO	х		
Tennet Imbalance	Germany	2010	Daily	TSO	х	х	
Tennet Ler	Germany	2010	Daily	TSO	х	х	
Terna	Italy	2010	Daily	TSO	х	X	
TFS	Power forward curves US	2006	Daily	Broker	Х	Х	
TGE	Europe	2010	Daily	3rd Party Provider		x	
TruckMiles	US, Fuel Prices	2018	Daily	Publisher	х		
Tullett Prebon	US, Europe	2004	Daily	Broker	х	x	
US Army Corps of Engineers	US	2017	Delayed	Public Agency	X		
US NuclearRegula- tory Commission	US	1999	Daily	Public Agency	Х		

<b>Emissions</b>							
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
Argus	US, Europe	2005	Daily	3rd Party Provider	X	Х	
ASX (Australian Securities Ex- change)	Australia	1998	Real-time, delayed, daily, monthly	Exchange	x	X	
Chinese Emissions	Shangai, Shen- zhen, TXC	2013	Daily	3rd Party Provider	X		
CME Green Ex- change	Europe	2010	Daily	Exchange	х		
EEX (European Energy Exchange)	Europe, Africa Car- bon Auction Data	2010	Daily	Exchange	X	Х	
<b>Evolution Markets</b>	US, Europe	2000	Daily	Broker	Х	Х	X
GFI Europe	Europe	2010	Daily	Broker	X		X
Guangdong China CNE Emissions	Asia, Mideast, Australia	2015	Daily	Exchange	x		
LEBA (London Energy Broker Association)	Europe	2009	Daily	Broker	x	х	
Marex Spectron	Europe	2005	Daily	Broker	X	X	
Nasdaq OMX Nordpool	Europe	2010	Daily	Exchange	х	Х	
NYMEX	North America, Europe, ClearPort, Block Trade	Varies	Real-time, daily	Exchange	X		
Point Carbon	Europe	2010	Daily	3rd Party Provider		Х	
S&P Global Platts	Global	2003	Weekly	3rd Party Provider	X	X	
Spectron European Electricity	Europe	2010	Daily	Broker	Х		
TFS	Global	2006	Daily	Broker	Х	X	
Tullett Prebon	Europe	2008	Daily	Broker	X	X	

Weather							
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
Canadian Weather Data	Canada	2005	Daily	3rd Party Provider	х		
CME (Chicago Mercantile Exchange)	Global	2010	Daily	Exchange	х	х	
Deutsche Wetterdi- endst	Germany	2010	Intraday	Public Agency		Х	
Marex Spectron	Europe	2010	Daily	Broker	х	Х	
Meteogroup	Global	2010	Daily	Publisher		Х	
Meteologica	Global	2010	Daily	Publisher			Х
Meteorologisk Institutt	Canada	2016	Intraday (4x daily)	Publisher			х
National Oceanic and Atmospheric Administration (NOAA)	US Actuals, Forecast & Climate Prediction Center	1946	Daily	Public Agency	х	х	
Statweather	US	2015	Daily, weekly	Publisher	Х		

Oil							
	REGIONAL						
PROVIDER	CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
A.E. Bruggemann & Co.	US, Europe, Sin- gapore	2015	Daily	Broker	х	Х	Х
Argus	Global	1987	Daily	3rd Party Provider	Х	X	
Baker Hughes	Global Internation- al Rig Data	2012	Weekly	3rd Party Provider	х	х	
C1 Energy	Asia	2000	Daily	Publisher	Х		
California Energy Commission	US imports by rail	2009	Monthly	Public Agency	Х		
CBOE	US	2007	Daily	Exchange	X	Х	
Consensus, Inc.	US, Canada, Europe	1983	Weekly	Publisher	Х		
Crude Postings	US, Canada	2000	Daily	3rd Party Provider		Х	
Department of Energy & Climate Change (DECC)	UK	1970	Weekly, Monthly, Quarterly, Annually	Public Agency	Х	х	
DME (Dubai Mer- cantile Exchange)	Middle East	2007	Real-time, daily	Exchange	х	х	
EIA (Energy Information Ad- ministration)	North America, Drilling Produc- tivity	1998	Weekly, Monthly, Annually	Public Agency	Х	х	
Energy Intelligence - OMI	Global	1973	Monthly, Weekly	Publisher	х		
EOXLive	Global, Crude Forwards	2014	Daily	Exchange	х	X	
FEOP (Far East Oil Price)	Asia Products	1994	Daily	Publisher	х		
ForwardMarket- Curve	Asia, Europe	2003	Daily	3rd Party Provider	X		
GFI	North America, Europe	2010	Daily	Broker	х	х	X
ICAP	Europe	1996	Daily	Broker	Х	X	
ICE Futures Europe	Europe Brent Crude, WTI Crude	1989	Real-time, daily	Exchange	х	X	
ICE Futures Sin- gapore	Singapore, Crude	2015	Real-time, delayed	Exchange	X	X	
ICE NGX	North America	2010	Daily	Exchange	Х		Х
ICIS	Global	1990	Daily	3rd Party Provider	Х	Х	
ICP - Indonesian Crude Price Index	Indonesia	1997	Monthly	Publisher	Х		
JODI	Global	2002	Monthly	3rd Party Provider	х		
Kiodex	Global	2010	Daily	3rd Party Provider	Х	X	х
Marex Spectron	Global	2010	Daily	Broker	х	х	
MarketView Calendar Month Average	US, NYMEX	2000	Daily	MarketView Provided	X		
MarketView Fair Value	US, Europe, NYMEX and ICE Europe	2016	Real-time, daily	MarketView Provided	х		
MarketView Swaps	US, Europe, NYMEX and ICE Europe	2017	Real-time, daily	MarketView Provided	Х		
Net Energy	North America	2016	Daily	Broker	х	х	х
NYMEX	North America, ClearPort, Block Trade	Varies	Real-time, daily	Exchange	Х		
OMR - Oil Market Report	Germany, North- west Europe	2008	Daily	Publisher	х	х	
Organization of the Petroleum Ex- porting Countries (OPEC)	Global	2003	Daily	Trade Association	х	х	
OPIS	North America Crude Posting	1987	Daily	3rd Party Provider	х	х	



Oil							
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
Petroleum Associ- ation of Japan	Asia	2000	Weekly, Monthly	Trade Association	х	х	
PVM	Global	2009	Daily	Broker	х	Х	
RIM Intelligence	Asia	1996	Daily	Publisher	x	Х	
S&P Global Platts	Global	1979	Real-time, daily	3rd Party Provider	X	X	
Shorcan Energy Brokers Inc.	Canada	2015	Daily	Broker	x	х	х
Singapore Ex- change (SGX)	Asia	2010	Daily	Exchange	х	Х	
TFS	Global	1999	Daily	Broker	х	Х	
тосом	Asia	1999	Real-time, delayed, daily	Exchange	х		
Tullett Prebon	Global	2010	Daily	Broker	Х	X	
Enverus Prodcast Production Fore-	US, Canada	2008	Daily	Enverus	x		

Refined Pro							
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETAR' DATA*
A.E. Bruggemann & Co.	US, Europe, Sin- gapore	2015	Daily	Broker	X	X	х
Argus	Global Asphalt, Ga- soil, Naphtha, Jet, Kerosene, Heating Oil, Waxes, Handel, Spot Ticker	1981	Intraday, Daily, Monthly	3rd Party Provider	x	X	
Argus Forward Curves	Europe	2015	Daily	3rd Party Provider	х	х	
AXXIS	Diesel, Gasoline, LPG, Benzene	2008	Daily	3rd Party Provider	х		
C1 Energy	US & Canada Wholesale Racks for Gasoline, LPG, Benzene	2001	Daily	Publisher	x		
CBOT (Chicago Board of Trade)	Distillates, Ethanol, Propane	1970	Real-time, daily	Exchange	х		
Consensus, Inc.	US, Canada, Europe	1983	Weekly	Publisher	х		
Danaher Oil Company	US, Unleaded gas, low sulfur diesel, jet fuel, kerosene	2015	Daily	Broker	x		
EIA (Energy Information Ad- ministration)	Americas, Energy Outlook Web Service	2015	Intraday, Daily, Monthly	Public Agency	x	x	
EIA - Weekly Petro Data	US Motor Gasoline	1983	Weekly	Public Agency	х	х	
Energy Intelligence - OMI	Global	1973	Monthly, Weekly	Publisher	х		
EOXLive	US Ethanol	2014	Daily	Exchange	Х	X	
ForwardMarket- Curve	North America, Europe, Singapore Heating Oil, Gasoline	2003	Daily	3rd Party Provider	X		
ICAP	Jet Fuel, Naphtha, Gasoil, RBOB	2004	Daily	Broker	х	х	
ICE Futures Europe	Global, Refined & NGL Forwards	1989	Real-time, daily	Exchange	Х	Х	
ICE Futures Sin- gapore	Singapore, Gasoil	2015	Real-time, delayed	Exchange	X	X	
Jacobsen	US Biofuel, Animal fat data	2003	Daily	3rd Party Provider	Х		
JODI	European Distillate and Fuel Oil, Asia	2002	Monthly	3rd Party Provider	X		
MarketView Fair Value	US, Europe, NYMEX and ICE Europe	2016	Real-time, daily	MarketView Provided	x		
MarketView Swaps	US, Europe, NYMEX and ICE Europe	2017	Real-time, daily	MarketView Provided	x		
NYMEX	Europe Gasoil, RBOB Unleaded, Heating Oil, Clear- Port, Block Trades	1979	Real-time, daily	Exchange	x		
Liquidity Partners	Asia, Europe Kero- sene, Gas	2010	Daily	Broker	х		
OMR - Oil Market Report	Global	2008	Daily	Publisher	х	Х	
OPIS	North America Heating Oil, RBOB Unleaded, Biodies- el CAR, Biodiesel terminal	1987	Real-time, daily	3rd Party Provider	х	x	
Petroleum Associ- ation of Japan	Asia	2000	Weekly, monthly	Trade Association	х	х	
PVM	Germany, North- west Europe	2009	Daily	Broker	х	Х	

Refined Pro	oducts						
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
RIM Intelligence	North America Wholesale Racks, Feedstocks, LPG, Biodiesel, Swaps	1996	Daily	Publisher	x	х	
S&P Global Platts	North America	1982	Daily	3rd Party Provider	Х	Х	
TFS	Spot Ticker, Asia Jet Fuel, Naphtha, Terminal Rack Benchmark	2007	Daily	Broker	х	х	
тосом	Global Jet Fuel, Fuel Oil, Asphalt, Distillates	1999	Real-time, delayed, daily	Exchange	Х		

Petrochem	icals						
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
Accord Petrochem- ical	US Physical, Paper	2009, 2014	Daily	Broker	Х		
Argus	Global, Petchem, Crude, Product	2011	Weekly, Monthly	3rd Party Provider	х	Х	
Argus DeWitt	Global, Benzene & Toluene Outlook	2013	Daily, Monthly	3rd Party Provider	Х	X	
Huaxicun Com- modity Contracts Exchange	Asia, Petrochem- ical	2011	Daily	Exchange	x		
ICIS	Global	1990	Weekly, Monthly	3rd Party Provider	х	Х	
IHS Chemical (CMAI)	Global	1977	Weekly	3rd Party Provider	x	x	
NYMEX	North America, Block Trade	Varies	Real-time, daily	Exchange	х		
PetroChem Wire	US	2006	Daily	Publisher	Х	X	
RIM Intelligence	Global, LNG/ Petrochemical	2007	Daily	Publisher	х	Х	
S&P Global Platts	Global	1988	Real-time, daily	3rd Party Provider	Х	X	

Coal							
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
Argus	Global	2001	Daily	3rd Party Provider	х	х	
EEX (European Energy Exchange)	Europe, Africa	2006	Daily	Exchange	X	X	
EIA (Energy Information Ad- ministration)	Americas	2001	Quarterly, Annually	Public Agency	x	х	
EOXLive	US	2017	Monthly, Annually, Seasons	Exchange	х	Х	
Evolution Markets	US	2000	Daily	Broker	Х	Х	х
globalCOAL	Global	2012	Daily	Publisher	х	Х	
ICAP	Europe	2005	Daily	Broker	Х	Х	
ICE Europe	Europe, Africa, Australia	2006	Real-time, daily	Exchange	х	х	
LEBA (London Energy Broker Association)	Europe	2009	Daily	Broker	Х	х	
Marex Spectron	Switzerland	2010	Daily	Broker	x	Х	
NYMEX	North America, ClearPort, Block Trade	Varies	Real-time, daily	Exchange	х		
S&P Global Platts	Global	2001	Weekly	3rd Party Provider	Х	Х	
Shanghai Futures Exchange (SFE)	China	2010	Daily	Exchange	х	Х	
Singapore Ex- change (SGX)	Asia	2010	Daily	Exchange	x	X	
TFS	Global	2003	Daily	Broker	х	Х	
Tullett Prebon	Global	2009	Daily	Broker	х	Х	

Motolo							
Metals							
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
Argus	Global - Black Sea Steel Report	2015	Daily	3rd Party Provider	Х	Х	
Bursa Malaysia	Asia	1995	Real-time	Exchange	X	X	
CBOE	US	2008	Daily	Exchange	X	X	
COMEX	Gold, Silver, Cop- per, Aluminium	1998	Real-time, daily	Exchange	х		
ICAP	Europe	2005	Daily	Broker	X	Х	
ICE Futures Sin- gapore	Singapore, Gold	2015	Real-time, delayed	Exchange	х	Х	
Johnson Matthey	Global	2010	Daily	3rd Party Provider		Х	
LBMA	Global - Precious	2010	Daily	Financial Insti- tution	х		
London Metal Exchange (LME)	Global Aluminium, Copper, Lead, Zinc	1977	Daily	Exchange	Х	Х	
London Platinum and Palladium Market (LPPM)	Global - Platinum, Palladium	2010	Daily	Exchange		х	
Metal Bulletin	Global	2010	Daily	Publisher		Х	
NYMEX	Palladium, Plati- num, Block Trades	2000	Real-time, daily	Exchange	х		
S&P Global Platts	Global	1972	Real-time, daily	3rd Party Provider	Х	Х	
Singapore Ex- change (SGX)	Asia	2010	Daily	Exchange	х	Х	
тосом	Asia	1999	Real-time, delayed, dailv	Exchange	Х		

Shipping/I	Freight						
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
Argus	Global	2010	Daily	3rd Party Provider	Х	Х	
Baltic Exchange	Global	2004	Daily	Exchange	Х	Х	
Braemar	Global	2010	Daily	Broker	Х	Х	Х
BRS	Global	2010	Daily	#N/A			
EA Gibson	Europe	2010	Daily	Broker	х	Х	
FIS	Europe	2010	Daily	Public Agency			
GFI	Europe	2010	Daily	Broker	Х	Х	Х
Marex Spectron	Global	2004	Daily	Broker	Х	Х	
NYMEX	North America, ClearPort, Block Trade	Varies	Real-time, daily	Exchange	x		
Oceans Connect	Global	2002	Daily	Broker	Х		
Railroad Perfor- mance Measures	US, Railroad	2015	Weekly	3rd Party Provider	Х		
S&P Global Platts, Platts cFlow	Global	1989	Real-time, daily	3rd Party Provider	Х		
SSY	Global	1993	Daily, weekly	Broker	Х		

	DECIONAL						
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETAR DATA*
Argus Fertilizer	Ammonia, Nitro- gen, NPK, Potash, etc.	2011	Weekly	3rd Party Provider	x		
ASX (Australian Securities Ex- change)	Australia	1998	Real-time, daily	Exchange	x	X	
Bovespa	Brazil	2010	Daily	Exchange	Х		
Bursa Malaysia	Asia	1995	Real-time	Exchange	X	X	
Canadian Weather Data	Canada	2005	Daily	3rd Party Provider	X		
CBOT (Chicago Board of Trade)	Corn, Stocks of Grain Data	1930	RT, Daily, Weekly	Exchange	x		
CFTC (Commodity Futures Trading Commission)	Cotton On-Call, Commitment of Traders, Commodi- ty Index Trader	2003	Weekly	Public Agency	х	х	
CME (Chicago Mer- cantile Exchange)	Dairy, Livestock, Lumber, Grains and Oilseeds	1970	Real-time	Exchange	x	х	
CME Europe	Cocoa and Fertiliz- er Instruments	2014	Real-time	Exchange	х	х	
Consensus, Inc.	US, Europe	1983	Weekly	Publisher	Х		
CZCE (Chinese Zhengzhou Com- modity Exchange)	Asia - Sugar, Cot- ton, Wheat, Rice, PTA, Rapeseed Oil	2005	Daily	Exchange	х	х	
Dalian Commodity Exchange (DCE)	Asia	2005	Daily	Exchange	Х	Х	
Dow Jones	UBS Commodity Index	2009	Daily	3rd Party Provider	Х		
EEX (European Energy Exchange) Agriculture	Europe	2015	Real-time	Exchange	x	x	
ESALQ (Center for Advanced Studies on Applied Economics)	Brazilian Agricul- tural Economic Data	2005	Daily	Publisher	х		
EPA	US, Renewable Fuels	2010	Monthly	Public Agency	X		
Euronext Com- modities	Milling Wheat, Rapeseed, Corn, Dairy Products	1994	Real-time	Exchange	х	х	
Eurostat	Europe, Africa	1998	Monthly, Quarterly, Annually	Public Agency	x	Х	
Food and Agrucul- tural Organization of the UN	Europe	1961	Daily	Public Agency	х		
Genscape	North America	2003	Varies	3rd Party Provider	X		Х
GeoGrain	North America Cash Grain Bids	2009	Faily	Publisher	х		
Global Dairy Trade	Dairy	1999	Bimonthly	Publisher	Х		
Ice Futures Canada	Canada	1980	Real-time	Exchange	х		
ICE LIFFE Com- modities (formerly NYSE LIFFE)	Europe, Cocoa Futures/Options	1983	Real-time	Exchange	x		
ICE Futures US	US	2003	Real-time	Exchange	х	х	
Iowa State Univer- sity CARD	US, biodiesel, methanol, soybean oil	2007	Weekly	3rd Party Provider	x		
Jacobsen	US biofuels/animal fat data	2003	Daily	3rd Party Provider	х		
KCBT (Kansas City Board of Trade)	US	1940	Real-time, daily	Exchange	х		
Malaysian Palm Oil Board (MPOB)	Asia	2016	Monthly	Trade Association	х		
Matba / Barchart	Europe	2010	Daily	3rd Party Provider		Х	



Agriculture	e						
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
MGEX (Minneapo- lis Grain Exchange)	US	1940	Real-time, daily	Exchange	х		
Nebraska State Government	US Ethanol	1982	Monthly	Public Agency	х		
New Leaf Cannabis Benchmarks	North America	2015	Weekly	3rd Party Provider	Х		
National Oceanic and Atmospheric Administration (NOAA)	US Actual, Fore- cast & Climate Prediction Center	1946	Daily	Public Agency	х	х	
OPIS	US Racks, Biodies- el, etc.	1987	Real-time, daily	3rd Party Provider	Х	Х	
Platts Biofuels	Global	2004	Daily, Weekly, Monthly	3rd Party Provider	Х		
Platts Kingsman Sugar Freight, Supply/Demand	Global	2013	Daily, Weekly, Monthly	3rd Party Provider	x		
Statistics Canada	Canada	1940	Daily	Public Agency	х		
TOCOM Futures	Asia	1993	Real-time, delayed	Exchange	Х		
US International Trade Commission	US Denatured and Undenatured Ethanol Exports	1989	Weekly, Annually	Public Agency	Х		
USDA (US Department of Agriculture)	WASDE - Quick Stats, Crop Pro- duction, US, AMS Gateway Grain Basis, FAS US Export Sales, AMS Shipping Point Avg, AMS Daily Ethanol Report, ERS	Varies	Weekly, Monthly, Annually, Daily	Public Agency	х	х	

Financial							
Financial							
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
ABN Amro	Europe	2010	Daily	Financial Insti- tution		X	
ASX (Australian Securities Ex- change)	Australia - Interest Rates & Treasury Bonds	1998	Daily	Exchange	x	х	
Bank of Canada	Canada	2010	Daily	Public Agency	Х	X	
Bank of England	UK - CPI, GDP, Retail Price Index	2002	Quartely	Public Agency	Х	Х	
Bank of Mexico	Mexico	2010	Daily	Public Agency	Х	Х	
Bank of Negara Malaysia	Malaysia	2010	Daily	Public Agency	X	X	
Bank of New Zealand	New Zealand	2010	Daily	Public Agency	X	Х	
BBA (LIBOR)	UK	2009	Daily	Trade Association	Х		
Bloomberg	Global	2010	Daily	3rd Party Provider		Х	
Borsa Italiana Indices	Europe	2016	Daily	Exchange	X		
Brazilian Central Bank	Brazil	2010	Daily	Public Agency	X	Х	
Bursa Malaysia	Asia	1995	Real-time	Exchange	X	X	
CBOE VIX Cash Price	US	2004	Daily	Exchange	X	Х	
CME (Chicago Mercantile Exchange)	Global - FX, Equi- ties, Indices, Real Estate, Interest Rates, Margin Re- quirements (Crude, Biofuels, Power, Nat Gas, Heating Oil, RBOB)	Varies	Real-time, delayed	Exchange	X	x	
CNB (Czech National Bank)	Czech Republic	2010	Daily	Public Agency		Х	
Consensus, Inc.	US, Canada, Europe	1983	Weekly	Publisher	X		
Destatis	Germany	2010	Daily	Public Agency		X	
ECB (European Central Bank)	Europe	2010	Daily	Financial Insti- tution	Х	х	
EIBOR - Emirates Interbank Offered Rates	U.A.E.	1998	Daily	Financial Insti- tution	Х		
EONIA	Europe	2010	Daily	Financial Insti- tution	X	X	
EURIBOR	Europe	2010	Daily	Financial Insti- tution	Х	х	
Euribor Interest Rates	Europe	1994	Daily	Financial Insti- tution	Х	х	
Euronext LIFFE	Europe	1955	Daily	Exchange	х		
Federal Reserve Bank of St. Louis (FRED)	US Economic Data	1960	D, W, M, Q, A	Public Agency	х		
FRB (Federal Reserve Bank)	US - CD & Mort- gage Rates	2014	Daily	Public Agency		Х	
FTSE	Europe	1993	Streaming Delayed	Exchange	Х		
GTIS	Forward Cross- rates	1986	Real-time, daily	3rd Party Provider	х		
Hong Kong Futures Exchange	Asia	1968	Daily	Exchange	x		
ICE Futures US (NYBOT)	US	1972	Real-time, daily	Exchange	х		
IMM (International Monetary Market)	Global	2009	Daily	Exchange	х		
Jakarta Stock Exchange	Asia	1992	Daily	Exchange	х		

Financial							
PROVIDER	REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
Japan Tariff Asso- ciation	Asia, Mideast, Aus- tralia - Exchange Rates	2015	Weekly	Public Agency	X		
London Stock Exchange	Europe	1995	Streaming Delayed	Exchange	X		
National Bank of Poland	Global FX Rates	2007	Daily	Public Agency	х		
Norges Bank	Norway	2010	Daily	Public Agency	х	Х	
PKN Orien/Lotos	Europe, Africa - Polish Index Value	2004	Daily	3rd Party Provider	х		
Reserve Bank of Australia	Australia	2010	Daily	Public Agency	х	Х	
Refinitiv	Global	2010	Daily	3rd Party Provider		Х	
Singapore Ex- change (SGX)	Global	2003	Real-time, daily	Exchange	х	X	
Spanish Govern- ment	Europe - Consumer Price Index	1985	Monthly	Public Agency	х		
SSE (Shanghai Stock Exchange)	China	1999	Daily	Exchange	х		
Swiss Exchange	Europe	2015	Daily	Exchange	Х		
TSX (Toronto Stock Exchange)	Canada		Delayed	Exchange	х		
Tullett Prebon	Global	2010	Daily	Broker	Х	X	

<b>Fundament</b> a	ıls					
REGIONAL CONTENT/ DESCRIPTION	START DATE	FREQUENCY	VENDOR TYPE	MARKETVIEW	DATAMANAGER	PROPRIETARY DATA*
Global	2010	Weekly	Trade Association	х		
Australia, CPI	1972	Quarterly	Public Agency	х		
Global	1975	Weekly	3rd Party Provider	х	Х	
US	1926	Monthly, Annually	Public Agency	x	x	
US	2003	Weekly	Public Agency	х	х	
UK	1970	Weekly, Monthly, Quarterly, Annually	Public Agency	x	x	
Global - Produc- tion, Consumption, Stocks, Imports, Exports	1998	Weekly, Annually	Public Agency	х	х	
Global	2010	Weekly	3rd Party Provider	х		
State Energy	1800	Monthly, Quarterly, Annually	Public Agency	х	Х	
Global	2010	Weekly, Monthly	Trade Association	x	х	
Canada	1940	Daily	Public Agency	х		
Global, Internation- al Trade	2012	Annually	Public Agency	x		
Canada	1908	Daily	Public Agency	Х	х	
US	1967	Daily	Public Agency	x		
US	1919	Monthly	Public Agency	X		
	REGIONAL CONTENT/ DESCRIPTION  Global  Australia, CPI Global  US  US  UK  Global - Production, Consumption, Stocks, Imports, Exports Global  State Energy  Global  Canada  Global, International Trade  Canada	REGIONAL CONTENT/ DESCRIPTION  Global 2010  Australia, CPI 1972  Global 1975  US 1926  US 2003  UK 1970  Global - Production, Consumption, Stocks, Imports, Exports Global 2010  State Energy 1800  Global 2010  Canada 1940  Global, International Trade 2012  Canada 1908	REGIONAL CONTENT/ DESCRIPTION  Global 2010 Weekly  Australia, CPI 1972 Quarterly  Global 1975 Weekly  US 1926 Monthly, Annually  US 2003 Weekly  UK 1970 Weekly, Monthly, Quarterly, Annually  Global - Production, Consumption, Stocks, Imports, Exports  Global 2010 Weekly  State Energy 1800 Monthly, Quarterly, Annually  Global 2010 Weekly  Canada 1940 Daily  Global, International Trade  Global 1908 Daily	REGIONAL CONTENT/ DESCRIPTIONSTART DATEFREQUENCYVENDOR TYPEGlobal2010WeeklyTrade AssociationAustralia, CPI1972QuarterlyPublic AgencyGlobal1975Weekly3rd Party ProviderUS1926Monthly, AnnuallyPublic AgencyUS2003WeeklyPublic AgencyUK1970Weekly, Monthly, Quarterly, AnnuallyPublic AgencyGlobal - Production, Consumption, Stocks, Imports, Exports1998Weekly, AnnuallyPublic AgencyGlobal2010Weekly3rd Party ProviderState Energy1800Monthly, Quarterly, AnnuallyPublic AgencyGlobal2010Weekly, MonthlyTrade AssociationCanada1940DailyPublic AgencyGlobal, International Trade2012AnnuallyPublic AgencyCanada1908DailyPublic Agency	REGIONAL CONTENT/ DESCRIPTION  Global 2010 Weekly Trade Association X  Australia, CPI 1972 Quarterly Public Agency X  Global 1975 Weekly 3rd Party Provider X  US 1926 Monthly, Annually Public Agency X  US 2003 Weekly Public Agency X  UK 1970 Weekly, Monthly, Quarterly, Annually Public Agency X  Global - Production, Consumption, Stocks, Imports, Exports  Global 2010 Weekly 3rd Party Provider X  Weekly, Annually Public Agency X  Global 2010 Weekly 3rd Party Provider X  State Energy 1800 Monthly, Quarterly, Annually Public Agency X  Global 2010 Weekly 3rd Party Provider X  Global 2010 Weekly Monthly Trade Association X  Global 2010 Weekly, Monthly Trade Association X  Global 1940 Daily Public Agency X  Global, International Trade 2012 Annually Public Agency X  Canada 1908 Daily Public Agency X	REGIONAL CONTENTY DESCRIPTION  Global 2010 Weekly Trade Association X  Australia, CPI 1972 Quarterly Public Agency X  Global 1975 Weekly 3rd Party Provider X X  US 1926 Monthly, Annually Public Agency X  US 2003 Weekly Public Agency X X  UK 1970 Weekly, Monthly, Quarterly, Annually Public Agency X X  State Energy 1800 Monthly, Quarterly, Annually Public Agency X X  Global - Production, Stocks, Imports, Exports  Global 2010 Weekly 3rd Party Provider X  State Energy 1800 Monthly, Quarterly, Annually Public Agency X X  Global 2010 Weekly 3rd Party Provider X  Global 2010 Weekly Annually Public Agency X X  Global 2010 Weekly Trade Association X X  Global 1940 Daily Public Agency X  Global, International 2012 Annually Public Agency X  Canada 1940 Daily Public Agency X

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<sup>\*</sup>Proprietary data is defined as data for which we do not have a redistribution agreement with the vendor. For this data, we are solely a data storage and analytics platform. The client has the agreement with the vendor, they are the recipients of the data, and we access the data on behalf of the clients using their credentials.

## **ENVERUS** Trading & Risk

# DATA INCLUDED IN A STANDARD MARKETVIEW SUBSCRIPTION

» AMEX (Delayed)       » Euronext NYSE LIFFE Exchange (End of Day)       » Newsfile Corp Canadian Stock         » Associated Press       » European Commission—Eurostat       » NOAA—National Weather Service         » Baker Hughes       » FAOSTAT—Food and Agriculture Organization of the United Nations       » NYMEX (Delayed)         » The Beef News       » Federal Reserve Statistics (End of Day)       » New York Stock Exchange (Delayed)         » BLS—Bureau of Labor Statistics       » Foreign Exchange Rates       » ONS—Office of National Statistics UK         » BMF—Brazilian Mercantile and Futures Exchange (End of Day)       » Frankfurt Exchange Index (End of Day)       » OPCOM—Romanian Electricity         » Bolsa de Madrid Index (End of Day)       » FTSE (Delayed)       » OPEC—Basket Price         » Borsa Italiana Indices (End of Day)       » GIE—European Gas Infrastructure       » Petroleum Association of Japan         » Bursa Malaysia (End of Day)       » GlobalView Web Wires News       » Railroad Performance Measures         » California Energy Commission       » GME—Gestore Mercati Energetici       » SHFE—Shanghai Futures Exchange (End of Day)         » CBOT (Delayed)       » GTIS—FX Live       » Shanghai Stock Exchange (End of Day)         » CFTC—Commitment of Traders, Commodity Index Trader       » Hang Seng Index (End of Day)       » Statistics Canada		» EURIBOR Rates	» NASDAQ Index (End of Day)
Australian Bureau of Statistics      Baker Hughes      Apriculture Organization of the United Nations      Apriculture Organization of the United Nations      Apriculture Organization of the United Nations      Approximate Service      Approximate Service Service      Approximate Service	» AMEX (Delayed)	» Euronext NYSE LIFFE Exchange (End of Day)	» Nebraska State Government
***SEASTAT—Food and Agriculture Organization of the United Nations  ***NYMEX (Delayed)  ***New York Stock Exchange (Delayed)  ***NYMEX (Delayed)  ***New York Stock Exchange (Delayed)  ***New York Stock Exchange (End of Day)  ***New York Stock Exchange (End of Day	» Associated Press	» Euronext Index (End of Day)	» Newsfile Corp Canadian Stock
** Baker Hugnes**  **United Nations**  **NTMEX (Delayed)*  **NEW York Stock Exchange (Delayed)*  **NONS—Office of National Statistics UK  **NONS—Office of National Stat	» Australian Bureau of Statistics	» European Commission—Eurostat	» NOAA—National Weather Service
» BLS—Bureau of Labor Statistics       » Foreign Exchange Rates       » ONS—Office of National Statistics UK         » BMF—Brazilian Mercantile and Futures Exchange (End of Day)       » Frankfurt Exchange Index (End of Day)       » OPCOM—Romanian Electricity         » Bolsa de Madrid Index (End of Day)       » FTSE (Delayed)       » OPEC—Basket Price         » Borsa Italiana Indices (End of Day)       » GIE—European Gas Infrastructure       » Petroleum Association of Japan         » Bursa Malaysia (End of Day)       » GlobalView Web Wires News       » Railroad Performance Measures         » California Energy Commission       » GME—Gestore Mercati Energetici       » SHFE—Shanghai Futures Exchange (End of Day)         » CBOT (Delayed)       » GTIS—FX Live       » Shanghai Stock Exchange (End of Day)         » CFTC—Commitment of Traders, Commodity Index       » Hang Song Index (End of Day)	» Baker Hughes		» NYMEX (Delayed)
***BMF—Brazilian Mercantile and Futures Exchange (End of Day)  ***BMF—Brazilian Mercantile and Futures Exchange (End of Day)  ***Bolsa de Madrid Index (End of Day)  ***Bolsa de Madrid Index (End of Day)  ***Borsa Italiana Indices (End of Day)  ***Borsa Italiana Indices (End of Day)  ***Bursa Malaysia (End of Day)  *	» The Beef News	» Federal Reserve Statistics (End of Day)	» New York Stock Exchange (Delayed)
Section of Day)	» BLS—Bureau of Labor Statistics	» Foreign Exchange Rates	» ONS—Office of National Statistics UK
» Borsa Italiana Indices (End of Day)       » GIE—European Gas Infrastructure       » Petroleum Association of Japan         » Bursa Malaysia (End of Day)       » GlobalView Web Wires News       » Railroad Performance Measures         » California Energy Commission       » GME—Gestore Mercati Energetici       » SHFE—Shanghai Futures Exchange (End of Day)         » CBOT (Delayed)       » GTIS—FX Live       » Shanghai Stock Exchange (End of Day)         » CFTC—Commitment of Traders, Commodity Index       » Hang Song Index (End of Day)		» Frankfurt Exchange Index (End of Day)	» OPCOM—Romanian Electricity
» Bursa Malaysia (End of Day)       » GlobalView Web Wires News       » Railroad Performance Measures         » California Energy Commission       » GME—Gestore Mercati Energetici       » SHFE—Shanghai Futures Exchange (End of Day)         » CBOT (Delayed)       » GTIS—FX Live       » Shanghai Stock Exchange (End of Day)         » CFTC—Commitment of Traders, Commodity Index       » Hang Song Index (End of Day)	» Bolsa de Madrid Index (End of Day)	» FTSE (Delayed)	» OPEC—Basket Price
» California Energy Commission       » GME—Gestore Mercati Energetici       » SHFE—Shanghai Futures Exchange (End of Day)         » CBOT (Delayed)       » GTIS—FX Live       » Shanghai Stock Exchange (End of Day)         » CFTC—Commitment of Traders, Commodity Index       » Hang Song Index (End of Day)	» Borsa Italiana Indices (End of Day)	» GIE—European Gas Infrastructure	» Petroleum Association of Japan
» CBOT (Delayed)  » GTIS—FX Live  » Shanghai Stock Exchange (End of Day)  » CFTC—Commitment of Traders, Commodity Index  » Hang Song Index (End of Day)  » Statistics Canada	» Bursa Malaysia (End of Day)	» GlobalView Web Wires News	» Railroad Performance Measures
» CFTC—Commitment of Traders, Commodity Index  » Hang Song Index (End of Day)  » Statistics Canada	» California Energy Commission	» GME—Gestore Mercati Energetici	» SHFE—Shanghai Futures Exchange (End of Day)
	» CBOT (Delayed)	» GTIS—FX Live	» Shanghai Stock Exchange (End of Day)
		» Hang Seng Index (End of Day)	» Statistics Canada
» Chinese Emissions  » HKFE—Hong Kong Futures Exchange (End of Day)  » TGE—Tokyo Grain Exchange (End of Day)	» Chinese Emissions	» HKFE—Hong Kong Futures Exchange (End of Day)	» TGE—Tokyo Grain Exchange (End of Day)
» CJCOM—Central Japan Commodities Exchange (End of Day)  » Huaxicun Commodity Contracts Exchange (End of Day)  » TOCOM (Delayed, End of Day)			» TOCOM (Delayed, End of Day)
» CME — Chicago Mercantile Exchange (Delayed) » HUPX—Hungarian Power Exchange » Tokyo Stock Exchange Index (End of Day)	» CME — Chicago Mercantile Exchange (Delayed)	» HUPX—Hungarian Power Exchange	» Tokyo Stock Exchange Index (End of Day)
» CME Clearport (Delayed) » ICE Futures Canada (End of Day) » TruckMiles (End of Day)	» CME Clearport (Delayed)	» ICE Futures Canada (End of Day)	» TruckMiles (End of Day)
» COMEX (Delayed) » TSX—Toronto Stock Exchange (Delayed)	» COMEX (Delayed)	» ICE Futures Europe (Delayed)	» TSX—Toronto Stock Exchange (Delayed)
» CRB—Commodity Research Bureau Indices (End of Day)  » ICE Futures US (Delayed)  » TSX Venture Exchange — Top 50 (End of Day)			
» Crude Postings—US and Canadian » ICE Futures Singapore (Delayed) » US Army Corps of Engineers—Hydropower		» ICE Futures US (Delayed)	» TSX Venture Exchange — Top 50 (End of Day)
» DaLian Commodity Exchange (End of Day) » ISO Data (Standard) » US Census Bureau	Day)		
» Department of Energy (End of Day)  » JODI—Joint Organisations Data Initiative—Fundamental adata  » US Nuclear Regulatory Commission—News	Day)  » Crude Postings—US and Canadian	» ICE Futures Singapore (Delayed)	» US Army Corps of Engineers—Hydropower

DATA INCLUDED IN A STANDARD MARKETVIEW SUBSCRIPTION						
» Department of Energy and Climate Change (DECC)	» KCBT—Kansas City Board of Trade (End of Day)	» US Stock & Index Data (Delayed)				
» EIA	» KSE—Korean Stock Exchange (End of Day)	» US International Trade Commission				
» EIBOR—Emirates Interbank Offered Rates (End of Day)	» LME—London Metal Exchange (End of Day)	» USDA—News and Prices				
» Enerdata Canadian Storage	» London Stock Exchange (Delayed)	» Weather — Environment Canada				
» EPA—RFS/RIN	» Mexican Stock Exchange Index (End of Day)	» World Bank (End of Day)				
» ERCOT (End of Day)	» MGEX—Minneapolis Grain Exchange (End of Day)	» Zhengzhou Commodity Exchange (End of Day)				

» MIBGas

» Eurex (End of Day)

### ISO DATA AVAILABLE IN MARKETVIEW

Data	Interval
ALBERTA ISO	
Actual AIS Demand	Hourly
Actual Forecast	Hourly
Pool Price	Hourly
Current Supply Demand	1-2 Minute
Day Ahead Forecast	Hourly
DDS Market Report	Hourly
Forecast Pool Price	Hourly
Merit Order Snapshot	Hourly
Metered Volumes	Hourly
System Marginal Prices	Hourly
MIDWEST ISO	
Ancillary Market MCP	5 Minute
Day Ahead Wind Forecast	Hourly
Day Ahead Wind Generation Forecast	Hourly
Energy Look Ahead	Hourly
ExAnte LMP	5 Minute
Financial Transmission Rights	Monthly
Flow	Hourly
Historical Hourly Wind	Hourly
Interchange Summary	Hourly
Load	Varies (RT=5 min/ DA=Hourly)
Real-Time Wind Generation	Hourly
Tie Flow	5 Minute
EPNode LMP	Hourly (RT and DA)
ONTARIO ISO	
Ontario Energy Price (HOEP) Pre Dispatch	Hourly Hourly
Real-Time Market Prices (5 minute)	5 Minute
Hourly Ontario and Market Demand	Hourly
Projected Market Demand	Hourly
Day Ahead Market Demand	Hourly
Real Time Market Demand	5 Minute
7 Day Forecast—CSO, De-List, Demand Response, Dew Point, Emergency Generation, High Temp, Import, Lead, Outage, Projected, Reserve	Daily
7 Day Forecast—CSO, De-List, Demand Response, Dew Point, Emergency Generation, High Temp, Import, Lead, Outage, Projected, Reserve	Daily
Projected, Reserve 7 Day Forecast—CSO, De-List, Demand Response, Dew Point, Emergency Generation, High Temp, Import, Lead, Outage, Projected, Reserve	Daily

Data	Interval
NEW YORK ISO	
Ancillary Prices	Varies (RT=5 min/ DA=Hourly)
Operating Reserve	Varies (RT=5 min/ DA=Hourly)
Spinning Reserve	Varies (RT=5 min/ DA=Hourly)
Cost Congestion	5 Minute
Cost Loss	5 Minute
Day Ahead LBMP Gen	Hourly
Day Ahead LBMP Gen Ref	Hourly
Day Ahead LBMP Zone	Hourly
Flow	5 Minute
Interface Flows	5 Minute
Load	Varies (RT=5 min/ DA=Hourly)
Locational Marginal Price	Hourly
Real Time Weighted LBMP Gen	Hourly
Real Time Weighted LBMP Gen Ref	Hourly
Real Time Weighted LBMP Zone	Hourly
Real Time LBMP Gen	5 Minute
Real Time LBMP Zone	5 Minute
UCAP Auction Summary	Monthly, Seasonal
Zonal Commitments	Hourly
NEW ENGLAND ISO	
Cleared Load Response	Hourly
Demand	Hourly
Interchange	Hourly
System Load	Hourly and 5 Minute
Locational Marginal Price	Varies (RT=5 min/ DA=Hourly)
Cost Congestion	Varies (RT=5 min/ DA=Hourly)
Cost Loss	Varies (RT=5 min/ DA=Hourly)
Energy Cost	Varies (RT=5 min/ DA=Hourly)
External Flow	5 Minute
Contingency Limit	5 Minute
Operating Reserve	Hourly (RT and DA)
Dispatch Fuel Mix	Hourly
Demand Reduction Threshold Price	Hourly
Reserve Price	5 Minute and Hourly
Regulation Clearing Price	5 Minute and Hourly
7 Day Forecast—CSO, De-List, Demand Response, Dew Point, Emergency Generation, High Temp, Import, Lead, Outage, Projected, Reserve	Daily

Data	Interval
ERCOT	
Ancillary Service Plan/Total Ancillary	Hourly
Down Regulation Service	Hourly
Up Regulation Service	Hourly
Responsive Reserve Service	Hourly
Non-Spinning Reserve Service	Hourly
Backcasted Profiles by Zone	15 Minute
Forecasted Profiles by Zone	15 Minute
Load	Hourly
Actual Load by Weather Zone	Hourly
7 Day Load Forecast by Weather Zone	Hourly
7 Day Load Forecast by Forecast Zone	Hourly
LMPs By Electrical Bus	5 minute
LMPs By Zone	5 minute
	Varies (RT = 5
Locational Marginal Price	min/DA = Hourly)
Point to Point Options	Hourly
Settlement Price Points	Varies (RT = 15 min/DA = Hourly)
Total Energy Purchased / Sold	Hourly
Wind Production	Varies (RT = 5 min/DA = Hourly)
Indicative Prices	5 Minute
Short Term Adequacy Report	Hourly
System Wide Demand	15 Minute
Weather Assumptions	Hourly
48 Hour Gen and Load Data	
Aggregate Demand Side Response	15 Minute
Generation Summary	15 Minute
Load Summary	15 Minute
Output Schedule	15 Minute
Hourly Resource Outage Capacity	Hourly
ORDC and Reliability Deployment Prices	15 Minute
Real Time System Conditions	5 Minute
SOUTHWEST POWER POOL	3 Millate
LMP by Bus	RT=5 Minute
•	DA=Hourly RT=5 Minute
LMP by Location	DA=Hourly
Market Clearing Price	RT=5 Minute DA=Hourly
Load Forecast	Short Term=5 Minute, Medium Term=Hourly
Wind Forecast	Short Term=5 Minute, Day Ahead=Hourly
Generation Mix Data	5 Minute
Real-Time Operating Reserve	5 Minute

Data	Interval
CALIFORNIA ISO	
Constraints (Shadow Price)	Varies RT=5 min / DA=Hourly
HASP Real-Time Data	15 Minute
Cost Congestion	15 Minute
Cost Loss	15 Minute
Energy Cost	15 Minute
Locational Marginal Price	Varies RT=5 min/ DA=Hourly
Cost Congestion	Varies RT=5 min/ DA=Hourly
Cost Loss	Varies RT=5 min/ DA=Hourly
Energy Cost	Varies RT=5 min/ DA=Hourly
FMM Scheduling Point/Tie Combo	15 Minute
System Information	Hourly
Actual Operating Reserves	5 Minute
Ancillary Prices	Varies RT=5 min/ DA=Hourly
Down Regulation Service	Varies RT=5 min/ DA=Hourly
Up Regulation Service	Varies RT=5 min/ DA=Hourly
Responsive Reserve Service	Varies RT=5 min/ DA=Hourly
AS Requirements	Varies RT=15 min/ DA=Hourly
Non-Spinning Reserve Service	Varies RT=5 min/ DA=Hourly
Demand	5 Minute / Hourly
Load	Varies RT=5 min/ DA=Hourly
Fifteen Minute Marker LMP	15 Minute
Cost Congestion	15 Minute
Cost Loss	15 Minute
Energy Cost	15 Minute
Green House Gas	15 Minute
Solar Wind Gen Forecast	Hourly
Greenhouse Gas Allowance	Daily
Convergence Bidding Awards Agg	Hourly
Transmission Interface Usage	Varies RT=5 min/ DA=Hourly
HASP Transmission Interface Usage	15 Minute
Curtailment  Nomogram/Branch Shadow Prices	Daily Varies RT=5 min/
-	DA=Hourly
	45.40
HASP Nomogram/Branch Shadow Price	15 Minute
Intertie Constraint Shadow Prices	Varies RT=5 min/ DA=Hourly
Intertie Constraint Shadow Prices  HASP Intertie Constraint Shadow Prices	Varies RT=5 min/ DA=Hourly 15 Minute
Intertie Constraint Shadow Prices  HASP Intertie Constraint Shadow Prices  Fuel Prices	Varies RT=5 min/ DA=Hourly 15 Minute Hourly
Intertie Constraint Shadow Prices  HASP Intertie Constraint Shadow Prices  Fuel Prices  Net Cleared Convergence Bidding Awards	Varies RT=5 min/ DA=Hourly 15 Minute Hourly DA Hourly
Intertie Constraint Shadow Prices  HASP Intertie Constraint Shadow Prices  Fuel Prices	Varies RT=5 min/ DA=Hourly 15 Minute Hourly DA Hourly Daily
Intertie Constraint Shadow Prices  HASP Intertie Constraint Shadow Prices Fuel Prices  Net Cleared Convergence Bidding Awards Peak Demand Forecast  Market Available Transmission Capacity	Varies RT=5 min/ DA=Hourly 15 Minute Hourly DA Hourly
Intertie Constraint Shadow Prices  HASP Intertie Constraint Shadow Prices Fuel Prices  Net Cleared Convergence Bidding Awards Peak Demand Forecast	Varies RT=5 min/ DA=Hourly 15 Minute Hourly DA Hourly Daily Varies RT=5 min/

Data	Interval
РЈМ	
Ancillary	5 Minute
Billing Rates for Operating Reserves	Daily
Day Ahead Flow Limits	Hourly
Day Ahead Loads	Hourly
Dispatch	5 Minute
Forecast Load	Hourly
Forecast Regional Load	Hourly
Forecast Total Load	Hourly
Generation	Hourly
Generation Outages for 7 Days	Daily
Instantaneous Load (Regional / Zonal)	5 Minute
Interchange	Hourly
Load (Metered / Day Ahead)	DA=Hourly, Metered=Daily
Locational Marginal Price	5 Minute
Cost Congestion	5 Minute
Cost Loss	Hourly
Market Demand	Hourly
Monthly FTRs Zonal LMP	Hourly
Net Tie Schedule	Hourly
PJM Node Mapping	Monthly
Operations Summary	Daily
Real-time Loads	Hourly
Real-time (5-minute) Operational Page	5 Minute
Transfer Interface	5 Minute
Wind	5 Minute
Wind forecast	5 Minute
Recon Billing Determinants	Hourly / Daily
Forecasted Gen Outage	Hourly
ACE	Minute
Preliminary Load	Hourly
Estimated Load	Hourly



Real-Time and Fixed News Services Via MarketView		
Agrimoney RSS News	Kase and Company	
American Soybean Association	National Agricultural Statistics Service (NASS)	
Arabian Oil and Gas News	New Leaf Cannabis Benchmarks News	
Argus—Real-Time News and Reports	Newsfile Corp Canadian Stock	
Associated Press RSS News	NordPool—Market Reports	
Baking Business RSS News	NYMEX Block Trades	
Bentek	Oil Review Middle East News	
BTU Analytics	OPEC Monthly Oil Market Report	
The Beef News	OPIS—Real-Time News and Reports	
CFTC—Commodity Index Trader Report	Oryza-Global Rice News	
CME Agriculture, Energy, Metals, Weather, and Financial Video News	Platts—All Real-Time News, Wires, and Market Alerts	
Dow Jones Energy Service-Petroleum, Power, Gas, Commodities, AgriWire	PetroChem Wire	
EIA—Live Status Reports and Statistics, Natural Gas Weekly Storage Report, Energy Outlook	RIM Intelligence—Daily Intelligence Report	
Enerdata—Canadian Storage News	Scudder Publishing Reports	
Energy Intelligence—World Energy Opinions	SmartBrief RFA News-Ethanol	
Ethanol Producer Magazine	SNL News—Power, Gas, & Coal	
European Commission-Eurostat	US Nuclear Regulatory Commission—News	
Genscape PDF News	USAgNet RSS News	
GlobalView Webwires-Best of the Web	USDA Animal & Plant Health Inspection Service (APHIS)	
ICIS Heren Energy-European Gas and Electricity	USDA Agricultural Marketing Service (AMS)	
ISO-Notifications and Reports (ERCOT, CAISO, MISO, NEISO)	USDA Latest News	
JLC Information Co.	USDA NASS—CAIR News	

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