

1134 Budapest, Dévai utca 26-28. Telefon: (+36 1) 304 1090 Fax: (+36 1) 304 1099 Web: www.hudex.hu

Products List and Specifications Power segment

HUDEX Long Term Hungarian Financial Power Base Load Product		
Product Name	HUDEX Long Term Hungarian Financial Power Base Load Product	
Description	Long term financial product with the value of power from hour 01 on the first day of the Contract period until hour 24 on the last day of the Contract period where power may be delivered in the Hungarian	
	Transmission System.	
Listing day	3 rd of January 2018	
Underlying product	Electrical power transiting over the Hungarian transmission system managed by MAVIR Ltd. (the Hungarian TSO).	
Basic quality of the underlying product	Electrical power with defined voltage, frequency, cosine φ displacement factor and cut-off frequencies, in compliance with the regulations of the grid code of the Hungarian electricity system.	
Lot size (minimum tradable volume)	1 MW	
Maximum quantity	1000 MW	
Price characteristics	In euro per MWh with two decimal digits	
Tick (minimum tick value)	One euro cent per MWh; 0.01 €/MWh	
Minimum and maximum prices	0.01 €/MWh / <u>2</u> 000.00 €/MWh	
Trading Days	According to the Trading Calendar	
Trading session opening	According to the Trading Calendar	
Trading procedure	Continuous	
Clearing and Settlement	The Clearing House for the Power Segment of HUDEX is the European Commodity Clearing AG (ECC) according to the Market Rules of HUDEX.	
Settlement Prices	Settlement Prices are calculated according to the Market Rules of HUDEX on each Trading Day. The determination of the final settlement price is based on an index which is the mean value of HUPX DAM base prices traded for the respective delivery period (Contract).	
Delivery Point	No direct physical delivery shall be possible. Optional physical delivery may be requested. Physical delivery will be executed through HUPX Day-Ahead Market.	
HUDEX Long Term Hungarian Financial Power Base Load Contracts		
Contract series	Front 4 individual Weeks Front 6 individual Months Front 7 individual Quarters (defined as Jan-Mar, Apr-Jun, Jul-Sep and Oct- Dec) Front 6 individual Years (defined as Jan-Dec)	
Contract size	1 MW x days x hours Weekly Contract series: 168 MWh (Normal week) 167 MWh (March week summertime change) 169 MWh (October week wintertime change)	
	Monthly Contract series:	

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	672 MWh (Feb, non-leap) 743 MWh (Mar)
Opening Day	696 MWh (Feb, leap) 744 MWh (Jan, May, Jul, Aug, Dec) 720 MWh (Apr, Jun, Sep, Nov) 745 MWh (Oct) Opening of new Contract takes place at expiry of old Contract series
Opening Day	
Last Trading Day and cascading	The Last Trading Day of a Contract takes place 2 Clearing House's business days before start of the delivery period for weekly and monthly Contracts, and 3 Clearing House's business days for quarterly and yearly Contracts.
	Yearly Contract cascades into 3 individual Monthly Contracts and 3 Quarterly Contracts. Quarterly Contract cascades into 3 individual Monthly Contracts.
	For Weekly Contract series no cascading is applied.
Method of delivery	HUDEX Member holding a position for a Contract may request physical fulfilment up to its positions for Monthly and Weekly products.
Rules of physical delivery	HUDEX ensures an internet-based webtool for submission of the physical delivery requests
	Deadlines of the submission:
	Weekly Products: one business day ahead of delivery until 11:00 CET
	Monthly Products: two business days ahead of delivery until 15:00 CET
	Monthly Contract is tradable until 13:00 CET on its last Trading Day due to the optional physical delivery process,

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HUDEX Long Term Hungarian Financial Power Peak Load Product		
Product Name	HUDEX Long Term Hungarian Financial Power Peak Load Product	
Description	Long term financial product with the value of power from hour 09 on all weekdays, public holidays included until hour 20 during the Contract period where power may be delivered in the Hungarian Transmission System	
Listing day	3 rd of January 2018	
Underlying product	Electrical power transiting over the Hungarian transmission system managed by MAVIR Ltd. (the Hungarian TSO).	
Basic quality of the underlying product	Electrical power with defined voltage, frequency, cosine φ displacement factor and cut-off frequencies, in compliance with the regulations of the grid code of the Hungarian electricity system.	
Lot size (minimum tradable volume)	1 MW	
Maximum quantity	1000 MW	
Price characteristics	In euro per MWh with two decimal digits	
Tick (minimum tick value)	One euro cent per MWh; 0.01 €/MWh	
Minimum and maximum prices	0.01 €/MWh / <u>2</u> 000.00 €/MWh	
Trading Days	According to the Trading Calendar	
Trading session opening	According to the Trading Calendar	
Trading procedure	Continuous	

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Clearing and Settlement	The Clearing House for the Power Segment of HUDEX is the European Commodity Clearing AG (ECC) according to the Market Rules of HUDEX.
Settlement Prices	Settlement Prices are calculated according to the Market Rules of HUDEX on each Trading Day. The determination of the final settlement price is based on an index which is the mean value of HUPX DAM peak prices traded for the respective delivery period (Contract).
Delivery Point	No direct physical delivery shall be possible. Optional physical delivery may be requested. Physical delivery will be executed through HUPX Day-Ahead Market.
HUDEX Long	Term Hungarian Financial Power Peak Load Contracts
Contract series	Front 6 individual Months
	Front 7 individual Quarters (defined as Jan-Mar, Apr-Jun, Jul-Sep and Oct- Dec)
<u> </u>	Front 6 individual Years (defined as Jan-Dec)
Contract size	1 MW x weekdays in Contract period x 12 hours
Opening day	Introduction of new Contract series is at expiry of old Contract series
Last Trading Day and cascading	The Last Trading Day of a Contract takes place 2 Clearing House's business days (according to the Clearing House's calendar) before start of the delivery period for weekly and monthly Contracts, and 3 Clearing House's business days for quarterly and yearly Contracts.
	Yearly Contract cascades into 3 individual Monthly Contracts and 3 Quarterly Contracts. Quarterly Contract cascades into 3 individual Monthly Contracts.
Method of delivery	HUDEX Member holding a position for a Contract may request physical fulfilment up to its positions for Monthly products.
	HUDEX ensures an internet-based webtool for submission of the physical delivery requests
Rules of physical delivery	Deadline of the submission:
Rules of physical delivery	Monthly Products: two business days ahead of delivery until 15:00 CET
	Monthly Contract is tradable until 13:00 CET on its last Trading Day due to the optional physical delivery process



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HUDEX Sho	rt Term Hungarian Financial Power Base Load Product
Product Name	HUDEX Short Term Hungarian Financial Power Base Load Product
Description	Short term financial product with the value of power on the Hungarian transmission system from hour 01 on the first day of the Contract period until hour 24 on the last day of the Contract period.
Listing day	12 th of November 2018
Underlying product	Electrical power transiting over the Hungarian transmission system managed by MAVIR Ltd. (the Hungarian TSO).
Basic quality of the underlying product	Electrical power with defined voltage, frequency, cosine φ displacement factor and cut-off frequencies, in compliance with the regulations of the grid code of the Hungarian electricity system.
Lot size (minimum tradable volume)	1 MW
Maximum quantity	1000 MW
Price characteristics	In euro per MWh with two decimal digits
Tick (minimum tick value)	One euro cent per MWh; 0.01 €/MWh
Minimum and maximum prices	0.01 €/MWh / <u>2</u> 000.00 €/MWh
Trading Days	According to the Trading Calendar
Trading session opening	According to the Trading Calendar
Trading procedure	Continuous
Clearing and Settlement	The Clearing House for the Power Segment of HUDEX is the European Commodity Clearing AG (ECC) according to the Market Rules of HUDEX.
Settlement Prices	Settlement Prices are calculated according to the Market Rules of HUDEX on each Trading Day. The determination of the final settlement price is based on an index which is the mean value of HUPX DAM base prices traded for the respective delivery period (Contract).
Delivery Point	No physical delivery shall be possible.
HUDEX Shor	t Term Hungarian Financial Power Base Load Contracts
Contract series	Front 6 individual Days
	Front 1 individual Weekends
	1 MW x days x hours
	Day Contract series:
	24 MWh (Normal day)
	23 MWh (day of summertime change)
Contract size	25 MWh (day of wintertime change)
	Weekend Contract series:
	48 MWh (Normal weekend)
	47 MWh (weekend of summertime change)
	49 MWh (weekend of wintertime change)
Opening Day	Opening of new Contract takes place at expiry of old Contract series
Last Trading Day and cascading	The Last Trading Day of a Contract takes place 1 Clearing House's business day before start of the delivery period.
	No cascading is applied.

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