

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Pennsylvania Compliance Alternative Energy Certificate Tier 1 Vintage 2022 Bankable Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier 1 Alternative Energy Certificates (“Pennsylvania Tier 1 AEC”) where an AEC is an electronic certificate issued by PJM GATS for qualifying generation.
Contract Code	PBF
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier 1 AECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.01 per MWh; Nodal T7: \$0.01 per MWh
Settlement Price Precision	\$0.01 per MWh
Last Trading Day	Three Business Days prior to the last Business Day of the delivery month. For December expiries, Last Trading Day is the fourth Business Day prior to the last Business Day of the delivery month, unless otherwise specified by the Exchange.
Delivery Day	Three Business Days after the Last Trading Day
Contract Series	Monthly contracts for Jun, Jul, and Aug of the vintage year, plus two additional years. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years.
Deliverable Product	Pennsylvania Tier 1 AECs eligible for delivery are those which are eligible to meet the Tier 1 renewable energy requirement in the state of Pennsylvania. The requirements are specified in Pennsylvania Statutes Title 73 Chapter 18F and issued by PJM GATS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract or any prior vintage year that is bankable and can be used for compliance in the specified vintage year without limitation at the time of physical delivery.
Registry	PJM-EIS Generation Attribute Tracking System (PJM GATS)
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The Daily Settlement Price on the Last Trading Day
Delivery	On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Settlement and Delivery) of the Nodal Clear Rulebook.
Final Settlement Day	The Final Settlement Day is the third Business Day after the Last Trading Day, with payment settled on the same day or the next Clearing House business day, as defined by the Clearing House Rules, following the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:45am (EPT) on the third Clearing House business day after the Last Trading Day, the payment will be made on the same day during the Midday Margin Cycle; if it is available after 11:45am (EPT), the payment will be made on the next Margin Cycle which will be the next Clearing House business day)

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ITEM	SPECIFICATION
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Pennsylvania Compliance Alternative Energy Certificate Tier 1 Vintage 2023 Bankable Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier 1 Alternative Energy Certificates (“Pennsylvania Tier 1 AEC”) where an AEC is an electronic certificate issued by PJM GATS for qualifying generation.
Contract Code	PBG
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier 1 AECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.01 per MWh; Nodal T7: \$0.01 per MWh
Settlement Price Precision	\$0.01 per MWh
Last Trading Day	Three Business Days prior to the last Business Day of the delivery month. For December expiries, Last Trading Day is the fourth Business Day prior to the last Business Day of the delivery month, unless otherwise specified by the Exchange.
Delivery Day	Three Business Days after the Last Trading Day
Contract Series	Monthly contracts for Jun, Jul, and Aug of the vintage year, plus two additional years. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years.
Deliverable Product	Pennsylvania Tier 1 AECs eligible for delivery are those which are eligible to meet the Tier 1 renewable energy requirement in the state of Pennsylvania. The requirements are specified in Pennsylvania Statutes Title 73 Chapter 18F and issued by PJM GATS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contractor any prior vintage year that is bankable and can be used for compliance in the specified vintage year without limitation at the time of physical delivery.
Registry	PJM-EIS Generation Attribute Tracking System (PJM GATS)
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The Daily Settlement Price on the Last Trading Day
Delivery	On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Settlement and Delivery) of the Nodal Clear Rulebook.
Final Settlement Day	The Final Settlement Day is the third Business Day after the Last Trading Day, with payment settled on the same day or the next Clearing House business day, as defined by the Clearing House Rules, following the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:45am (EPT) on the third Clearing House business day after the Last Trading Day, the payment will be made on the same day during the Midday Margin Cycle; if it is available after 11:45am (EPT), the payment will be made on the next Margin Cycle which will be the next Clearing House business day)

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Pennsylvania Compliance Alternative Energy Certificate Tier 1 Vintage 2024 Bankable Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier 1 Alternative Energy Certificates (“Pennsylvania Tier 1 AEC”) where an AEC is an electronic certificate issued by PJM GATS for qualifying generation.
Contract Code	PBH
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier 1 AECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.01 per MWh; Nodal T7: \$0.01 per MWh
Settlement Price Precision	\$0.01 per MWh
Last Trading Day	Three Business Days prior to the last Business Day of the delivery month. For December expiries, Last Trading Day is the fourth Business Day prior to the last Business Day of the delivery month, unless otherwise specified by the Exchange.
Delivery Day	Three Business Days after the Last Trading Day
Contract Series	Monthly contracts for Jun, Jul, and Aug of the vintage year, plus two additional years. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years.
Deliverable Product	Pennsylvania Tier 1 AECs eligible for delivery are those which are eligible to meet the Tier 1 renewable energy requirement in the state of Pennsylvania. The requirements are specified in Pennsylvania Statutes Title 73 Chapter 18F and issued by PJM GATS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contractor any prior vintage year that is bankable and can be used for compliance in the specified vintage year without limitation at the time of physical delivery.
Registry	PJM-EIS Generation Attribute Tracking System (PJM GATS)
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The Daily Settlement Price on the Last Trading Day
Delivery	On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Settlement and Delivery) of the Nodal Clear Rulebook.
Final Settlement Day	The Final Settlement Day is the third Business Day after the Last Trading Day, with payment settled on the same day or the next Clearing House business day, as defined by the Clearing House Rules, following the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:45am (EPT) on the third Clearing House business day after the Last Trading Day, the payment will be made on the same day during the Midday Margin Cycle; if it is available after 11:45am (EPT), the payment will be made on the next Margin Cycle which will be the next Clearing House business day)

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Pennsylvania Compliance Alternative Energy Certificate Tier 1 Vintage 2025 Bankable Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier 1 Alternative Energy Certificates (“Pennsylvania Tier 1 AEC”) where an AEC is an electronic certificate issued by PJM GATS for qualifying generation.
Contract Code	PBI
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier 1 AECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.01 per MWh; Nodal T7: \$0.01 per MWh
Settlement Price Precision	\$0.01 per MWh
Last Trading Day	Three Business Days prior to the last Business Day of the delivery month. For December expiries, Last Trading Day is the fourth Business Day prior to the last Business Day of the delivery month, unless otherwise specified by the Exchange.
Delivery Day	Three Business Days after the Last Trading Day
Contract Series	Monthly contracts for Jun, Jul, and Aug of the vintage year, plus two additional years. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years.
Deliverable Product	Pennsylvania Tier 1 AECs eligible for delivery are those which are eligible to meet the Tier 1 renewable energy requirement in the state of Pennsylvania. The requirements are specified in Pennsylvania Statutes Title 73 Chapter 18F and issued by PJM GATS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contractor any prior vintage year that is bankable and can be used for compliance in the specified vintage year without limitation at the time of physical delivery.
Registry	PJM-EIS Generation Attribute Tracking System (PJM GATS)
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The Daily Settlement Price on the Last Trading Day
Delivery	On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Settlement and Delivery) of the Nodal Clear Rulebook.
Final Settlement Day	The Final Settlement Day is the third Business Day after the Last Trading Day, with payment settled on the same day or the next Clearing House business day, as defined by the Clearing House Rules, following the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:45am (EPT) on the third Clearing House business day after the Last Trading Day, the payment will be made on the same day during the Midday Margin Cycle; if it is available after 11:45am (EPT), the payment will be made on the next Margin Cycle which will be the next Clearing House business day)

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