Pennsylvania Alternative Energy Certificate Tier II Vintage 2022 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier II Alternative Energy Certificates ("Pennsylvania Tier II AECs") where an AEC is an electronic certificate issued by PJMGATS for qualifying generation.
Contract Code	PCF
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier II 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.
Deliverable Product	Pennsylvania Tier II AECs eligible for delivery are those representing Tier II alternative energy sources (as defined in Pennsylvania Statutes Title 73 P.S. Trade and Commerce § 1648.2) which are eligible to meet the Tier II alternative energy source requirement of the Pennsylvania Alternative Energy Portfolio Standards Act as 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.
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)

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

Pennsylvania Alternative Energy Certificate Tier II Vintage 2023 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier II Alternative Energy Certificates ("Pennsylvania Tier II AECs") where an AEC is an electronic certificate issued by PJMGATS for qualifying generation.
Contract Code	PCG
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier II 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 expiries beginning with Aug of the year prior to the vintage year through Aug of the year two years following the vintage year. The Exchange may list any other calendar month expiry set off the standard listing cycle for up to 10 years.
Deliverable Product	Pennsylvania Tier II AECs eligible for delivery are those representing Tier II alternative energy sources (as defined in Pennsylvania Statutes Title 73 P.S. Trade and Commerce § 1648.2) which are eligible to meet the Tier II alternative energy source requirement of the Pennsylvania Alternative Energy Portfolio Standards Act as 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.
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)

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

Pennsylvania Alternative Energy Certificate Tier II Vintage 2024 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier II Alternative Energy Certificates ("Pennsylvania Tier II AECs") where an AEC is an electronic certificate issued by PJMGATS for qualifying generation.
Contract Code	РСН
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier II 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 expiries beginning with Aug of the year prior to the vintage year through Aug of the year two years following the vintage year. The Exchange may list any other calendar month expiry set off the standard listing cycle for up to 10 years.
Deliverable Product	Pennsylvania Tier II AECs eligible for delivery are those representing Tier II alternative energy sources (as defined in Pennsylvania Statutes Title 73 P.S. Trade and Commerce § 1648.2) which are eligible to meet the Tier II alternative energy source requirement of the Pennsylvania Alternative Energy Portfolio Standards Act as 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.
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)

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

Pennsylvania Alternative Energy Certificate Tier II Vintage 2025 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier II Alternative Energy Certificates ("Pennsylvania Tier II AECs") where an AEC is an electronic certificate issued by PJMGATS for qualifying generation.
Contract Code	PCI
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier II 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 expiries beginning with Aug of the year prior to the vintage year through Aug of the year two years following the vintage year. The Exchange may list any other calendar month expiry set off the standard listing cycle for up to 10 years.
Deliverable Product	Pennsylvania Tier II AECs eligible for delivery are those representing Tier II alternative energy sources (as defined in Pennsylvania Statutes Title 73 P.S. Trade and Commerce § 1648.2) which are eligible to meet the Tier II alternative energy source requirement of the Pennsylvania Alternative Energy Portfolio Standards Act as 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.
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)

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

Pennsylvania Alternative Energy Certificate Tier II Vintage 2026 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier II Alternative Energy Certificates ("Pennsylvania Tier II AECs") where an AEC is an electronic certificate issued by PJMGATS for qualifying generation.
Contract Code	PCJ
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier II 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 expiries beginning with Aug of the year prior to the vintage year through Aug of the year two years following the vintage year. The Exchange may list any other calendar month expiry set off the standard listing cycle for up to 10 years.
Deliverable Product	Pennsylvania Tier II AECs eligible for delivery are those representing Tier II alternative energy sources (as defined in Pennsylvania Statutes Title 73 P.S. Trade and Commerce § 1648.2) which are eligible to meet the Tier II alternative energy source requirement of the Pennsylvania Alternative Energy Portfolio Standards Act as 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.
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)

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

Pennsylvania Alternative Energy Certificate Tier II Vintage 2027 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier II Alternative Energy Certificates ("Pennsylvania Tier II AECs") where an AEC is an electronic certificate issued by PJMGATS for qualifying generation.
Contract Code	PCK
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier II 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.
Deliverable Product	Pennsylvania Tier II AECs eligible for delivery are those representing Tier II alternative energy sources (as defined in Pennsylvania Statutes Title 73 P.S. Trade and Commerce § 1648.2) which are eligible to meet the Tier II alternative energy source requirement of the Pennsylvania Alternative Energy Portfolio Standards Act as 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.
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)

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

Pennsylvania Alternative Energy Certificate Tier II Vintage 2028 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier II Alternative Energy Certificates ("Pennsylvania Tier II AECs") where an AEC is an electronic certificate issued by PJMGATS for qualifying generation.
Contract Code	PCL
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier II 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.
Deliverable Product	Pennsylvania Tier II AECs eligible for delivery are those representing Tier II alternative energy sources (as defined in Pennsylvania Statutes Title 73 P.S. Trade and Commerce § 1648.2) which are eligible to meet the Tier II alternative energy source requirement of the Pennsylvania Alternative Energy Portfolio Standards Act as 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.
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)

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

Pennsylvania Alternative Energy Certificate Tier II Vintage 2029 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier II Alternative Energy Certificates ("Pennsylvania Tier II AECs") where an AEC is an electronic certificate issued by PJMGATS for qualifying generation.
Contract Code	PCM
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier II 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.
Deliverable Product	Pennsylvania Tier II AECs eligible for delivery are those representing Tier II alternative energy sources (as defined in Pennsylvania Statutes Title 73 P.S. Trade and Commerce § 1648.2) which are eligible to meet the Tier II alternative energy source requirement of the Pennsylvania Alternative Energy Portfolio Standards Act as 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.
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)

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

Pennsylvania Alternative Energy Certificate Tier II Vintage 2030 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Pennsylvania Tier II Alternative Energy Certificates ("Pennsylvania Tier II AECs") where an AEC is an electronic certificate issued by PJMGATS for qualifying generation.
Contract Code	PCN
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 qualifying Tier II 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.
Deliverable Product	Pennsylvania Tier II AECs eligible for delivery are those representing Tier II alternative energy sources (as defined in Pennsylvania Statutes Title 73 P.S. Trade and Commerce § 1648.2) which are eligible to meet the Tier II alternative energy source requirement of the Pennsylvania Alternative Energy Portfolio Standards Act as 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.
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)

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