

July 15, 2025

VIA CFTC PORTAL

Commodity Futures Trading Commission
Attention: Chris Kirkpatrick, Secretary
Three Lafayette Centre
1155 21st Street, NW
Washington, DC 20581

Re: CFTC Regulation 40.2(a) Certification: Notification of Product Offered for Trading on Nodal Exchange, LLC – PA AEC Tier 2 V31 Future

Dear Mr. Kirkpatrick:

Nodal Exchange, LLC (“Nodal Exchange” or “Exchange”) is notifying the Commodity Futures Trading Commission (“CFTC” or “Commission”) that pursuant to Commission Regulation 40.2(a), the Exchange is self-certifying the listing of 28 new environmental futures contracts for trading on Nodal Exchange beginning on or after July 21, 2025. The contract specifications describing these new Exchange futures contracts are attached to this letter as Exhibit A, to be added to the Nodal Exchange Rulebook Appendix A – Contract Specifications. The deliverable supply analysis has been segregated as Exhibit B, for which confidential treatment is requested. The reporting levels, accountability levels, and position limits for these contracts is attached to this letter as Exhibit C, which will be added to the Nodal Exchange Rulebook Appendix C - Reporting Levels, Accountability Levels and Position Limits.

Exchange management has assessed the Exchange’s contracts’ compliance with applicable provisions of the Commodity Exchange Act (“Act”), including the Commissions Regulations thereunder and the Core Principles. Regulatory compliance of Nodal Exchange’s futures and options contracts is mostly addressed in the Nodal Exchange Rulebook, concisely explained as follows:

Core Principle 2 - Compliance with the Rules: Trading in the Exchange’s contracts will be subject to the Nodal Exchange Rulebook in Section IV, describing trading procedures, and Section VI, which establishes trading codes of conduct, sound trading practices, and identifies prohibited trading behavior and abuses. In addition, trading behavior and activity will be subject to extensive monitoring and surveillance by the Exchange’s Division of Market Administration and Surveillance. The Exchange’s Compliance Department has the authority

to address disciplinary matters through investigation and enforcement procedures in accordance with Section VII of the Exchange Rulebook.

Core Principle 3 - Contracts not Readily Susceptible to Manipulation: A description of the underlying cash markets and deliverable supply analysis for the Exchange's contracts was provided for the contracts, which demonstrates compliance that the Exchange's new contracts are not readily susceptible to manipulation.

Core Principle 4 - Prevention of Market Disruption: Trading in the Exchange's contracts will be subject to the Nodal Exchange Rulebook Section VI, which prohibits disruptive trading behavior and manipulation, subject to monitoring and surveillance by the Exchange's Division of Market Administration and Surveillance.

Core Principle 5 - Position Limitations or Accountability: The spot-month speculative position limits for the Exchange's contracts are set at less than 25% of the deliverable supply in the respective underlying market. In addition, the Exchange monitors and enforces position accountability rules for individual single-month and all-months combined, which are also within 25% of deliverable supply. The new contract reporting levels, accountability levels and position limits are provided in attached Exhibit C, to be added to the Nodal Exchange Rulebook Appendix C – Reporting Levels, Position Accountability Levels and Position Limits.

Core Principle 7 - Availability of General Information: The Exchange will post general information, including the contract specifications for the new contracts, Exchange fees, and the Nodal Exchange Rulebook, on the Exchange's website: www.nodalexchange.com.

Core Principle 8 - Daily publication of Trading Information: The Exchange will publish daily information on settlement prices, volume, open interest and opening and closing ranges for the Exchange's actively traded contracts on its website.

Core Principle 9 - Execution of Transactions: The Exchange's new contracts will be available on the Exchange's electronic trading screen that is a central limit order book ("CLOB"). The CLOB provides the market with the ability to execute the Exchange's contracts from the interaction of multiple bids and multiple offers within a predetermined, nondiscretionary automated trade matching and execution algorithm.

Core Principle 10 - Trade Information: The CLOB will maintain all information with respect to each order and each consummated trade, as well as all other information relating to the trade environment that determines the matching and clearing of trades. As such, any order submitted to the CLOB can be tracked from the time it is entered into the system until the time that it is matched, canceled or otherwise removed.

Core Principle 11 - Financial Integrity of Transactions: The Exchange has entered into a clearing arrangement with Nodal Clear, a derivatives clearing organization subject to Part

39 of the Commission Regulations. The new contracts executed on the CLOB or as a block trade will be subject to the Exchange Rulebook provisions for submission to Nodal Clear for clearing as described in Section V.

Core Principle 12 - Protection of Markets and Market Participants: Section VI of the Nodal Exchange Rulebook protects the market and market participants from abusive, disruptive, fraudulent, noncompetitive and unfair conduct and trade practices. The new contracts are subject to these rules that apply to all transactions in the Exchange's contracts.

Core Principle 13 - Disciplinary Procedures: Section VII of the Nodal Exchange Rulebook describes the disciplinary procedures of the Exchange that authorize the Exchange to discipline, suspend, or expel anyone on the Exchange that violates these rules.

Core Principle 14 - Dispute Resolution: Section VIII of the Nodal Exchange Rulebook establishes rules concerning alternative dispute resolution, which provide for the resolution of disputes between or among Exchange users through the NFA arbitration program. Under Section VIII, arbitration is available for all disputes, controversies or claims among all Exchange users relating to Exchange activities.

Pursuant to Section 5c(c) of the Act and the Commission's Regulation 40.2(a), the Exchange certifies that the Exchange's new futures and options contracts to be listed comply with the Act and the Commission's Regulations thereunder.

Nodal Exchange certifies that this submission has been concurrently posted on the Nodal Exchange website at www.nodalexchange.com.

If you have any question or need additional information regarding the above, please contact the undersigned at 703-962-9853 or markotic@nodalexchange.com or Ken McCracken, Chief Regulatory Officer & General Counsel at 703-962-9835 or mccracken@nodalexchange.com.

Sincerely,
/s/ Max Markotic
Managing Director

Attachments:

Exhibit A: July 21, 2025 Addition to Nodal Exchange Appendix A - Contract Specifications

Confidential Exhibit B: Deliverable Supply Analysis (*Confidential Treatment Requested*)

Exhibit C: July 21, 2025 Addition to Nodal Exchange Appendix C - Reporting Levels, Accountability Levels and Position Limits

Exhibit A – Contract Specifications
(Rulebook Appendix A)

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2036 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NKT
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 December of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying wind energy production from facilities located in the 50 U.S. states that have an active Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Back Half or BH, RECs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year. RECs must be delivered from a facility meeting the New Date requirements for the year of generation and the following year. New Date requirements are specified on www.green-e.org for CRS Listed Facilities.
Registry	North American Renewables Registry™ (NAR)
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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2037 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NKU
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 December of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying wind energy production from facilities located in the 50 U.S. states that have an active Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Back Half or BH, RECs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year. RECs must be delivered from a facility meeting the New Date requirements for the year of generation and the following year. New Date requirements are specified on www.green-e.org for CRS Listed Facilities.
Registry	North American Renewables Registry™ (NAR)
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
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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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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NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2038 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NKV
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 December of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying wind energy production from facilities located in the 50 U.S. states that have an active Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Back Half or BH, RECs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year. RECs must be delivered from a facility meeting the New Date requirements for the year of generation and the following year. New Date requirements are specified on www.green-e.org for CRS Listed Facilities.
Registry	North American Renewables Registry™ (NAR)
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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ITEM	SPECIFICATION
	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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NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2039 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NKW
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 December of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying wind energy production from facilities located in the 50 U.S. states that have an active Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Back Half or BH, RECs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year. RECs must be delivered from a facility meeting the New Date requirements for the year of generation and the following year. New Date requirements are specified on www.green-e.org for CRS Listed Facilities.
Registry	North American Renewables Registry™ (NAR)
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
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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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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NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2040 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NKX
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 December of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying wind energy production from facilities located in the 50 U.S. states that have an active Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Back Half or BH, RECs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year. RECs must be delivered from a facility meeting the New Date requirements for the year of generation and the following year. New Date requirements are specified on www.green-e.org for CRS Listed Facilities.
Registry	North American Renewables Registry™ (NAR)
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
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2036 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NLT
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 June of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying wind energy production from facilities located in the 50 U.S. states that have a Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Front Half or FH, RECs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Registry	North American Renewables Registry™ (NAR)
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
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2037 Front Half Future

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Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NLU
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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.
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NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2038 Front Half Future

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Contract Code	NLV
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 June of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying wind energy production from facilities located in the 50 U.S. states that have a Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Front Half or FH, RECs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Registry	North American Renewables Registry™ (NAR)
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.

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2039 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NLW
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 June of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying wind energy production from facilities located in the 50 U.S. states that have a Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Front Half or FH, RECs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Registry	North American Renewables Registry™ (NAR)
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.

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2040 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NLX
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 June of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying wind energy production from facilities located in the 50 U.S. states that have a Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Front Half or FH, RECs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Registry	North American Renewables Registry™ (NAR)
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.

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2036 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NUT
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 December of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying solar energy production from facilities located in the 50 U.S. states that have an active Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Back Half or BH, RECs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year. RECs must be delivered from a facility meeting the New Date requirements for the year of generation and the following year. New Date requirements are specified on www.green-e.org for CRS Listed Facilities.
Registry	North American Renewables Registry™ (NAR)
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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2037 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NUU
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 December of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying solar energy production from facilities located in the 50 U.S. states that have an active Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Back Half or BH, RECs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year. RECs must be delivered from a facility meeting the New Date requirements for the year of generation and the following year. New Date requirements are specified on www.green-e.org for CRS Listed Facilities.
Registry	North American Renewables Registry™ (NAR)
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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2038 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NUV
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 December of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying solar energy production from facilities located in the 50 U.S. states that have an active Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Back Half or BH, RECs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year. RECs must be delivered from a facility meeting the New Date requirements for the year of generation and the following year. New Date requirements are specified on www.green-e.org for CRS Listed Facilities.
Registry	North American Renewables Registry™ (NAR)
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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2039 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NUW
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 December of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying solar energy production from facilities located in the 50 U.S. states that have an active Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Back Half or BH, RECs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year. RECs must be delivered from a facility meeting the New Date requirements for the year of generation and the following year. New Date requirements are specified on www.green-e.org for CRS Listed Facilities.
Registry	North American Renewables Registry™ (NAR)
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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2040 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NUX
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 December of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying solar energy production from facilities located in the 50 U.S. states that have an active Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Back Half or BH, RECs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year. RECs must be delivered from a facility meeting the New Date requirements for the year of generation and the following year. New Date requirements are specified on www.green-e.org for CRS Listed Facilities.
Registry	North American Renewables Registry™ (NAR)
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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2036 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NVT
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 June of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying solar energy production from facilities located in the 50 U.S. states that have a Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Front Half or FH, RECs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Registry	North American Renewables Registry™ (NAR)
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.

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2037 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NVU
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 June of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying solar energy production from facilities located in the 50 U.S. states that have a Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Front Half or FH, RECs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Registry	North American Renewables Registry™ (NAR)
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.

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2038 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NVV
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 June of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying solar energy production from facilities located in the 50 U.S. states that have a Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Front Half or FH, RECs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Registry	North American Renewables Registry™ (NAR)
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.

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2039 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NVW
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 June of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying solar energy production from facilities located in the 50 U.S. states that have a Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Front Half or FH, RECs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Registry	North American Renewables Registry™ (NAR)
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.

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2040 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program.
Contract Code	NVX
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Price Fluctuation	Block: \$0.001 per MWh; Nodal T7: \$0.001 per MWh
Settlement Price Precision	\$0.001 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 June of the corresponding vintage year through December of the year 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	RECs delivered must be issued by and delivered within NAR for qualifying solar energy production from facilities located in the 50 U.S. states that have a Tracking Attestation form on file with the Center for Resource Solutions ("CRS Listed") in connection with CRS's administration of its Green-e® certification programs. The Tracking Attestation form must cover the generation period of the RECs. Maintenance of an active Tracking Attestation form does not guarantee that a facility meets the requirements of any Green-e® renewable energy standards and does not mean that a facility's supply is Green-e® Certified. For more information about Tracking Attestation forms and Green-e® certification, please visit the Green-e® website at www.green-e.org . To confirm that a facility has an active Tracking Attestation form on file, please contact the Center for Resource Solutions at verification@green-e.org . For contracts which are designated as Front Half or FH, RECs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Registry	North American Renewables Registry™ (NAR)
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.

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Pennsylvania Alternative Energy Certificate Tier II Vintage 2031 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	PCO
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 listed for Jun, Jul, and Aug of the vintage year, plus two additional years. 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)

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 Alternative Energy Certificate Tier II Vintage 2032 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	PCP
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 listed for Jun, Jul, and Aug of the vintage year, plus two additional years. 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)

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 Alternative Energy Certificate Tier II Vintage 2033 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	PCQ
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 listed for Jun, Jul, and Aug of the vintage year, plus two additional years. 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)

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 Alternative Energy Certificate Tier II Vintage 2034 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	PCR
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 listed for Jun, Jul, and Aug of the vintage year, plus two additional years. 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)

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 Alternative Energy Certificate Tier II Vintage 2035 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	PCS
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 listed for Jun, Jul, and Aug of the vintage year, plus two additional years. 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)

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

New Jersey Compliance Renewable Energy Certificate Class 2 Vintage 2031 **Future**

ITEM	SPECIFICATION
Contract Description	Physically delivered New Jersey Class 2 Renewable Energy Certificates (“New Jersey Class 2 REC”) where a REC is an electronic certificate issued by the PJM Environmental Information System Generation Attribute Tracking System (PJM GATS) for qualifying generation.
Contract Code	SGO
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 New Jersey Class 2 RECs
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 listed for Jun, Jul, and Aug of 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	New Jersey Class 2 RECs eligible for delivery are those which are eligible to meet the Class II Renewable Energy requirements specified in N.J.A.C. 14:8-2.6 under the New Jersey Renewable Energy Portfolio Standard promulgated under N.J.A.C. 14:8 verified and qualified by the NJ Board of Public Utilities having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. For deliveries of Class II RECs generated from a resource recovery facility located outside of the State of New Jersey, the seller must also deliver the Class II Renewable Energy Certification Form.
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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ITEM	SPECIFICATION
	11:45am (EPT), the payment will be made on the next Margin Cycle which will be the next Clearing House business day)
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

New Jersey Compliance Renewable Energy Certificate Class 2 Vintage 2032 **Future**

ITEM	SPECIFICATION
Contract Description	Physically delivered New Jersey Class 2 Renewable Energy Certificates (“New Jersey Class 2 REC”) where a REC is an electronic certificate issued by the PJM Environmental Information System Generation Attribute Tracking System (PJM GATS) for qualifying generation.
Contract Code	SGP
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 New Jersey Class 2 RECs
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 listed for Jun, Jul, and Aug of 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	New Jersey Class 2 RECs eligible for delivery are those which are eligible to meet the Class II Renewable Energy requirements specified in N.J.A.C. 14:8-2.6 under the New Jersey Renewable Energy Portfolio Standard promulgated under N.J.A.C. 14:8 verified and qualified by the NJ Board of Public Utilities having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. For deliveries of Class II RECs generated from a resource recovery facility located outside of the State of New Jersey, the seller must also deliver the Class II Renewable Energy Certification Form.
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

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ITEM	SPECIFICATION
	11:45am (EPT), the payment will be made on the next Margin Cycle which will be the next Clearing House business day)
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

New Jersey Compliance Renewable Energy Certificate Class 2 Vintage 2033

Future

ITEM	SPECIFICATION
Contract Description	Physically delivered New Jersey Class 2 Renewable Energy Certificates ("New Jersey Class 2 REC") where a REC is an electronic certificate issued by the PJM Environmental Information System Generation Attribute Tracking System (PJM GATS) for qualifying generation.
Contract Code	SGQ
Settlement Method	Physical Delivery
Unit of Trading	1 contract
Contract Size	100 MWh representing 100 New Jersey Class 2 RECs
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 listed for Jun, Jul, and Aug of 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	New Jersey Class 2 RECs eligible for delivery are those which are eligible to meet the Class II Renewable Energy requirements specified in N.J.A.C. 14:8-2.6 under the New Jersey Renewable Energy Portfolio Standard promulgated under N.J.A.C. 14:8 verified and qualified by the NJ Board of Public Utilities having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. For deliveries of Class II RECs generated from a resource recovery facility located outside of the State of New Jersey, the seller must also deliver the Class II Renewable Energy Certification Form.
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

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Nodal Exchange, LLC Rulebook Appendix C: Reporting Levels, Accountability Levels and Position Limits

Physical Commodity Code	Contract Name	Reporting Level	Spot Month Position Limit (lots)	Single Month Accountability Level (lots)	All Month Accountability Level (lots)	Aggregation Group*	CFTC Referenced Contract
NKT	NAR CRS Wind REC V36 Back Half Future	25	3600	3600	3600		0
NKU	NAR CRS Wind REC V37 Back Half Future	25	3600	3600	3600		0
NKV	NAR CRS Wind REC V38 Back Half Future	25	3600	3600	3600		0
NKW	NAR CRS Wind REC V39 Back Half Future	25	3600	3600	3600		0
NKX	NAR CRS Wind REC V40 Back Half Future	25	3600	3600	3600		0
NLT	NAR CRS Wind REC V36 Front Half Future	25	3600	3600	3600		0
NLU	NAR CRS Wind REC V37 Front Half Future	25	3600	3600	3600		0
NLV	NAR CRS Wind REC V38 Front Half Future	25	3600	3600	3600		0
NLW	NAR CRS Wind REC V39 Front Half Future	25	3600	3600	3600		0
NLX	NAR CRS Wind REC V40 Front Half Future	25	3600	3600	3600		0
NUT	NAR CRS Solar REC V36 Back Half Future	25	1300	1300	1300		0
NUU	NAR CRS Solar REC V37 Back Half Future	25	1300	1300	1300		0
NUV	NAR CRS Solar REC V38 Back Half Future	25	1300	1300	1300		0
NUW	NAR CRS Solar REC V39 Back Half Future	25	1300	1300	1300		0
NUX	NAR CRS Solar REC V40 Back Half Future	25	1300	1300	1300		0
NVT	NAR CRS Solar REC V36 Front Half Future	25	1300	1300	1300		0
NVU	NAR CRS Solar REC V37 Front Half Future	25	1300	1300	1300		0
NVV	NAR CRS Solar REC V38 Front Half Future	25	1300	1300	1300		0
NVW	NAR CRS Solar REC V39 Front Half Future	25	1300	1300	1300		0
NVX	NAR CRS Solar REC V40 Front Half Future	25	1300	1300	1300		0
PCO	PA AEC Tier 2 V31 Future	25	35500	35500	35500		0
PCP	PA AEC Tier 2 V32 Future	25	35500	35500	35500		0
PCQ	PA AEC Tier 2 V33 Future	25	35500	35500	35500		0
PCR	PA AEC Tier 2 V34 Future	25	35500	35500	35500		0
PCS	PA AEC Tier 2 V35 Future	25	35500	35500	35500		0
SGO	NJ REC Class 2 V31 Future	25	7000	7000	7000		0
SGP	NJ REC Class 2 V32 Future	25	7000	7000	7000		0
SGQ	NJ REC Class 2 V33 Future	25	7000	7000	7000		0