

1921 Gallows Road, 3rd Floor Tysons Corner, Virginia 22182 p: 703-962-9800 f: 703-962-9850 www.nodalexchange.com

November 9, 2020

#### **VIA CFTC PORTAL**

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

Re: CFTC Regulation 40.2(a) Certification: Notification of Product Offered for Trading on Nodal Exchange, LLC – M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2023 Front Half 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 30 new environmental futures and 22 new environmental options contracts for trading on Nodal Exchange beginning on or after November 17, 2020. The contract specifications describing these new Exchange futures and options 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:

<u>Core Principle 2 - Compliance with the Rules</u>: 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.

<u>Core Principle 3 - Contracts not Readily Susceptible to Manipulation</u>: A description of the underlying cash markets and deliverable supply analysis for the Exchange's new contracts is provided in attached Exhibit B, which demonstrates compliance that the Exchange's new contracts are not readily susceptible to manipulation.

<u>Core Principle 4 - Prevention of Market Disruption</u>: 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.

<u>Core Principle 5 - Position Limitations or Accountability</u>: 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.

<u>Core Principle 7 - Availability of General Information</u>: 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: <a href="www.nodalexchange.com">www.nodalexchange.com</a>.

<u>Core Principle 8 - Daily publication of Trading Information</u>: 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.

<u>Core Principle 9 - Execution of Transactions</u>: 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.

<u>Core Principle 10 - Trade Information</u>: 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.

<u>Core Principle 11 - Financial Integrity of Transactions</u>: 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.

<u>Core Principle 12 - Protection of Markets and Market Participants</u>: 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.

<u>Core Principle 13 - Disciplinary Procedures</u>: 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.

<u>Core Principle 14 - Dispute Resolution</u>: 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 <a href="https://www.nodalexchange.com">www.nodalexchange.com</a>.

If you have any question or need additional information regarding the above, please contact the undersigned at 703-962-9853 or <a href="markotic@nodalexchange.com">markotic@nodalexchange.com</a> or Anita Herrera, Chief Regulatory Officer & General Counsel at 703-962-9835 or <a href="Herrera@nodalexchange.com">Herrera@nodalexchange.com</a>.

Sincerely,

/s/ Max Markotic

**Director of Compliance** 

#### Attachments:

Exhibit A: November 17, 2020 Addition to Nodal Exchange Appendix A - Contract Specifications

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

Exhibit C: November 17, 2020 Addition to Nodal Exchange Appendix C - Reporting Levels, Accountability Levels and Position Limits

# Exhibit A

**Nodal Exchange Contract Specifications** 

#### M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2020 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the Midwest Renewable Energy Tracking System (M-RETS®) 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	MWA
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Deliverable Product	RECs delivered must be issued by and delivered within M-RETS® for qualifying wind energy production from facilities 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.
Eligible Deliverer	
Registry	Midwest Renewable Energy Tracking System (M-RETS)
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

ITEM	SPECIFICATION
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
Margin Unit	US Dollars

#### M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2021 Front Half Future

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Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the Midwest Renewable Energy Tracking System (M-RETS®) 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	MWB
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
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Deliverable Product	RECs delivered must be issued by and delivered within M-RETS® for qualifying wind energy production from facilities 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.
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Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
Margin Unit	US Dollars

#### M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2022 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the Midwest Renewable Energy Tracking System (M-RETS®) 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	MWC
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Deliverable Product	RECs delivered must be issued by and delivered within M-RETS® for qualifying wind energy production from facilities 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.
Eligible Deliverer	
Registry	Midwest Renewable Energy Tracking System (M-RETS)
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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Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
Margin Unit	US Dollars

#### M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2023 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the Midwest Renewable Energy Tracking System (M-RETS®) 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	MWD
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Deliverable Product	RECs delivered must be issued by and delivered within M-RETS® for qualifying wind energy production from facilities 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.
Eligible Deliverer	
Registry	Midwest Renewable Energy Tracking System (M-RETS)
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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Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
Margin Unit	US Dollars

#### M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2024 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the Midwest Renewable Energy Tracking System (M-RETS®) 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	MWE
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Deliverable Product	RECs delivered must be issued by and delivered within M-RETS® for qualifying wind energy production from facilities 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.
Eligible Deliverer	
Registry	Midwest Renewable Energy Tracking System (M-RETS)
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

ITEM	SPECIFICATION
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
Margin Unit	US Dollars

#### M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2025 Front Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the Midwest Renewable Energy Tracking System (M-RETS®) 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	MWF
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Deliverable Product	RECs delivered must be issued by and delivered within M-RETS® for qualifying wind energy production from facilities 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.
Eligible Deliverer	
Registry	Midwest Renewable Energy Tracking System (M-RETS)
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
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Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
Margin Unit	US Dollars

#### M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2020 Back Half Future

ITEM	SPECIFICATION
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Contract Code	MXA
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Deliverable Product	RECs delivered must be issued by and delivered within M-RETS® for qualifying wind energy production from facilities 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 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.
Eligible Deliverer	
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Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
Margin Unit	US Dollars

#### M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2021 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the Midwest Renewable Energy Tracking System (M-RETS®) 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	MXB
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
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Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
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Contract Code	MXC
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
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Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Deliverable Product	RECs delivered must be issued by and delivered within M-RETS® for qualifying wind energy production from facilities 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 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.
Eligible Deliverer	
Registry	Midwest Renewable Energy Tracking System (M-RETS)
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

ITEM	SPECIFICATION
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
Margin Unit	US Dollars

#### M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2023 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the Midwest Renewable Energy Tracking System (M-RETS®) 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	MXD
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Deliverable Product	RECs delivered must be issued by and delivered within M-RETS® for qualifying wind energy production from facilities 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 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.
Eligible Deliverer	
Registry	Midwest Renewable Energy Tracking System (M-RETS)
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

ITEM	SPECIFICATION
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
Margin Unit	US Dollars

#### M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2024 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the Midwest Renewable Energy Tracking System (M-RETS®) 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	MXE
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Deliverable Product	RECs delivered must be issued by and delivered within M-RETS® for qualifying wind energy production from facilities 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 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.
Eligible Deliverer	
Registry	Midwest Renewable Energy Tracking System (M-RETS)
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

ITEM	SPECIFICATION
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
Margin Unit	US Dollars

## M-RETS Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2025 Back Half Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Renewable Energy Certificates (REC) issued by the Midwest Renewable Energy Tracking System (M-RETS®) 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	MXF
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 RECs
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Deliverable Product	RECs delivered must be issued by and delivered within M-RETS® for qualifying wind energy production from facilities 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 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.
Eligible Deliverer	
Registry	Midwest Renewable Energy Tracking System (M-RETS)
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

ITEM	SPECIFICATION
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 1330 lots, Single Month Accountability Level: 1330 lots, All Month Accountability Level: 1330 lots
Margin Unit	US Dollars

### New York Renewable Energy Certificates Tier 1 Vintage 2020 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Tier 1 Renewable Energy Certificates (REC) where a REC is an electronic certificate issued by the New York Generation Attribute Tracking System (NY-GATS) for generation qualifying as Tier 1 New Renewable Resources portions of the Clean Energy Standard.
Contract Code	NYA
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	100 MWh representing 100 Qualifying Tier 1 RECs
Currency	US Dollars
Minimum Tick	\$0.01 per MWh
Settlement Price Precision	\$0.01 per MWh
Last Trading Day	Contract is a daily contract. The trade date is the Last Trading Day.
Last Trading Date	Contract is a daily contract. The trade date is the Last Trading Day.
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts from March of the vintage year through June following the vintage year.
Deliverable Product	RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.
Eligible Deliverer	
Registry	New York Generation Attribute Tracking System (NY-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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots
Margin Unit	US Dollars

### New York Renewable Energy Certificates Tier 1 Vintage 2021 Future

Contract Description  Physically delivered Tier 1 Renewable Energy Certificates (REC) where a REC is an electronic certificate issued by the New York Generation Attribute Tracking System (NY-GATS) for generation qualifying as Tier 1 New Renewable Resources portions of the Clean Energy Standard.  NYB  Settlement Method Physical Delivery  As defined at http://www.nodalexchange.com  Unit of Trading 1 lot  Lot Size 100 MWh representing 100 Qualifying Tier 1 RECs  Currency US Dollars  Minimum Tick 50.01 per MWh  Settlement Price Precision So.01 per MWh  Last Trading Day Contract is a daily contract. The trade date is the Last Trading Day.  Last Trading Date Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act), Tier 1 RECs acceptable for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act), Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day, the payment will be made on the third Business Day after the Last Trading Day, the payment will be made on the same day during the	ITEM	SPECIFICATION
Settlement Method	Contract Description	electronic certificate issued by the New York Generation Attribute Tracking System (NY-GATS) for generation qualifying as Tier 1 New Renewable Resources portions of
Hours of Trading  As defined at http://www.nodalexchange.com  Unit of Trading  1 lot  Lot Size  100 MWh representing 100 Qualifying Tier 1 RECs  Currency  US Dollars  Minimum Tick  \$0.01 per MWh  Settlement Price Precision  Last Trading Day  Contract is a daily contract. The trade date is the Last Trading Day.  Last Trading Date  Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third Business Day after the Last Trading Day, the payment will be made on the next Margin Cycle; if it is available after 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Settlement Limit  Position Limit  Position Limit  Settlement Price  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots, All Month	Contract Code	NYB
Unit of Trading 100 MWh representing 100 Qualifying Tier 1 RECs  Currency US Dollars  Minimum Tick \$0.01 per MWh  Settlement Price Precision \$0.01 per MWh  Last Trading Day Contract is a daily contract. The trade date is the Last Trading Day.  Last Trading Date Contract is a daily contract. The trade date is the Last Trading Day.  Delivery Day Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots, All Month	Settlement Method	Physical Delivery
Lot Size 100 MWh representing 100 Qualifying Tier 1 RECs  Currency US Dollars  Minimum Tick \$0.01 per MWh  Settlement Price Precision \$0.01 per MWh  Last Trading Day Contract is a daily contract. The trade date is the Last Trading Day.  Last Trading Date Contract is a daily contract. The trade date is the Last Trading Day.  Delivery Day Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry New York Generation Attribute Tracking System (NY-GATS)  Daily Settlement Price The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Hours of Trading	As defined at http://www.nodalexchange.com
Currency  US Dollars  Minimum Tick  \$0.01 per MWh  Settlement Price Precision  Last Trading Day  Contract is a daily contract. The trade date is the Last Trading Day.  Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  Daily Settlement Price  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Contract Series  Sol Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Unit of Trading	1 lot
Minimum Tick  Settlement Price Precision  So.01 per MWh  Last Trading Day  Contract is a daily contract. The trade date is the Last Trading Day.  Last Trading Date  Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots, All Month	Lot Size	100 MWh representing 100 Qualifying Tier 1 RECs
Settlement Price Precision  Last Trading Day  Contract is a daily contract. The trade date is the Last Trading Day.  Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  Datily Settlement Price  Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate  Final Settlement (Payment)  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots, All Month	Currency	US Dollars
Last Trading Day Contract is a daily contract. The trade date is the Last Trading Day.  Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  Daily Settlement Price  Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate  Final Settlement (Payment)  Three or four Business Days after the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots, All Month	Minimum Tick	\$0.01 per MWh
Last Trading DateContract is a daily contract. The trade date is the Last Trading Day.Delivery DayThree Business Days after the Last Trading Day (Last Business Day of the delivery month)Contract SeriesMonthly contracts from March of the vintage year through June following the vintage year.Beliverable ProductRECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.Eligible DelivererNew York Generation Attribute Tracking System (NY-GATS)Daily Settlement PriceDetermined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriateFinal Settlement PriceThe Daily Settlement Price on the Last Trading DayFinal Settlement (Payment) DateThree or four Business Days after the Last Trading Day, on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)Position LimitSpot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Settlement Price Precision	\$0.01 per MWh
Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Three Of Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Last Trading Day	Contract is a daily contract. The trade date is the Last Trading Day.
month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Month Accountability Level: 2390 lots	Last Trading Date	Contract is a daily contract. The trade date is the Last Trading Day.
vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Position Limit  Position Limit  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Teargy Standard (RES) component of New York's Clean Energy Standard (RES) component of New York designation to traded contracts are those which say in the Exchange year designation to traded contracts.  Position Limit Standard (RES) component of New York's Clean Energy Standard (RES) and Collinate Act.  Tier 1 RECs acceptable energy Standard (RES) and Collinate Act.  Tier 1 RECs acceptable energy Standard (RES) and Collinat	Delivery Day	
Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Contract Series	
Registry  Daily Settlement Price  Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  New York Generation Attribute Tracking System (NY-GATS)  Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day, the payment will be made on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Deliverable Product	Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act).  Tier 1 RECs acceptable for delivery are those having a vintage year designation that
Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day, the payment will be made on the payment will be made on the next Margin Cycle; if it is available after 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Eligible Deliverer	
Position Limit  Extrapolation to traded contracts, as appropriate  Extrapolation to traded contracts, as appropriate  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Extrapolation to traded contracts, as appropriate  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day, the payment will be made on the payment will be made on the next Margin Cycle; if it is available after 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Registry	New York Generation Attribute Tracking System (NY-GATS)
Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Daily Settlement Price	
the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Final Settlement Price	The Daily Settlement Price on the Last Trading Day
Accountability Level: 2390 lots	• •	the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the
Margin Unit US Dollars	Position Limit	
	Margin Unit	US Dollars

### New York Renewable Energy Certificates Tier 1 Vintage 2022 Future

Contract Description  Physically delivered Tier 1 Renewable Energy Certificates (REC) where a REC is an electronic certificate issued by the New York Generation Attribute Tracking System (NY-GATS) for generation qualifying as Tier 1 New Renewable Resources portions of the Clean Energy Standard.  NYC  Settlement Method  Physical Delivery  As defined at http://www.nodalexchange.com  Unit of Trading  1 lot  Lot Size  100 MWh representing 100 Qualifying Tier 1 RECs  Currency  US Dollars  Minimum Tick  So.01 per MWh  Settlement Price Precision  Last Trading Day  Contract is a daily contract. The trade date is the Last Trading Day.  Last Trading Date  Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate  The Daily Settlement Price  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am, the payment will be made on the next Margin Cycle; if it is available after 11:30am, the payment will be made on the next Margin Cycle; if it is available after 11:30am, the payment will be made on the next Margin Cycle; if it is available after 11:30am, the payment	ITEM	SPECIFICATION
Settlement Method	Contract Description	electronic certificate issued by the New York Generation Attribute Tracking System (NY-GATS) for generation qualifying as Tier 1 New Renewable Resources portions of
Hours of Trading  As defined at http://www.nodalexchange.com  Unit of Trading  1 lot  Lot Size  100 MWh representing 100 Qualifying Tier 1 RECs  Currency  US Dollars  Minimum Tick  \$0.01 per MWh  Settlement Price Precision  Last Trading Day  Contract is a daily contract. The trade date is the Last Trading Day.  Last Trading Date  Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third Business Day after the Last Trading Day, the payment will be made on the next Margin Cycle; if it is available after 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Settlement Limit  Position Limit  Position Limit  Settlement Price  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Contract Code	NYC
Unit of Trading	Settlement Method	Physical Delivery
Lot Size 100 MWh representing 100 Qualifying Tier 1 RECs  Currency US Dollars  Minimum Tick \$0.01 per MWh  Settlement Price Precision \$0.01 per MWh  Last Trading Day Contract is a daily contract. The trade date is the Last Trading Day.  Last Trading Date Contract is a daily contract. The trade date is the Last Trading Day.  Delivery Day Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry New York Generation Attribute Tracking System (NY-GATS)  Daily Settlement Price Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate  Final Settlement (Payment)  Date Three or four Business Days after the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Hours of Trading	As defined at http://www.nodalexchange.com
Currency  US Dollars  Minimum Tick  \$0.01 per MWh  Settlement Price Precision  Last Trading Day  Contract is a daily contract. The trade date is the Last Trading Day.  Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  Daily Settlement Price  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Cutractory  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Unit of Trading	1 lot
Minimum Tick  Settlement Price Precision  Last Trading Day  Contract is a daily contract. The trade date is the Last Trading Day.  Last Trading Date  Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Lot Size	100 MWh representing 100 Qualifying Tier 1 RECs
Settlement Price Precision  Last Trading Day  Contract is a daily contract. The trade date is the Last Trading Day.  Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots, All Month	Currency	US Dollars
Last Trading Day Contract is a daily contract. The trade date is the Last Trading Day.  Contract is a daily contract. The trade date is the Last Trading Day.  Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Contract is a daily contract. The trading Day to the next Business Day)  Three or four 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)	Minimum Tick	\$0.01 per MWh
Last Trading DateContract is a daily contract. The trade date is the Last Trading Day.Delivery DayThree Business Days after the Last Trading Day (Last Business Day of the delivery month)Contract SeriesMonthly contracts from March of the vintage year through June following the vintage year.Beliverable ProductRECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.Eligible DelivererNew York Generation Attribute Tracking System (NY-GATS)Daily Settlement PriceDetermined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriateFinal Settlement PriceThe Daily Settlement Price on the Last Trading DayFinal Settlement (Payment) DateThree or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)Position LimitSpot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Settlement Price Precision	\$0.01 per MWh
Three Business Days after the Last Trading Day (Last Business Day of the delivery month)  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Three Of Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Last Trading Day	Contract is a daily contract. The trade date is the Last Trading Day.
month)  Contract Series  Monthly contracts from March of the vintage year through June following the vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Month Accountability Level: 2390 lots	Last Trading Date	Contract is a daily contract. The trade date is the Last Trading Day.
vintage year.  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry  New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Position Limit  Position Limit  RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Tenergy Standard (RES) component of New York's Clean Energy Standard (RES) component of New York's Clean Energy Standard (CEIs and Energy Standard (CEIs) and Energy Standard (RES) component of New York's Clean Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Act).  Tier 1 RECs acceptable for delivery are those having a vintage year designation that countability Level: 2390 lots, All Month Accountability Level: 2390 lots.	Delivery Day	
Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.  Eligible Deliverer  Registry New York Generation Attribute Tracking System (NY-GATS)  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  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Contract Series	
RegistryNew York Generation Attribute Tracking System (NY-GATS)Daily Settlement PriceDetermined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriateFinal Settlement PriceThe Daily Settlement Price on the Last Trading DayFinal Settlement (Payment)Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)Position LimitSpot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Deliverable Product	Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act).  Tier 1 RECs acceptable for delivery are those having a vintage year designation that
Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day, the payment will be made on the same day during the Midday Margin Cycle; if it is available after 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Eligible Deliverer	
Position Limit  Extrapolation to traded contracts, as appropriate  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Extrapolation to traded contracts, as appropriate  The Daily Settlement Price on the Last Trading Day  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third Business Day after the Last Trading Day, the payment will be made on the payment will be made on the same day during the Midday Margin Cycle; if it is available after 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Registry	New York Generation Attribute Tracking System (NY-GATS)
Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third Business Day, the payment will be made on the payment will be made on the next Margin Cycle; if it is available after 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit	Daily Settlement Price	
the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)  Position Limit  Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots	Final Settlement Price	The Daily Settlement Price on the Last Trading Day
Accountability Level: 2390 lots	• •	the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the
Margin Unit US Dollars	Position Limit	
	Margin Unit	US Dollars

### New York Renewable Energy Certificates Tier 1 Vintage 2023 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Tier 1 Renewable Energy Certificates (REC) where a REC is an electronic certificate issued by the New York Generation Attribute Tracking System (NY-GATS) for generation qualifying as Tier 1 New Renewable Resources portions of the Clean Energy Standard.
Contract Code	NYD
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	100 MWh representing 100 Qualifying Tier 1 RECs
Currency	US Dollars
Minimum Tick	\$0.01 per MWh
Settlement Price Precision	\$0.01 per MWh
Last Trading Day	Contract is a daily contract. The trade date is the Last Trading Day.
Last Trading Date	Contract is a daily contract. The trade date is the Last Trading Day.
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts from March of the vintage year through June following the vintage year.
Deliverable Product	RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.
Eligible Deliverer	
Registry	New York Generation Attribute Tracking System (NY-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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots
Margin Unit	US Dollars

### New York Renewable Energy Certificates Tier 1 Vintage 2024 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Tier 1 Renewable Energy Certificates (REC) where a REC is an electronic certificate issued by the New York Generation Attribute Tracking System (NY-GATS) for generation qualifying as Tier 1 New Renewable Resources portions of the Clean Energy Standard.
Contract Code	NYE
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	100 MWh representing 100 Qualifying Tier 1 RECs
Currency	US Dollars
Minimum Tick	\$0.01 per MWh
Settlement Price Precision	\$0.01 per MWh
Last Trading Day	Contract is a daily contract. The trade date is the Last Trading Day.
Last Trading Date	Contract is a daily contract. The trade date is the Last Trading Day.
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts from March of the vintage year through June following the vintage year.
Deliverable Product	RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.
Eligible Deliverer	
Registry	New York Generation Attribute Tracking System (NY-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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots
Margin Unit	US Dollars

### New York Renewable Energy Certificates Tier 1 Vintage 2025 Future

ITEM	SPECIFICATION
Contract Description	Physically delivered Tier 1 Renewable Energy Certificates (REC) where a REC is an electronic certificate issued by the New York Generation Attribute Tracking System (NY-GATS) for generation qualifying as Tier 1 New Renewable Resources portions of the Clean Energy Standard.
Contract Code	NYF
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	100 MWh representing 100 Qualifying Tier 1 RECs
Currency	US Dollars
Minimum Tick	\$0.01 per MWh
Settlement Price Precision	\$0.01 per MWh
Last Trading Day	Contract is a daily contract. The trade date is the Last Trading Day.
Last Trading Date	Contract is a daily contract. The trade date is the Last Trading Day.
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts from March of the vintage year through June following the vintage year.
Deliverable Product	RECs eligible for delivery are those which are eligible to meet the Tier 1 of the Renewable Energy Standard (RES) component of New York's Clean Energy Standard (CES) under the Climate Leadership and Community Protection Act (Climate Act). Tier 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract.
Eligible Deliverer	
Registry	New York Generation Attribute Tracking System (NY-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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 2390 lots, Single Month Accountability Level: 2390 lots, All Month Accountability Level: 2390 lots
Margin Unit	US Dollars

## <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2020 Front Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	TSA
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs). Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.  RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Eligible Deliverer	
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

#### <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2021 Front Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	TSB
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs). Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.  RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for
	delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Eligible Deliverer	
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

#### <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2022 Front Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	TSC
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs). Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.  RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Eligible Deliverer	
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

#### <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2023 Front Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	TSD
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs). Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.
	RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Eligible Deliverer	
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

#### <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2024 Front Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	TSE
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs).  Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.  RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Eligible Deliverer	
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

#### <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2025 Front Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	TSF
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs).  Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.  RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for delivery are those that were issued for generation occurring in the first six calendar months of the specified vintage year.
Eligible Deliverer	
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

## <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2020 Back Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	TTA
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs). Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.
	RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year.
Eligible Deliverer	months of the specifica vintage year.
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

## <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2021 Back Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	ТТВ
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs). Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.  RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year.
Eligible Deliverer	
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

## <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2022 Back Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	TTC
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs). Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.  RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year.
Eligible Deliverer	
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

## <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2023 Back Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	TTD
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs).  Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.
	RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year.
Eligible Deliverer	1
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

## <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2024 Back Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	TTE
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs).  Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.
	RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year.
Eligible Deliverer	
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

## <u>Texas Compliance Solar Renewable Energy Certificate from CRS Listed</u> <u>Facilities - Vintage 2025 Back Half Future</u>

ITEM	SPECIFICATION
Contract Description	Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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	TTF
Settlement Method	Physical Delivery
Hours of Trading	As defined at http://www.nodalexchange.com
Unit of Trading	1 lot
Lot Size	1,000 MWh representing 1,000 Texas RECs and 1,000 Compliance Premiums
Currency	US Dollars
Minimum Tick	\$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
Last Trading Date	Three Business Days prior to the last Business Day of the delivery month
Delivery Day	Three Business Days after the Last Trading Day (Last Business Day of the delivery month)
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.

ITEM	SPECIFICATION
Deliverable Product	The deliverable product for each single contract is 1,000 eligible RECs and, if required by the Green-e® certification program, 1,000 eligible Compliance Premiums (CPs). Texas RECs and CPs eligible for delivery are those which meet the REC requirements specified in the Public Utility Commission of Texas Substantive Rule Chapter 25, Subchapter H, Division 1 under the renewable energy trading program, having been generated from solar energy production technology.  RECs and CPs delivered must be from facilities 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 and CPs. RECs and, if required, the matching CPs must be from the same facility and satisfy the same Green-e® Energy vintage requirement. 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 and CPs acceptable for delivery are those that were issued for generation occurring in the last six calendar months of the specified vintage year.
Eligible Deliverer	
Registry	ERCOT Renewables Registry
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
Final Settlement (Payment) Date	Three or four Business Days after the Last Trading Day on the successful delivery of the underlying instruments (if the delivery confirmation is available by 11:30am on the third 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 11:30am, the payment will be made on the next Margin Cycle which will be the next Business Day)
Position Limit	Spot Month: 420 lots, Single Month Accountability Level: 420 lots, All Month Accountability Level: 420 lots
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2020 Back Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2020 Back Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2020 Back Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2020 Back Half Future
Code For Underlying Contract(s)	TBD
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2021 Back Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2021 Back Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2021 Back Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2021 Back Half Future
Code For Underlying Contract(s)	TBE
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

# <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2022 Back Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2022 Back Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2022 Back Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2022 Back Half Future
Code For Underlying Contract(s)	TBF
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2023 Back Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2023 Back Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2023 Back Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2023 Back Half Future
Code For Underlying Contract(s)	TBG
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-themoney Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2024 Back Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2024 Back Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2024 Back Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2024 Back Half Future
Code For Underlying Contract(s)	ТВН
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2025 Back Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2025 Back Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2025 Back Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2025 Back Half Future
Code For Underlying Contract(s)	TBI
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2026 Back Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2026 Back Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2026 Back Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2026 Back Half Future
Code For Underlying Contract(s)	ТВЈ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2027 Back Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2027 Back Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2027 Back Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2027 Back Half Future
Code For Underlying Contract(s)	ТВК
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars
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## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2028 Back Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2028 Back Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2028 Back Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2028 Back Half Future
Code For Underlying Contract(s)	TBL
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-themoney Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2029 Back Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2029 Back Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2029 Back Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2029 Back Half Future
Code For Underlying Contract(s)	TBM
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2030 Back Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2030 Back Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2030 Back Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2030 Back Half Future
Code For Underlying Contract(s)	TBN
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2020 Front Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2020 Front Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2020 Front Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2020 Front Half Future
Code For Underlying Contract(s)	TFD
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2021 Front Half Option</u>

ITEM	SPECIFICATION
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2021 Front Half Future
Option Style	European
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2021 Front Half Future
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2021 Front Half Future
Code For Underlying Contract(s)	TFE
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	1 lot of the Underlying Contract
Unit of Trading	1 lot, as defined in Contract Size per lot
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments
Currency	US Dollars
Minimum Tick	\$0.001 per REC
Settlement Price Precision	\$0.001 per REC
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options
Settlement Method	Exercise into Underlying Contracts
Position Limit	Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position
Margin Unit	US Dollars

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2022 Front Half Option</u>

ITEM	SPECIFICATION					
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2022 Front Half Future					
Option Style	European					
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2022 Front Half Future					
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2022 Front Half Future					
Code For Underlying Contract(s)	TFF					
Hours of Trading	As defined at http://www.nodalexchange.com					
Contract Size per Lot	1 lot of the Underlying Contract					
Unit of Trading	1 lot, as defined in Contract Size per lot					
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments					
Currency	US Dollars					
Minimum Tick	\$0.001 per REC					
Settlement Price Precision	\$0.001 per REC					
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month					
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.					
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction					
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate					
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options					
Settlement Method	Exercise into Underlying Contracts					
Position Limit  Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All M Accountability Level: 8950 lots. Weighted by Option delta and combined w Underlying Contract position						
Margin Unit US Dollars						

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2023 Front Half Option</u>

ITEM	SPECIFICATION						
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2023 Front Half Future						
Option Style	European  Toyas Compliance Pengwahla Energy Cortificate from CPS Listed Eacilities Vinta						
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2023 Front Half Future						
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2023 Front Half Future						
Code For Underlying Contract(s)	TFG						
Hours of Trading	As defined at http://www.nodalexchange.com						
Contract Size per Lot	1 lot of the Underlying Contract						
Unit of Trading	1 lot, as defined in Contract Size per lot						
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-t money Strike Price. The at-the-money strike price is the closest interval nearest the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined St Prices are allowed in \$0.01 increments						
Currency	US Dollars						
Minimum Tick	\$0.001 per REC						
Settlement Price Precision	\$0.001 per REC						
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month						
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.						
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction						
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate						
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options						
Settlement Method	Exercise into Underlying Contracts						
Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position							
	US Dollars						

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2024 Front Half Option</u>

ITEM	SPECIFICATION					
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2024 Front Half Future					
Option Style	European  Toyag Carrelianas Bangayahla Engres Carrificato fram CBS Listed Escilibias Vinte					
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2024 Front Half Future					
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2024 Front Half Future					
Code For Underlying Contract(s)	TFH					
Hours of Trading	As defined at http://www.nodalexchange.com					
Contract Size per Lot	1 lot of the Underlying Contract					
Unit of Trading	1 lot, as defined in Contract Size per lot					
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments					
Currency	US Dollars					
Minimum Tick	\$0.001 per REC					
Settlement Price Precision	\$0.001 per REC					
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month					
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.					
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction					
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate					
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options					
Settlement Method	Exercise into Underlying Contracts					
Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position						
Margin Unit US Dollars						

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2025 Front Half Option</u>

ITEM	SPECIFICATION					
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2025 Front Half Future					
Option Style	European					
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2025 Front Half Future					
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2025 Front Half Future					
Code For Underlying Contract(s)	TFI					
Hours of Trading	As defined at http://www.nodalexchange.com					
Contract Size per Lot	1 lot of the Underlying Contract					
Unit of Trading	1 lot, as defined in Contract Size per lot					
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments					
Currency	US Dollars					
Minimum Tick	\$0.001 per REC					
Settlement Price Precision	\$0.001 per REC					
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month					
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.					
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction					
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate					
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options					
Settlement Method	Exercise into Underlying Contracts					
Position Limit  Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All M Accountability Level: 8950 lots. Weighted by Option delta and combined w Underlying Contract position						
Margin Unit US Dollars						

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2026 Front Half Option</u>

ITEM	SPECIFICATION					
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energ Certificate from CRS Listed Facilities Vintage 2026 Front Half Future					
Option Style	European  Tours Compliance Beneviable Fragge Contificate frage CDS Listed Facilities Vinted					
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2026 Front Half Future					
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2026 Front Half Future					
Code For Underlying Contract(s)	TFJ					
Hours of Trading	As defined at http://www.nodalexchange.com					
Contract Size per Lot	1 lot of the Underlying Contract					
Unit of Trading	1 lot, as defined in Contract Size per lot					
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments					
Currency	US Dollars					
Minimum Tick	\$0.001 per REC					
Settlement Price Precision	\$0.001 per REC					
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month					
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.					
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction					
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate					
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options					
Settlement Method	Exercise into Underlying Contracts					
Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All Month Accountability Level: 8950 lots. Weighted by Option delta and combined with Underlying Contract position						
Margin Unit US Dollars						

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2027 Front Half Option</u>

Contract Description  An Option on the corresponding month of the Texas Compliance R Certificate from CRS Listed Facilities Vintage 2027 Front Half Future  Dytion Style  European  Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2027 Front Half Future  Underlying Contract  Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2027 Front Half Future  Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2027 Front Half Future  Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2027 Front Half Future  Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2027 Front Half Future	e acilities Vintage		
Underlying Contract  Texas Compliance Renewable Energy Certificate from CRS Listed Fa 2027 Front Half Future  Texas Compliance Renewable Energy Certificate from CRS Listed Fa 2027 Front Half Future  Code For Underlying  TEK			
Underlying Contract  2027 Front Half Future  Texas Compliance Renewable Energy Certificate from CRS Listed Factorial Code For Underlying  Texas Compliance Renewable Energy Certificate from CRS Listed Factorial Code For Underlying  Texas Compliance Renewable Energy Certificate from CRS Listed Factorial Code For Underlying			
Code For Underlying  TEK  2027 Front Half Future	acilities Vintage		
I I I FK			
Hours of Trading As defined at http://www.nodalexchange.com			
Contract Size per Lot 1 lot of the Underlying Contract			
Unit of Trading 1 lot, as defined in Contract Size per lot			
A minimum of ten Strike Prices in increments of \$0.05 above and be money Strike Price. The at-the-money strike price is the closest into the previous day's Settlement Price of the Underlying Contract. Strike Doundaries are adjusted according to futures price movements. Use Prices are allowed in \$0.01 increments	erval nearest to ike Price		
Currency US Dollars			
Minimum Tick \$0.001 per REC			
Settlement Price Precision \$0.001 per REC			
At 4:00 pm EPT on the 15th calendar day of the delivery month. W  calendar day is not a Business Day, the Last Trading Day shall be th  Day following the 15th calendar day of the delivery month			
Monthly contracts beginning with June of the corresponding vintage  Contract Series  December of the year following the vintage year. The exchange may  calendar month contract set off the standard listing cycle.			
Premium  The premium on the Option is paid from the buyer to the seller on settlement cycle following the Transaction	the next		
Daily Settlement Price  Determined by the Exchange based on Exchange activity, other man extrapolation to traded Option contracts, as appropriate	irket data, and		
Exercise  Exerci	allow the In-the-		
Settlement Method Exercise into Underlying Contracts			
Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All M  Position Limit Accountability Level: 8950 lots. Weighted by Option delta and combined w  Underlying Contract position			
Margin Unit US Dollars			

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2028 Front Half Option</u>

ITEM	SPECIFICATION					
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2028 Front Half Future					
Option Style	European  Tayas Complianas Banayahla Energy Cortificato from CBS Listed Escilities Vinto					
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2028 Front Half Future					
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2028 Front Half Future					
Code For Underlying Contract(s)	TFL					
Hours of Trading	As defined at http://www.nodalexchange.com					
Contract Size per Lot	1 lot of the Underlying Contract					
Unit of Trading	1 lot, as defined in Contract Size per lot					
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments					
Currency	US Dollars					
Minimum Tick	\$0.001 per REC					
Settlement Price Precision	\$0.001 per REC					
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month					
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.					
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction					
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate					
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options					
Settlement Method	Exercise into Underlying Contracts					
Position Limit  Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All M Accountability Level: 8950 lots. Weighted by Option delta and combined w Underlying Contract position						
Margin Unit	US Dollars					

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2029 Front Half Option</u>

ITEM	SPECIFICATION					
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2029 Front Half Future					
Option Style	European  Tayas Camplianas Banguabla Energy Cartificate from CBS Listed Facilities Vintes					
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2029 Front Half Future					
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2029 Front Half Future					
Code For Underlying Contract(s)	TFM					
Hours of Trading	As defined at http://www.nodalexchange.com					
Contract Size per Lot	1 lot of the Underlying Contract					
Unit of Trading	1 lot, as defined in Contract Size per lot					
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments					
Currency	US Dollars					
Minimum Tick	\$0.001 per REC					
Settlement Price Precision	\$0.001 per REC					
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month					
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.					
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction					
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate					
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options					
Settlement Method	Exercise into Underlying Contracts					
Position Limit  Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All M Accountability Level: 8950 lots. Weighted by Option delta and combined w Underlying Contract position						
Margin Unit	US Dollars					

## <u>Texas Compliance Renewable Energy Certificate from CRS Listed Facilities</u> <u>Vintage 2030 Front Half Option</u>

ITEM	SPECIFICATION					
Contract Description	An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2030 Front Half Future					
Option Style	European  Tayas Complianas Banayahla Energy Cortificato from CBS Listed Escilities Vinto					
Underlying Contract	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2030 Front Half Future					
Underlying Contract(s)	Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2030 Front Half Future					
Code For Underlying Contract(s)	TFN					
Hours of Trading	As defined at http://www.nodalexchange.com					
Contract Size per Lot	1 lot of the Underlying Contract					
Unit of Trading	1 lot, as defined in Contract Size per lot					
Strike Price	A minimum of ten Strike Prices in increments of \$0.05 above and below the at-the-money Strike Price. The at-the-money strike price is the closest interval nearest to the previous day's Settlement Price of the Underlying Contract. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.01 increments					
Currency	US Dollars					
Minimum Tick	\$0.001 per REC					
Settlement Price Precision	\$0.001 per REC					
Last Trading Day	At 4:00 pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month					
Contract Series	Monthly contracts 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 contract set off the standard listing cycle.					
Premium	The premium on the Option is paid from the buyer to the seller on the next settlement cycle following the Transaction					
Daily Settlement Price	Determined by the Exchange based on Exchange activity, other market data, and extrapolation to traded Option contracts, as appropriate					
Exercise	Exercise of In-the-Money Options is automatic on the Last Trading Day unless the Exchange is notified by 5:30 pm EPT on the Last Trading Day (1) to allow the In-the-Money Options to expire without exercise or (2) to exercise expiring Out-of-the-Money Options					
Settlement Method	Exercise into Underlying Contracts					
Spot Month: 8950 lots, Single Month Accountability Level: 8950 lots, All M  Position Limit Accountability Level: 8950 lots. Weighted by Option delta and combined w  Underlying Contract position						
Margin Unit US Dollars						

#### 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)	Spot Month Accountability Level (lots)	Single Month Accountability Level (lots)	All Month Accountability Level (lots)	Aggregation Group*
TSA	TX SREC CRS V20 Front Half Future	25	420		420	420	
TTA	TX SREC CRS V20 Back Half Future	25	420		420	420	
MWA	M-RETS REC CRS Wind V20 Front Half Future	25	1330		1330	1330	
MXA	M-RETS REC CRS Wind V20 Back Half Future	25	1330		1330	1330	
NYA	NY REC Tier 1 V20 Future	25	2390		2390	2390	
TSB	TX SREC CRS V21 Front Half Future	25	420		420	420	
TTB	TX SREC CRS V21 Back Half Future	25	420		420	420	
MWB	M-RETS REC CRS Wind V21 Front Half Future	25	1330		1330	1330	
MXB	M-RETS REC CRS Wind V21 Back Half Future	25	1330		1330	1330	
NYB	NY REC Tier 1 V21 Future	25	2390		2390	2390	
TSC	TX SREC CRS V22 Front Half Future	25	420		420	420	
TTC	TX SREC CRS V22 Back Half Future	25	420		420	420	
MWC	M-RETS REC CRS Wind V22 Front Half Future	25	1330		1330	1330	
MXC	M-RETS REC CRS Wind V22 Back Half Future	25	1330		1330	1330	
NYC	NY REC Tier 1 V22 Future	25	2390		2390	2390	
TSD	TX SREC CRS V23 Front Half Future	25	420		420	420	
TTD	TX SREC CRS V23 Back Half Future	25	420		420	420	
MWD	M-RETS REC CRS Wind V23 Front Half Future	25	1330		1330	1330	
MXD	M-RETS REC CRS Wind V23 Back Half Future	25	1330		1330	1330	
NYD	NY REC Tier 1 V23 Future	25	2390		2390	2390	
TSE	TX SREC CRS V24 Front Half Future	25	420		420	420	
TTE	TX SREC CRS V24 Back Half Future	25	420		420	420	
MWE	M-RETS REC CRS Wind V24 Front Half Future	25	1330		1330	1330	
MXE	M-RETS REC CRS Wind V24 Back Half Future	25	1330		1330	1330	
NYE	NY REC Tier 1 V24 Future	25	2390		2390	2390	
TSF	TX SREC CRS V25 Front Half Future	25	420		420	420	
TTF	TX SREC CRS V25 Back Half Future	25	420		420	420	
MWF	M-RETS REC CRS Wind V25 Front Half Future	25	1330		1330	1330	
MXF	M-RETS REC CRS Wind V25 Back Half Future	25	1330		1330	1330	
NYF	NY REC Tier 1 V25 Future	25	2390		2390	2390	

<sup>\*</sup> In addition to the individual position limit of each contract, Nodal Exchange has a separate algorithm to check the combined position limit of contracts within the same aggregation group.

<sup>\*\*</sup> For Options expiring during, or at the close of, the Underlying Contract's delivery period, the combined Underlying Contract and futures-equivalent Options position will be subject to the position limit established for the Underlying Contract

<sup>\*\*\*</sup> Reporting Level for Option is 25.