

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Maryland Compliance Renewable Energy Certificate Tier 2 Vintage 2020 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Maryland Tier 2 Renewable Energy Certificate ("Maryland Tier 2 REC") where a REC is an electronic certificate issued by PJM GATS for qualifying generation. |
| Contract Code | MHD |
| 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 2 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 | February of the year following the vintage year, plus one additional February. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years. |
| Deliverable Product | Maryland Tier 2 RECs eligible for delivery are those which are eligible to meet the Tier 2 renewable energy requirement (as defined in the Maryland Renewable Energy Portfolio Standard promulgated under 7-701 of the Public Utilities Article of the Annotated Code of Maryland and issued by PJM GATS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | PJM-EIS Generation Attribute Tracking System (PJM GATS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 13600 lots, Single Month Accountability Level: 13600 lots, All Month Accountability Level: 13600 lots |
| Margin Unit | US Dollars |

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Maryland Compliance Renewable Energy Certificate Tier 2 Vintage 2021 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Maryland Tier 2 Renewable Energy Certificate ("Maryland Tier 2 REC") where a REC is an electronic certificate issued by PJM GATS for qualifying generation. |
| Contract Code | MHE |
| 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 2 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 | February of the year following the vintage year, plus one additional February. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years. |
| Deliverable Product | Maryland Tier 2 RECs eligible for delivery are those which are eligible to meet the Tier 2 renewable energy requirement (as defined in the Maryland Renewable Energy Portfolio Standard promulgated under 7-701 of the Public Utilities Article of the Annotated Code of Maryland and issued by PJM GATS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | PJM-EIS Generation Attribute Tracking System (PJM GATS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 13600 lots, Single Month Accountability Level: 13600 lots, All Month Accountability Level: 13600 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Maryland Compliance Renewable Energy Certificate Tier 2 Vintage 2022 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Maryland Tier 2 Renewable Energy Certificate ("Maryland Tier 2 REC") where a REC is an electronic certificate issued by PJM GATS for qualifying generation. |
| Contract Code | MHF |
| 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 2 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 | February of the year following the vintage year, plus one additional February. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years. |
| Deliverable Product | Maryland Tier 2 RECs eligible for delivery are those which are eligible to meet the Tier 2 renewable energy requirement (as defined in the Maryland Renewable Energy Portfolio Standard promulgated under 7-701 of the Public Utilities Article of the Annotated Code of Maryland and issued by PJM GATS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | PJM-EIS Generation Attribute Tracking System (PJM GATS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 13600 lots, Single Month Accountability Level: 13600 lots, All Month Accountability Level: 13600 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Maryland Compliance Renewable Energy Certificate Tier 2 Vintage 2023 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Maryland Tier 2 Renewable Energy Certificate ("Maryland Tier 2 REC") where a REC is an electronic certificate issued by PJM GATS for qualifying generation. |
| Contract Code | MHG |
| 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 2 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 | February of the year following the vintage year, plus one additional February. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years. |
| Deliverable Product | Maryland Tier 2 RECs eligible for delivery are those which are eligible to meet the Tier 2 renewable energy requirement (as defined in the Maryland Renewable Energy Portfolio Standard promulgated under 7-701 of the Public Utilities Article of the Annotated Code of Maryland and issued by PJM GATS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | PJM-EIS Generation Attribute Tracking System (PJM GATS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 13600 lots, Single Month Accountability Level: 13600 lots, All Month Accountability Level: 13600 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Maryland Compliance Renewable Energy Certificate Tier 2 Vintage 2024 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Maryland Tier 2 Renewable Energy Certificate ("Maryland Tier 2 REC") where a REC is an electronic certificate issued by PJM GATS for qualifying generation. |
| Contract Code | MHH |
| 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 2 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 | February of the year following the vintage year, plus one additional February. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years. |
| Deliverable Product | Maryland Tier 2 RECs eligible for delivery are those which are eligible to meet the Tier 2 renewable energy requirement (as defined in the Maryland Renewable Energy Portfolio Standard promulgated under 7-701 of the Public Utilities Article of the Annotated Code of Maryland and issued by PJM GATS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | PJM-EIS Generation Attribute Tracking System (PJM GATS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 13600 lots, Single Month Accountability Level: 13600 lots, All Month Accountability Level: 13600 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Maryland Compliance Renewable Energy Certificate Tier 2 Vintage 2025 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Maryland Tier 2 Renewable Energy Certificate ("Maryland Tier 2 REC") where a REC is an electronic certificate issued by PJM GATS for qualifying generation. |
| Contract Code | MHI |
| 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 2 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 | February of the year following the vintage year, plus one additional February. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years. |
| Deliverable Product | Maryland Tier 2 RECs eligible for delivery are those which are eligible to meet the Tier 2 renewable energy requirement (as defined in the Maryland Renewable Energy Portfolio Standard promulgated under 7-701 of the Public Utilities Article of the Annotated Code of Maryland and issued by PJM GATS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | PJM-EIS Generation Attribute Tracking System (PJM GATS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 13600 lots, Single Month Accountability Level: 13600 lots, All Month Accountability Level: 13600 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Maine Renewable Energy Certificate Class 2 Vintage 2021 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Maine Class II Renewable Energy Certificates (Maine Class II REC) where a Maine Class II REC is an electronic certificate issued by the NEPOOL GIS for qualifying generation. |
| Contract Code | MQE |
| 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 Maine Class II RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 | July, August, October, November of the vintage year. January, February, April, May of the year following the vintage year. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years. |
| Deliverable Product | Maine Class II RECs eligible for delivery are those representing Class II renewable resources (defined in Code of Maine Rules (CMR) 65-407, c.311, §4) eligible to meet the Class II requirement of the Maine Renewable Resource Portfolio Requirement promulgated under Code of Maine Rules (CMR) 65-407, c.311 and issued by NEPOOL GIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | New England Power Pool Generation Information System (NEPOOL GIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 30339 lots, Single Month Accountability Level: 30339 lots, All Month Accountability Level: 30339 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Maine Renewable Energy Certificate Class 2 Vintage 2022 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Maine Class II Renewable Energy Certificates (Maine Class II REC) where a Maine Class II REC is an electronic certificate issued by the NEPOOL GIS for qualifying generation. |
| Contract Code | MQF |
| 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 Maine Class II RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 | July, August, October, November of the vintage year. January, February, April, May of the year following the vintage year. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years. |
| Deliverable Product | Maine Class II RECs eligible for delivery are those representing Class II renewable resources (defined in Code of Maine Rules (CMR) 65-407, c.311, §4) eligible to meet the Class II requirement of the Maine Renewable Resource Portfolio Requirement promulgated under Code of Maine Rules (CMR) 65-407, c.311 and issued by NEPOOL GIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | New England Power Pool Generation Information System (NEPOOL GIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 30339 lots, Single Month Accountability Level: 30339 lots, All Month Accountability Level: 30339 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Maine Renewable Energy Certificate Class 2 Vintage 2023 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Maine Class II Renewable Energy Certificates (Maine Class II REC) where a Maine Class II REC is an electronic certificate issued by the NEPOOL GIS for qualifying generation. |
| Contract Code | MQG |
| 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 Maine Class II RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 | July, August, October, November of the vintage year. January, February, April, May of the year following the vintage year. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years. |
| Deliverable Product | Maine Class II RECs eligible for delivery are those representing Class II renewable resources (defined in Code of Maine Rules (CMR) 65-407, c.311, §4) eligible to meet the Class II requirement of the Maine Renewable Resource Portfolio Requirement promulgated under Code of Maine Rules (CMR) 65-407, c.311 and issued by NEPOOL GIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | New England Power Pool Generation Information System (NEPOOL GIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
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| Position Limit | Spot Month: 30339 lots, Single Month Accountability Level: 30339 lots, All Month Accountability Level: 30339 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Maine Renewable Energy Certificate Class 2 Vintage 2024 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Maine Class II Renewable Energy Certificates (Maine Class II REC) where a Maine Class II REC is an electronic certificate issued by the NEPOOL GIS for qualifying generation. |
| Contract Code | MQH |
| 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 Maine Class II RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 | July, August, October, November of the vintage year. January, February, April, May of the year following the vintage year. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years. |
| Deliverable Product | Maine Class II RECs eligible for delivery are those representing Class II renewable resources (defined in Code of Maine Rules (CMR) 65-407, c.311, §4) eligible to meet the Class II requirement of the Maine Renewable Resource Portfolio Requirement promulgated under Code of Maine Rules (CMR) 65-407, c.311 and issued by NEPOOL GIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | New England Power Pool Generation Information System (NEPOOL GIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
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| Position Limit | Spot Month: 30339 lots, Single Month Accountability Level: 30339 lots, All Month Accountability Level: 30339 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Maine Renewable Energy Certificate Class 2 Vintage 2025 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Maine Class II Renewable Energy Certificates (Maine Class II REC) where a Maine Class II REC is an electronic certificate issued by the NEPOOL GIS for qualifying generation. |
| Contract Code | MQI |
| 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 Maine Class II RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 | July, August, October, November of the vintage year. January, February, April, May of the year following the vintage year. The exchange may list any other calendar month contract set off the standard listing cycle for up to 10 years. |
| Deliverable Product | Maine Class II RECs eligible for delivery are those representing Class II renewable resources (defined in Code of Maine Rules (CMR) 65-407, c.311, §4) eligible to meet the Class II requirement of the Maine Renewable Resource Portfolio Requirement promulgated under Code of Maine Rules (CMR) 65-407, c.311 and issued by NEPOOL GIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | New England Power Pool Generation Information System (NEPOOL GIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 30339 lots, Single Month Accountability Level: 30339 lots, All Month Accountability Level: 30339 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2020 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NKD |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

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| ITEM | SPECIFICATION |
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| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR 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 North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NKE |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2022 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NKF |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR 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 North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NKG |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR 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 North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NKH |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR 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 North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NKI |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2026 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NKJ |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2027 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NKK |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2028 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NKL |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2029 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NKM |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2030 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NKN |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR 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 North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NLD |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2021 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NLE |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR 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 North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NLF |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR 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 North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NLG |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR 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 North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NLH |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR 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 North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NLI |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2026 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NLJ |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2027 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NLK |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2028 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NLL |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2029 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NLM |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Wind Energy Facilities - Vintage 2030 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying wind energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NLN |
| 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 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 NAR 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 6695 lots, Single Month Accountability Level: 6695 lots, All Month Accountability Level: 6695 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

New Jersey Solar Renewable Energy Certificate Vintage 2028 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered New Jersey Solar Renewable Energy Certificates (“New Jersey SREC”) where a SREC is an electronic certificate issued by the PJM Environmental Information System Generation Attribute Tracking System (“PJM GATS”) for qualifying generation. |
| Contract Code | NSL |
| Settlement Method | Physical Delivery |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot |
| Lot Size | 10 MWh representing 10 New Jersey SRECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 September of the year prior to the vintage year, through August of two years after the Vintage year. The exchange may list any other calendar month contract set off the standard listing cycle for up to 4 years. |
| Deliverable Product | New Jersey SRECs eligible for delivery are those which are eligible to meet the SREC requirements specified in N.J.A.C. 14:8-2-3 under the New Jersey Renewable Energy Portfolio Standard promulgated under N.J.A.C. 14:8 verified and qualified by the NJ Board of Public Utilities having an Energy Year designation that corresponds to the specified Energy Year of the expiring contract. |
| Registry | PJM-EIS Generation Attribute Tracking System (PJM GATS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 69,600 lots, Single Month Accountability Level: 41,100 lots, All Month Accountability Level: 41,100 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

New Jersey Solar Renewable Energy Certificate Vintage 2029 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered New Jersey Solar Renewable Energy Certificates (“New Jersey SREC”) where a SREC is an electronic certificate issued by the PJM Environmental Information System Generation Attribute Tracking System (“PJM GATS”) for qualifying generation. |
| Contract Code | NSM |
| Settlement Method | Physical Delivery |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot |
| Lot Size | 10 MWh representing 10 New Jersey SRECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 September of the year prior to the vintage year, through August of two years after the Vintage year. The exchange may list any other calendar month contract set off the standard listing cycle for up to 4 years. |
| Deliverable Product | New Jersey SRECs eligible for delivery are those which are eligible to meet the SREC requirements specified in N.J.A.C. 14:8-2-3 under the New Jersey Renewable Energy Portfolio Standard promulgated under N.J.A.C. 14:8 verified and qualified by the NJ Board of Public Utilities having an Energy Year designation that corresponds to the specified Energy Year of the expiring contract. |
| Registry | PJM-EIS Generation Attribute Tracking System (PJM GATS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 57,100 lots, Single Month Accountability Level: 41,100 lots, All Month Accountability Level: 41,100 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

New Jersey Solar Renewable Energy Certificate Vintage 2030 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered New Jersey Solar Renewable Energy Certificates (“New Jersey SREC”) where a SREC is an electronic certificate issued by the PJM Environmental Information System Generation Attribute Tracking System (“PJM GATS”) for qualifying generation. |
| Contract Code | NSN |
| Settlement Method | Physical Delivery |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot |
| Lot Size | 10 MWh representing 10 New Jersey SRECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 September of the year prior to the vintage year, through August of two years after the Vintage year. The exchange may list any other calendar month contract set off the standard listing cycle for up to 4 years. |
| Deliverable Product | New Jersey SRECs eligible for delivery are those which are eligible to meet the SREC requirements specified in N.J.A.C. 14:8-2-3 under the New Jersey Renewable Energy Portfolio Standard promulgated under N.J.A.C. 14:8 verified and qualified by the NJ Board of Public Utilities having an Energy Year designation that corresponds to the specified Energy Year of the expiring contract. |
| Registry | PJM-EIS Generation Attribute Tracking System (PJM GATS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 41,000 lots, Single Month Accountability Level: 41,100 lots, All Month Accountability Level: 41,100 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2020 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NUD |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2021 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NUE |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2022 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NUF |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2023 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NUG |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2024 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NUH |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2025 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NUI |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2026 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NUJ |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2027 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NUK |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2028 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NUL |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2029 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NUM |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2030 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NUN |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2020 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NVD |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2021 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NVE |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2022 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NVF |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2023 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NVG |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2024 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NVH |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2025 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NVI |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2026 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NVJ |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2027 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NVK |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2028 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NVL |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2029 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NVM |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

NAR Registered Renewable Energy Certificates from CRS Listed Solar Energy Facilities - Vintage 2030 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Renewable Energy Certificates (REC) issued by the North American Renewables Registry™ (NAR) for qualifying solar energy production from facilities which are listed with the Center for Resource Solutions (CRS) as an element of CRS' administration of its Green-e® certification program. |
| Contract Code | NVN |
| 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 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 NAR for qualifying solar 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. |
| Registry | North American Renewables Registry™ (NAR) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| 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: 516 lots, Single Month Accountability Level: 516 lots, All Month Accountability Level: 516 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2033 Back Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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 | TBQ |
| 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 |
| Currency | US Dollars |
| Minimum Tick | \$0.001 per MWh |
| Settlement Price Precision | \$0.001 per MWh |
| 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 | Texas RECs eligible for delivery are those which are eligible to 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 wind energy production technology. REC Offsets are not deliverable. RECs 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. 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. |
| 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 |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| ITEM | SPECIFICATION |
|--|---|
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 11541 lots, Single Month Accountability Level: 11541 lots, All Month Accountability Level: 11541 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2033 Front Half Future

| ITEM | SPECIFICATION |
|-----------------------------------|--|
| Contract Description | Physically delivered Texas Compliance Renewable Energy Certificates (REC) issued by the ERCOT Renewables Registry 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 | TFQ |
| 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 |
| Currency | US Dollars |
| Minimum Tick | \$0.001 per MWh |
| Settlement Price Precision | \$0.001 per MWh |
| 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 | Texas RECs eligible for delivery are those which are eligible to 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 wind energy production technology. REC Offsets are not deliverable. RECs 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. 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 last six calendar months of the specified 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 |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

| ITEM | SPECIFICATION |
|--|---|
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 11541 lots, Single Month Accountability Level: 11541 lots, All Month Accountability Level: 11541 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

California PCC 3 REC Vintage 2021 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Renewable Energy Certificates (RECs) issued by the Western Renewable Energy Generation Information System (WREGIS) for qualifying production that satisfies the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 |
| Contract Code | WAE |
| 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 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 March of the corresponding vintage year through June 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 eligible for delivery are those eligible to satisfy the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in the California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 and issued by WREGIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | Western Renewable Energy Generation Information System (WREGIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 24800 lots, Single Month Accountability Level: 24800 lots, All Month Accountability Level: 24800 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

California PCC 3 REC Vintage 2022 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Renewable Energy Certificates (RECs) issued by the Western Renewable Energy Generation Information System (WREGIS) for qualifying production that satisfies the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 |
| Contract Code | WAF |
| 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 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 March of the corresponding vintage year through June 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 eligible for delivery are those eligible to satisfy the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in the California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 and issued by WREGIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | Western Renewable Energy Generation Information System (WREGIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 26700 lots, Single Month Accountability Level: 26700 lots, All Month Accountability Level: 26700 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

California PCC 3 REC Vintage 2023 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Renewable Energy Certificates (RECs) issued by the Western Renewable Energy Generation Information System (WREGIS) for qualifying production that satisfies the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 |
| Contract Code | WAG |
| 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 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 March of the corresponding vintage year through June 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 eligible for delivery are those eligible to satisfy the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in the California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 and issued by WREGIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | Western Renewable Energy Generation Information System (WREGIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 28600 lots, Single Month Accountability Level: 28600 lots, All Month Accountability Level: 28600 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

California PCC 3 REC Vintage 2024 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Renewable Energy Certificates (RECs) issued by the Western Renewable Energy Generation Information System (WREGIS) for qualifying production that satisfies the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 |
| Contract Code | WAH |
| 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 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 March of the corresponding vintage year through June 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 eligible for delivery are those eligible to satisfy the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in the California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 and issued by WREGIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | Western Renewable Energy Generation Information System (WREGIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 30500 lots, Single Month Accountability Level: 30500 lots, All Month Accountability Level: 30500 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

California PCC 3 REC Vintage 2025 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Renewable Energy Certificates (RECs) issued by the Western Renewable Energy Generation Information System (WREGIS) for qualifying production that satisfies the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 |
| Contract Code | WAI |
| 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 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 March of the corresponding vintage year through June 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 eligible for delivery are those eligible to satisfy the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in the California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 and issued by WREGIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | Western Renewable Energy Generation Information System (WREGIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 32300 lots, Single Month Accountability Level: 32300 lots, All Month Accountability Level: 32300 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

California PCC 3 REC Vintage 2026 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Renewable Energy Certificates (RECs) issued by the Western Renewable Energy Generation Information System (WREGIS) for qualifying production that satisfies the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 |
| Contract Code | WAJ |
| 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 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 March of the corresponding vintage year through June 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 eligible for delivery are those eligible to satisfy the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in the California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 and issued by WREGIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | Western Renewable Energy Generation Information System (WREGIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 34200 lots, Single Month Accountability Level: 34200 lots, All Month Accountability Level: 34200 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

California PCC 3 REC Vintage 2027 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Renewable Energy Certificates (RECs) issued by the Western Renewable Energy Generation Information System (WREGIS) for qualifying production that satisfies the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 |
| Contract Code | WAK |
| 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 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 March of the corresponding vintage year through June 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 eligible for delivery are those eligible to satisfy the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in the California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 and issued by WREGIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | Western Renewable Energy Generation Information System (WREGIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 36100 lots, Single Month Accountability Level: 36100 lots, All Month Accountability Level: 36100 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

California PCC 3 REC Vintage 2028 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Renewable Energy Certificates (RECs) issued by the Western Renewable Energy Generation Information System (WREGIS) for qualifying production that satisfies the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 |
| Contract Code | WAL |
| 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 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 March of the corresponding vintage year through June 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 eligible for delivery are those eligible to satisfy the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in the California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 and issued by WREGIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | Western Renewable Energy Generation Information System (WREGIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 37900 lots, Single Month Accountability Level: 37900 lots, All Month Accountability Level: 37900 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

California PCC 3 REC Vintage 2029 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Renewable Energy Certificates (RECs) issued by the Western Renewable Energy Generation Information System (WREGIS) for qualifying production that satisfies the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 |
| Contract Code | WAM |
| 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 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 March of the corresponding vintage year through June 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 eligible for delivery are those eligible to satisfy the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in the California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 and issued by WREGIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | Western Renewable Energy Generation Information System (WREGIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 39800 lots, Single Month Accountability Level: 39800 lots, All Month Accountability Level: 39800 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

California PCC 3 REC Vintage 2030 Future

| ITEM | SPECIFICATION |
|--|---|
| Contract Description | Physically delivered Renewable Energy Certificates (RECs) issued by the Western Renewable Energy Generation Information System (WREGIS) for qualifying production that satisfies the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 |
| Contract Code | WAN |
| 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 RECs |
| Currency | US Dollars |
| Minimum Tick | \$0.01 per MWh |
| Settlement Price Precision | \$0.01 per MWh |
| 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 March of the corresponding vintage year through June 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 eligible for delivery are those eligible to satisfy the Portfolio Content Category (PCC) 3 for Unbundled Renewable Energy Credits as defined in the California Public Utility Commission decision 11-12-052 and California Public Utility Code §399.16 and issued by WREGIS having a vintage or energy year designation that corresponds to the specified vintage of the expiring contract. |
| Registry | Western Renewable Energy Generation Information System (WREGIS) |
| Daily Settlement Price | Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate |
| Final Settlement Price | The Daily Settlement Price on the Last Trading Day |
| Delivery | On the Last Trading Day, the Exchange will provide the Clearing House with information identifying the Participants with delivery obligations for the purpose of issuing Tender and invoice notices in accordance with Section IX (Physical Delivery and Settlement) of the Nodal Clear Rulebook. |
| 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: 41500 lots, Single Month Accountability Level: 41500 lots, All Month Accountability Level: 41500 lots |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

New Jersey Solar Renewable Energy Certificate Vintage 2028 Option

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | An Option on the corresponding month of the New Jersey Solar Renewable Energy Certificate Vintage 2028 Future |
| Option Style | European |
| Underlying Contract | NSL |
| 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 \$1.00 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 \$1.00 increments |
| Currency | US Dollars |
| Minimum Tick | \$0.001 per Allowance |
| Settlement Price Precision | \$0.001 per Allowance |
| 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 September of the year prior to the vintage year, through August of two years after the Vintage year. The exchange may list any other calendar month contract set off the standard listing cycle for up to 4 years. |
| 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: 69,600 lots, Single Month Accountability Level: 41,100 lots, All Month Accountability Level: 41,100 lots Weighted by Option delta and combined with Underlying Contract position. |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

New Jersey Solar Renewable Energy Certificate Vintage 2029 Option

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | An Option on the corresponding month of the New Jersey Solar Renewable Energy Certificate Vintage 2029 Future |
| Option Style | European |
| Underlying Contract | NSM |
| 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 \$1.00 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 \$1.00 increments |
| Currency | US Dollars |
| Minimum Tick | \$0.001 per Allowance |
| Settlement Price Precision | \$0.001 per Allowance |
| 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 September of the year prior to the vintage year, through August of two years after the Vintage year. The exchange may list any other calendar month contract set off the standard listing cycle for up to 4 years. |
| 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: 57,100 lots, Single Month Accountability Level: 41,100 lots, All Month Accountability Level: 41,100 lots Weighted by Option delta and combined with Underlying Contract position. |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

New Jersey Solar Renewable Energy Certificate Vintage 2030 Option

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | An Option on the corresponding month of the New Jersey Solar Renewable Energy Certificate Vintage 2030 Future |
| Option Style | European |
| Underlying Contract | NSN |
| 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 \$1.00 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 \$1.00 increments |
| Currency | US Dollars |
| Minimum Tick | \$0.001 per Allowance |
| Settlement Price Precision | \$0.001 per Allowance |
| 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 September of the year prior to the vintage year, through August of two years after the Vintage year. The exchange may list any other calendar month contract set off the standard listing cycle for up to 4 years. |
| 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: 41,000 lots, Single Month Accountability Level: 41,100 lots, All Month Accountability Level: 41,100 lots Weighted by Option delta and combined with Underlying Contract position. |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2033 Back Half Option

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2033 Back Half Future |
| Option Style | European |
| Underlying Contract | TBQ |
| 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: 11541 lots, Single Month Accountability Level: 11541 lots, All Month Accountability Level: 11541 lots Weighted by Option delta and combined with Underlying Contract position. |
| Margin Unit | US Dollars |

Exhibit A: September 8, 2021 Addition to Nodal Exchange Appendix A - Contract Specifications

Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2033 Front Half Option

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Contract Description | An Option on the corresponding month of the Texas Compliance Renewable Energy Certificate from CRS Listed Facilities Vintage 2033 Front Half Future |
| Option Style | European |
| Underlying Contract | TFQ |
| 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: 11541 lots, Single Month Accountability Level: 11541 lots, All Month Accountability Level: 11541 lots Weighted by Option delta and combined with Underlying Contract position. |
| Margin Unit | US Dollars |