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PUBLIC UTILITIES

BOARD OF PUBLIC UTILITIES

SOLAR TRANSITION INCENTIVE

Proposed New Rules: N.J.A.C. 14:8-10

Proposed Rule Amendments: N.J.A.C. 14:8-2.2; N.J.A.C. 14:8-2.3; N.J.A.C. 14:8-2.4; N.J.A.C. 14:8-2.8; N.J.A.C. 14:8-2.9; N.J.A.C. 14:8-2.11

Authorized By: New Jersey Board of Public Utilities, Joseph L. Fiordaliso, President, Mary-Anna Holden, Dianne Solomon, Upendra Chivukula, and Robert M. Gordon, Commissioners.

Authority: N.J.S.A. 48:2-1 et seq., in particular 48:2-13, 48:3-51, and 48:3-87

Calendar Reference: See Summary below for explanation of exception to calendar requirement.

BPU Docket Number:

Proposal Number:

The agency proposal is as follows:

Summary

In this rule proposal, the Board of Public Utilities (Board) is proposing to amend its existing solar energy rule and create a new section establishing a Transition Incentive (“TI”) Program to facilitate the replacement of the Solar Renewable Energy Certificate (“SREC”) Program. The Clean Energy Act of 2018 (P.L. 2018, C.17, “Clean Energy Act”) mandates that the Board close

the SREC Program upon the state's attainment of 5.1% of its retail electricity sales from solar electric generation facilities ("5.1% Milestone"). The Board envisions moving the State's solar energy program in two stages. The first, is a Transition Incentive Program to be established upon adoption of this proposal following the normal process for comment and evaluation. The second, a long-term solar Successor Incentive Program, would be established through another rule-making. The Transition Incentive ("TI") is a Transition Renewable Energy Certificate ("TREC") designed to ensure a smooth and efficient transition from the current SREC Program to a new solar Successor Incentive Program. The TI Program will provide stability to developers and owners of solar installations in the SREC Program pipeline at the time the Board closes the SREC Program to new registrations and until the Board implements a successor incentive program.

At N.J.A.C. 14:8-2.2, the Board proposes to add definitions for the terms "Generation Attribute Tracking System," "Transition Incentive ("TI")-Eligible Project," "Transition Renewable Energy Certificate," and "TREC Administrator."

At N.J.A.C. 14:8-2.3, the Board proposes to amend the renewable energy requirements for electricity suppliers/providers ("TPS/BGS Providers") in New Jersey to include a TREC purchase obligation, and replaces the term "solar energy" or "solar electric generation" with either SRECs or both SRECs and TRECs as relevant. At N.J.A.C. 14:8-2.3(r), (s), and (t), the Board proposes the method by which the TREC obligation will be established and administered.

At N.J.A.C. 14:8-2.4, the Board proposes to amend the SREC Registration process by setting a deadline by which a facility owner must notify the Board that a facility has commenced commercial operations and submit its post-construction certification package. The Board also proposes to correct a typographic error addressing where the certification package must be submitted.

At N.J.A.C. 14:8-2.8, the Board proposes to define the energy years during which a TREC can be used to comply with the Renewable Portfolio Standards (“RPS”) requirements. The Board also proposes that in using TRECs for RPS compliance, TRECs be treated like SRECs and RECs such that TRECs cannot be used for other purposes or retired more than once.

At N.J.A.C. 14:8-2.9, the Board proposes to extend provisions relating to the issuance of RECs and SRECs to include the TRECs.

At N.J.A.C. 14:8-2.11, the Board proposes to amend the RPS Compliance annual report deadline for TPS/BGS providers, and includes TRECs in the reporting requirements.

At N.J.A.C. 14:8-10, the Board proposes a new subchapter relating to the creation of a solar Transition Incentive. Specifically, at N.J.A.C. 14:8-10.1, the Board sets forth the purpose and scope of this new subchapter, namely the creation of rules for the establishment of a solar energy Transition Incentive Program. At N.J.A.C. 14:8-10.2, the Board proposes to define certain terms specific to this subchapter. At N.J.A.C. 14:8-10.3, the Board proposes the structure of the TI Program via the creation of TRECs and a TI-Renewable Portfolio Standard (“TI-RPS”). At N.J.A.C. 14:8-10.4, the Board proposes the characteristics for Transition Incentive-eligible projects. At N.J.A.C. 14:8-10.5, the Board proposes the method by which the value of a TREC would be determined. At N.J.A.C. 14:8-10.6, the Board proposes the mechanism through which TRECs are created.

Social Impact

This rule proposal will have a positive social impact on New Jersey by facilitating a seamless transition between the closure of the SREC Program and the opening of a new solar Successor Incentive Program. In slightly over 15 years, the SREC Program has provided more

than \$3.3 billion in incentives to in excess of 120,000 residential, commercial, industrial and institutional projects, leveraging over \$10 billion in private sector investment. These investments have resulted in over 3 Gigawatts (“GW”) of installed solar electricity generating capacity which has reduced statewide expenditures on imported electricity and the costs of its associated air pollution.

Economic Impact

The implementation of the proposed TI Program is anticipated to encourage an estimated \$980 million in investment through the installation of approximately 430 Megawatt dc (“MWdc”) of new solar electricity generating capacity. The Board expects that approximately twenty percent of this capacity will be installed on residential rooftops, sixty percent on non-residential rooftops or adjacent land, and the remainder on landfills or brownfields. The projects are anticipated to be installed over the next year and a half and result in average annual direct expenditures of approximately \$60 million per year for 15 years, after an initial ramp up period. As with most capital infrastructure investments, the continued investment in solar electricity generating capacity will stimulate additional indirect economic benefits through local jobs and services. Additionally, clean, local, renewable electricity generation reduces greenhouse gas emissions, as well as those linked to negative impacts on human health and biodiversity. Cleaner air brings real economic benefits from improved health outcomes for New Jersey residents.

Federal Standards Statement

N.J.S.A. 52:14B-1 et seq., require State agencies that adopt, readopt, or amend State rules exceeding any Federal standards or requirements to include in the rulemaking document a Federal

standards analysis. This rule proposal has no Federal analogue and is not promulgated under the authority of, or in order to implement, comply with, or participate in any program established under Federal law or under a State statute that incorporates or refers to Federal law, Federal standards, or Federal requirements. Accordingly, Executive Order No. 27 (1994) and N.J.S.A. 52:14B-1 et seq., do not require a Federal standards analysis for the proposed amendments.

Jobs Impact

This rule proposal is designed to facilitate the continued development of the solar market in New Jersey, by providing a bridge between the closure of the SREC Program and the opening of a successor incentive program. This rule proposal operates as a carve-out of the existing New Jersey Class I RPS, and, thus, contributes to maintaining jobs in the development, construction, and operation of solar facilities.

Agriculture Industry Impact

This rule proposal does not establish additional standards for the preservation of farmland in New Jersey per se, but by establishing the prerequisite that only those grid supply projects approved by the Board pursuant to Subsection t or Subsection r of the Solar Act of 2012 are eligible for TRECs builds upon the eligibility criteria established in earlier solar incentive programs. Specifically, existing solar rules at N.J.A.C. 14:8-2.4(g) incorporated into the TI Program prohibit the siting of solar projects on land designated as farmland. The proposed TI Program also provides a higher level of incentive to projects that are located on rooftops, landfills and brownfields, or that participate in the New Jersey Community Solar Program.

Regulatory Flexibility Statement

This rule proposal will not impose any recordkeeping, reporting, or other compliance requirements on small businesses. A small business, as defined in the New Jersey Regulatory Flexibility Act, N.J.S.A. 52:14B-16 et seq., is a business that has fewer than 100 full-time employees. With regard to utilities, this new subchapter requires regulated Electric Distribution Companies (“EDCs”) to jointly procure a TREC Administrator that will have the responsibility to obtain and allocate TRECs to load serving entities with obligations to comply with the Board’s Renewable Portfolio Standard rules. The TREC Administrator will be required to report on program activity. The EDCs will recover program costs from their ratepayers. With regard to businesses that qualify as small businesses under the Act, the Transition Incentive Program is a voluntary program and, as such, will not impose any requirements on any small business that chooses not to participate in the program.

Housing Affordability Impact Analysis

This rule proposal will not impact the affordability of housing in New Jersey, nor is it anticipated that they will have an impact on the average cost of housing. This rule proposal only addresses a solar energy program and will not directly affect housing prices or the housing market.

Smart Growth Development Impact Analysis

This rule proposal will not impact smart growth development in New Jersey. This rule will not evoke a change in housing production in Planning Areas 1 or 2, or within designated centers, under the State Development and Redevelopment Plans in New Jersey. The scope of the

rule is limited to establishing a program that will allow the solar industry in New Jersey to smoothly transition to a new solar incentive program.

Racial and Ethnic Community Criminal Justice and Public Safety Impact

The Board evaluated this rule proposal and determined that it will not have an impact on pretrial, detention, sentencing, probation, or parole policies concerning adults and juveniles in the State. Accordingly, no further analysis is required.

Full text of the proposed rule amendments and proposed new rules follows:

SUBCHAPTER 2. RENEWABLE PORTFOLIO STANDARDS

14:8-2.2 Definitions

The following words and terms, when used in this subchapter, shall have the following meanings, unless the context clearly indicates otherwise:

"Alternative compliance payment" or "ACP" means a payment of a certain dollar amount per megawatt hour, which a supplier/provider may submit to comply with the class I or class II renewable energy requirement in Table A in N.J.A.C. 14:8-2.3.

...(no change)...

“Generation Attribute Tracking System” or “GATS” means the platform providing Renewable Portfolio Standard and Environmental Compliance rule facilitation services to the 13 member states of PJM Interconnection LLC. GATS creates RECs based upon metered electricity supplied by project owners or their representatives and tracks RECs

through the various transactions which ultimately result in retirement for RPS compliance purposes.

...(no change)...

"Solar electric generating facility" or "solar facility" means equipment used to produce solar electric generation, as defined at N.J.A.C. 14:8-1.2.

"Solar renewable energy certificate" or "SREC" means a certificate issued by the Board or its designee, which represents one megawatt-hour (MWh) of solar energy that is generated by a facility connected to the distribution system in New Jersey, and has value based upon, and driven by, the energy market.

“Transition Incentive (“TI”)-Eligible Project” means a solar electric generation facility that registered its intent to participate in the SREC market pursuant to N.J.A.C. 14:8-10.4(a) after October 29, 2018 and has maintained its SREC eligibility but has not commenced commercial operations before the Board determines that the state has attained 5.1% of its retail sales from solar electric generation facilities. Following the closure of the SREC Program, the Board shall allow projects that meet the TI eligibility requirements an opportunity to register to participate in the TI Program until the establishment of a registration program for a solar Successor Incentive Program.

“Transition Renewable Energy Certificate” or “TREC” means a certificate issued by the Board or its designee, representing the environmental attributes of one megawatt-hour of electric generation from a TI-Eligible Project.

“TREC Administrator” means the agent jointly procured and/or assigned by the state’s Electric Distribution Companies to utilize the Generation Attribute Tracking System to procure and allocate TRECs pursuant to this subchapter.

"True-up period" means a period, as determined by the Board, of no less than 120 days following the end of the energy year by which a BGS provider or TPS must demonstrate compliance with the RPS for that energy year.

14:8-2.3 Amount of renewable energy required

(a) Each supplier/provider, as defined at N.J.A.C. 14:8-1.2, that sells electricity to retail customers in New Jersey, shall ensure that the electricity it sells each energy year in New Jersey includes at least the minimum amount of qualified renewable energy [, as defined at N.J.A.C. 14:8-2.2,] required for that energy year, as specified in this section. Requirements for class I, class II, and [solar renewable energy] **SRECs and TRECs** are set forth in Table A below:

Table A
What Percentage of Energy Supplied Must be [Solar] **TRECs, SRECs, Class I**
or Class II Renewable Energy

Energy Year	TRECs	[Solar] SRECs	Class I	Class II	Total
June 1, 2018 - May 31, 2019	0%	4.30%	14.175%	2.50%	20.975%
June 1, 2018 - May 31, 2019	0%	3.29%*	14.175%*	2.50%*	19.965%*
June 1, 2019 - Dec. 31, 2019	0%	4.90%	16.029%	2.50%	18.529%
June 1, 2019 - Dec. 31, 2019	0%	3.38%*	16.029%*	2.50%*	21.909%*
January 1, 2020 - May 31, 2020	0%	4.90%	21.0%	2.50%	23.50%
January 1, 2020 - May 31, 2020	0%	3.38%*	21.0%*	2.50%*	26.88%*
June 1, 2020 - May 31, 2021	based on retail sales	5.10%	21.0%	2.50%	23.50%
June 1, 2020 - May 31, 2021	based on retail sales	3.47%*	21.0%	2.50%	26.97%

June 1, 2021 - May 31, 2022	based on retail sales	5.10%	21.0%	2.50%	23.50%
June 1, 2022 - May 31, 2023	based on retail sales	5.10%	22.0%	2.50%	24.50%
June 1, 2023 - May 31, 2024	based on retail sales	4.90%	27.0%	2.50%	29.50%
June 1, 2024 - May 31, 2025	based on retail sales	4.80%	35.0%	2.50%	37.50%
June 1, 2025 - May 31, 2026	based on retail sales	4.50%	38.0%	2.50%	40.50%
June 1, 2026 - May 31, 2027	based on retail sales	4.35%	41.0%	2.50%	43.50%
June 1, 2027 - May 31, 2028	based on retail sales	3.74%	44.0%	2.50%	46.50%
June 1, 2028 - May 31, 2029	based on retail sales	3.07%	47.0%	2.50%	49.50%
June 1, 2029 - May 31, 2030	based on retail sales	2.21%	50.0%	2.50%	52.50%
June 1, 2030 - May 31, 2031	based on retail sales	1.58%	50.0%	2.50%	52.50%
June 1, 2031 - May 31, 2032	based on retail sales	1.40%	50.0%	2.50%	52.50%
June 1, 2032 - May 31, 2033	based on retail sales ^	1.10%	50.0%	2.50%	52.50%

(*BGS Providers with existing contracts)

^The TREC Obligation expressed as a percentage of retail sales in a given energy year will not be known until each energy year when the volume of retail sales subject to the RPS has been determined. Allocation of the statewide obligation to individual TPS/BGS providers will follow the method set forth at N.J.A.C. 14:8-2.3(r) and N.J.A.C. 14:8-2.3(t).

(b) Each supplier/provider that sells electricity to retail customers in New Jersey shall ensure that the electricity it sells each reporting year in New Jersey includes at least the minimum percentage of [solar energy] **SRECs and TRECs** required for that energy year as set by the Board. The Board, in consultation with the NJDEP, EDCs, Rate Counsel, the solar energy industry, and relevant stakeholders, shall periodically consider increasing the renewable energy portfolio standards beyond the minimum amounts set forth in this chapter, taking into account the cost impacts and public benefits of such increases including, but not limited to:

1. Reductions in air pollution, water pollution, land disturbance and greenhouse gas emissions;
2. Reductions in peak demand for electricity and natural gas and the overall impact on the costs to electricity and natural gas customers;

3. Increases in renewable energy development, manufacturing, investment and job creation opportunities in New Jersey; and

4. Reductions in State and national dependence on fossil fuels.

(c) Each supplier/provider's [solar electric generation] **SREC** obligation shall be calculated in accordance with the requirements of [P.L. 2012, c. 24] **P.L. 2018, c. 17**. A supplier/provider shall meet the requirements for [solar electric generation] **SRECs** through:

1. Retirement of SRECS through a renewable energy trading program approved by the Board in consultation with the NJDEP; or

2. Submittal of one or more SACPs.

(d) Beginning in EY20, SREC obligations **and TREC obligations** are a component of class I renewable energy requirements, and satisfaction of SREC **and TREC** obligations shall be counted toward class I renewable energy requirements.

(e) – (i) no change

(j) The same renewable energy shall not be used for more than one of the following:

1. Creation of an SREC under N.J.A.C. 14:8-2.9;

2. Creation of a REC under N.J.A.C. 14:8-2.8 or 2.9; or

3. Creation of a REC, or of any other type of attribute or credit, under authority other than N.J.A.C. 14:8-2.9 such as another state's renewable energy standards or any voluntary clean electricity market or voluntary clean electricity program.

4. **Creation of a TREC under N.J.A.C. 14:8-10.**

(k) (Reserved)

(l) Each megawatt-hour (MWh) of retail electricity supplied in New Jersey by a TPS/BGS provider subject to this subchapter carries with it an accompanying [solar] **SREC** obligation.

For any electricity supplied by a TPS, such TPS shall calculate its [solar] **SREC** obligation by multiplying its total retail sales by the applicable percentage requirement in Table A. For Energy Year 2019, 2020, or 2021, each BGS provider shall calculate its [solar] **SREC** obligation as set forth in (m) or (n) below. Subsection (m) allocates the [solar] **SREC** obligation of BGS providers with electricity supply contracts that were effective prior to date of enactment of P.L. 2018, c. 17. Subsection (n) below allocates the Table A Statewide [solar] **SREC** obligation among all BGS providers that are subject to this subchapter. All BGS provider[solar] **SREC** obligations, taken together, must equal the Statewide [solar] **SREC** obligation set forth in Table A above for Energy Year 2019, 2020, or 2021.

(m) Notwithstanding any other provision of this section, if a BGS provider has, prior to May 23, 2018, executed a BGS contract to provide retail electricity, the [solar] **SREC** obligation resulting from the electricity supplied under that contract shall be determined using the provisions of this subchapter that were in effect at the time the contract was executed. For the purpose of this section, the electricity supply covered by these contracts shall be called "exempt electricity," and electricity supply not covered by such a contract shall be called "non-exempt electricity."

(n) All contracts subject to exemption under (m) above will expire on or before May 31, 2021. Therefore, for EY 2019, 2020, or 2021, the [solar] **SREC** obligation that attaches to exempt electricity supply must be calculated separately from the [solar] **SREC** obligation for non-exempt electricity supply, in accordance with the applicable provisions of (o) and (p) below. If a BGS provider's energy portfolio includes both exempt and non-exempt electricity supply, the [solar] **SREC** obligation for each shall be calculated separately and summed to determine that BGS provider's total [solar] **SREC** obligation for the energy year.

(o) For any exempt electricity supplied, a provider shall calculate its[solar] **SREC** obligation as follows:

1. Determine the MWhs of exempt electricity the provider supplied during the energy year;
2. Determine the [solar] **SREC** electric generation percentage requirement in effect when the BGS contract subject to (m) above was executed; and
3. Multiply (o)1 by (o)2 above.

(p) For any non-exempt electricity supplied during EY 2020, 2021, 2022, or 2023, a BGS provider shall calculate its [solar] **SREC** obligation as follows:

1. Determine the provider's contemporaneous [solar] **SREC** obligation for non-exempt electricity by multiplying their total non-exempt retail electricity sales in MWh during the energy year by the applicable percentage requirement in Table A above.
2. Determine the provider's share of the banked obligations from the increased [solar] **SREC** requirements avoided by exempt retail electricity in the previous energy year or previous two energy years, as follows:
 - i. Determine the market share of the non-exempt electricity supplied Statewide during the applicable energy year, as follows:
 - (1) Consult the Board's NJCEP website to determine the number of MWhs of non-exempt electricity supplied Statewide during the energy year by all BGS providers subject to this subchapter;
 - (2) Determine the number of MWhs of non-exempt electricity the BGS provider supplied during the energy year; and
 - (3) Divide (p)2i(2) above by (p)2i(1) above to obtain a fraction, representing the provider's non-exempt electricity market share for the applicable energy year.

3. Determine the total deferred [solar] **SREC** obligation incurred from exempt electricity supply during the previous energy year(s) as follows:

i. Consult Table A above to determine the total Statewide [solar] **SREC** obligation for all electricity supplied during the energy year and the percentage requirement for exempt supply.

ii. Consult the Board's NJCEP website to obtain the deferred [solar] **SREC** obligation for the exempt electricity that was supplied during the previous energy year or previous two energy years, as applicable.

iii. The total amount of increased [solar] **SREC** obligation avoided by exempt electricity supply in an energy year shall be allocated to the following two energy years.

4. Multiply the BGS provider's non-exempt market share from (p)2i above by the total deferred [solar] **SREC** obligation from (p)3 above. The result is the provider's [solar] **SREC** obligation for the deferred exempt electricity based on the share of non-exempt electricity that it supplied during the energy year.

5. Add the BGS provider's contemporaneous solar obligations in MWh resulting from (p)1 above to the banked share resulting from calculated (p)4 above in MWh above to arrive at the total RPS [solar] **SREC** obligation.

(q) For electricity supplied during EY 2024 or later, a BGS provider shall calculate its [solar] **SREC** obligation by multiplying its total retail sales by the applicable percentage required in Table A above.

(r) Each megawatt-hour (MWh) of retail electricity supplied in New Jersey by a TPS/BGS provider subject to this subchapter carries with it an accompanying TREC obligation. For any electricity supplied by a TPS/BGS provider, such supplier/provider shall calculate its TREC obligation based upon the total number of TRECs procured by the TREC

Administrator within the applicable Energy Year and the market share of retail electricity sold by the supplier/provider within the Energy Year.

(s) All TRECs shall be created by GATS and procured by a TREC Administrator under contract with the state's Electric Distribution Companies.

(t) During the true-up period following each Energy Year, Board staff shall calculate the market share of total statewide retail electricity sold by each TPS/BGS provider. The TREC Administrator will allocate a proportionate percentage of the total TRECs procured during the Energy Year to each TPS/BGS Provider. Each TPS/BGS provider or an EDC on behalf of the BGS provider within its service territory must retire all the TRECs allocated to it by the TREC Administrator.

14:8-2.4 Energy that qualifies for an SREC; registration requirement; additional approval, designation, and certification processes for grid supply projects; termination of registration program

(a) – (j) (No Change)

(k) When construction of the solar electric generating facility is complete and the facility has commenced commercial operations consistent with the determination made pursuant to N.J.A.C 14:8-2.4(b)7iii, the facility owner shall submit no later than 60 days following the commencement of commercial operations a post construction certification package that meets the requirements of (l) below, and shall request an inspection of the facility by Board staff, or an inspection waiver, through the Board's [NJDEP] New Jersey Clean Energy Program (NJCEP) website.

14:8-2.5 to 14:8-2.7 (no change)

14:8-2.8 Using RECs, SRECs, **TRECs** and ORECs for RPS compliance

(a) An REC, SREC, **TREC**, or OREC shall be used to meet New Jersey RPS requirements for specific energy years, based on the type of renewable energy upon which the REC, SREC, **TREC** or OREC is based, and the energy year during which the renewable energy was generated, as follows:

1. to 3. (no change)

4. A TREC shall be used to comply with RPS requirements for one of two energy year periods:

- i. The energy year in which the underlying energy was generated; or**
- ii. the energy year following the energy year in which the underlying energy was generated.**

(b) Once a REC [or], SREC , **or TREC** has been used for compliance with this subchapter, the REC [or], SREC, **or TREC** shall be permanently retired and shall not be used again.

14:8-2.9 Issuance of RECs [and] , SRECs, **and TRECs**

(a) The Board has designated PJM-EIS GATS as the entity that issues class I RECs, class II RECs , **TRECs** and SRECs for use in complying with this subchapter.

(b) The Board may issue an order discontinuing the designation of PJM-EIS GATS under (a) above, and/or approving use of RECs, **TRECs**, or SRECs issued by another entity for compliance with this subchapter. The Board shall post a notice of its intent to issue such an order at least 30 days prior to issuing the order, and may, in its discretion, choose to accept public comment on the notice.

(c) Beginning December 4, 2012, in measuring generation to determine the number of RECs, **TRECs** or SRECs to issue, the Board or its designee shall accept only readings of a meter that records kilowatt-hour production of electrical energy, and which meets all applicable requirements at (c)1 and 2 below. The readings may be taken or submitted by any person, but shall be verified by the Board or its designee:

1. The American National Standards Institute (ANSI) Standard C12.1-2008, Electric Meters Code for Electricity Metering, incorporated herein by reference, as amended or supplemented; and
2. Any additional requirements in the PJM-EIS Generation Attribute Tracking System Operating Rules, Revision 6, September 2010; and the PJM-EIS Generation Attribute Tracking System Terms of Use, last modified on January 3, 2011; which are incorporated herein by reference, as amended and supplemented, and can be found at www.PJM-EIS.com.

(d) The Board or its designee shall issue RECs, **TRECs** and SRECs in whole units, each representing the environmental attributes of one megawatt-hour of electric generation.

(e) Electric generation qualifies for issuance of RECs, **TRECs** or SRECs only if:

1. It is solar electric generation produced by a generating facility that is interconnected with an electric distribution system, as defined at N.J.A.C. 14:4-1.2, that supplies electricity to one or more end users located in New Jersey; or
2. It is Class I renewable energy, including solar electric generation after the end of the solar electric generation facility's qualification life, and one or more of the following requirements is met:

i. The generating facility reports its generation electronically to PJM-EIS no less frequently than monthly, and complies with any additional requirements established by PJM;

ii. All of the following requirements are met:

(1) The generating facility reports its generation electronically no less frequently than monthly to an electric distribution company, as defined at N.J.A.C. 14:4-1.2, that is a member of PJM;

(2) The electric distribution company then provides the generator's report electronically no less frequently than monthly to PJM-EIS; and

(3) The generating facility complies with any additional requirements established by PJM-EIS;

or

iii. The generating facility has the sale of the class I or class II renewable energy settled in the PJM wholesale market.

(f) If a generator has accumulated a fraction of a megawatt hour by the end of an energy year, the fraction may be carried over and combined with energy generated in a subsequent energy year in order to make a full megawatt hour that is eligible for a REC, **TREC** or SREC. In such a case, the combined energy shall be eligible for issuance of a REC, **TREC** or SREC only during the energy year in which accumulated generation reaches one full megawatt hour. Only a fraction of a megawatt hour shall be carried over.

(g) The Board shall require submittal of information and certifications needed to enable the Board or its designee to verify the generation that forms the basis of the requested RECs. The Board shall require inspections, as appropriate, of generation equipment, monitoring and metering equipment, and other facilities relevant to verifying electric generation. The Board shall

impose application fees, inspection fees and/or other charges for any work required to verify electric generation and issue RECs, **TRECs** or SRECs.

(h) The Board or its designee shall not issue a REC, **TREC** or SREC based on electric generation that has previously been used for compliance with this subchapter, or that has been used to satisfy another state's renewable energy requirements or any voluntary clean electricity market or program.

(i) no change

14:8-2.10 (no change)

14:8-2.11 Demonstrating compliance, reporting and recordkeeping

(a) By [October] **December** 1st of each year, each TPS/BGS provider shall file an annual report with the Board, demonstrating that the TPS/BGS provider has met the requirements of this subchapter for the preceding reporting year (that is, for the reporting year ending May 31st of the same calendar year).

(b) If the annual report required under (a) above does not demonstrate that the TPS/BGS provider has supplied the RECs [or], [solar RECs] **SRECs**, or **TRECs** required under Table A of N.J.A.C. 14:8-2.3 for the previous reporting year, the annual report shall be accompanied by ACPs and/or SACPs in sufficient quantities to make up the shortfall.

(c) The annual report shall contain the following basic information for the preceding reporting year:

1. The total number of megawatt-hours of electricity sold to retail customers in New Jersey;
2. The total number of class I RECs retired Statewide for the purpose of compliance with this chapter;

3. The percentage of the TPS/BGS providers total New Jersey retail sales that the amount set forth under (c)2 above represents;
 4. The total number of class II RECs retired for the purpose of compliance with this chapter;
 5. The percentage of the TPS/BGS providers total New Jersey retail sales that the amount set forth under (c)4 above represents;
 6. The total number of SRECs **and** TRECs retired for the purpose of compliance with this chapter;
 7. The percentage of the TPS/BGS providers total retail sales that the amount in (b)6 above represents;
 8. The total amount of solar electric generation, class I renewable energy, and class II renewable energy represented by RECs, **SRECs, and TRECs** submitted with the annual report;
 9. The total number of ACPs and/or SACPs submitted with the annual report;
 10. A summary demonstrating how compliance with the requirements in Table A has been achieved;
 11. An accounting issued by PJM-EIS that shows the number of RECs purchased and/or held by the TPS/BGS provider; and
 12. The price of each REC [and/or], SREC, **and/or TREC** that was retired during the energy year.
- (d) The documentation required under (c) above shall include the following:
1. Identification of each generating unit, including its location, fuel and technology type, and any unique State and/or Federal facility or plant identification number;
 2. An affidavit from the operator of each generating unit that the specified amount of megawatt-hours from each renewable energy source was generated by and/or sold to the TPS/BGS provider

and that the TPS/BGS provider has sole and exclusive title to the renewable energy and has not been used to meet the RPS energy requirements in any other state or jurisdiction;

3. An affidavit from the TPS/BGS provider that the specified megawatt-hours were delivered into the PJM region and complied with PJM Interconnection energy delivery rules; and

4. For each [solar REC] **SREC and TREC** submitted, certification of compliance with the requirement at N.J.A.C. 14:8-2.4(b) or **N.J.A.C. 14:8-10.6 (b)** that the REC has not been used to satisfy another state's renewable energy requirements. The certification shall be in a form required by the Board, and available on the BPU website at www.njcleanenergy.com.

(e) - (f) no change

SUBCHAPTER 10. SOLAR TRANSITION INCENTIVE

14:8-10.1 Purpose and scope

This subchapter sets forth the rules for the establishment of a solar energy Transition Incentive (“TI”) Program designed to provide a bridge between the SREC Program and a solar Successor Incentive Program under development by the Board. Owners and developers of proposed solar electric generation facilities that received a conditional registration pursuant to N.J.A.C. 14:8-2.4(h)4 that has not expired, been cancelled nor commenced commercial operations prior to the state’s attainment of 5.1% of its retail electricity sales from solar electric generation facilities (“5.1% Milestone”) and submitted a post-construction certification package within 60 days of the 5.1% Milestone, will be instructed by Board staff on how to transfer their project to the Transition Incentive registration pipeline. Following the determination that the 5.1% Milestone has been met, and prior to the Board’s announcement of the opening of a registration process for the solar

Successor Incentive Program, solar electric generating facilities meeting the TI eligibility criteria established herein may register for the Transition Incentive Program.

14:8-10.2 Definitions

For the purposes of this subchapter, the following words and terms shall have the following meanings, unless the context clearly indicates otherwise.

“Net-metered residential” means a solar system that receives a net metering credit on a residential tariff. A net metered residential system must be a “customer-generator” as the term is defined at N.J.A.C. 14:8-4.2.

“Net-metered non-residential” means a solar system that receives a net metering credit on a non-residential tariff. A net metered non-residential system must be a “customer-generator” as the term is defined at N.J.A.C. 14:8-4.2.

“PJM Environmental Information Services” or “PJM-EIS” means the unregulated affiliate of PJM Interconnection LLC, that operates the Generation Attribute Tracking System (“GATS”).

“Subsection r” means the provision of the Solar Act of 2012 which provides the criteria for SREC eligibility for grid supply solar installations not addressed by Subsection q, s or t.

“Subsection t” means the provision of the Solar Act of 2012 which provides the criteria for SREC eligibility for grid supply solar installations located on properly closed sanitary landfills, brownfields or areas of historic fill.

“Transition Incentive Renewable Portfolio Standard” or “TI-RPS” means the total sum of TRECs retired each year which shall be a carve-out of the current standard Class I

RPS requirement with each TREC allocated to and retired on behalf of the TPS/BGS Provider.

“TREC Qualification Life” means, pursuant to N.J.A.C. 14:8-10.6(f), TI-Eligible Projects create TRECs for fifteen years following the date of commencement of commercial operations as evidenced by the authorization to energize provided by a project’s local Electric Distribution Company through a Permission to Operate (“PTO”) letter or email.

14:8-10.3 Transition Incentive Program Structure

(a) The Transition Incentive Program shall be comprised of TRECs which are created by PJM-EIS on the Generation Attribute Tracking System (GATS) for each megawatt-hour generated and metered by eligible solar projects.

(b) TRECs shall be jointly procured by the EDCs to satisfy compliance obligations pursuant to the Transition Incentive Renewable Portfolio Standards (TI-RPS) at N.J.A.C. 14:8-10.3(c). The EDCs shall work with Board Staff to jointly procure a TREC Administrator, who will be responsible for administering the procurement, allocation, and coordinating retirement of TRECs

(c) The TI-RPS is a carve-out of the Class I RPS requirement. Each TREC shall be allocated to and retired on behalf of New Jersey’s TPS/BGS Providers based on their respective market share of retail sales. Each TREC retired shall reduce the Class I requirement by one REC as set forth in N.J.A.C. 14:8-2.3 (d) and (r).

14:8-10.4 Transition Incentive Eligibility

(a) The Transition Incentive shall be available to projects that submitted a complete SREC Registration Program registration or a complete Subsection t application after October 29, 2018 but have not received a Permission to Operate at the time the Board determines that the state has attained 5.1% of its retail sales from solar electric generation facilities and closes the SRP to new registrations. The Transition Incentive shall also be available to the Subsection r applications that received conditional certification from the Board in an Order dated March 29, 2019, if they have not received a Permission to Operate at the time the Board determines that the state has attained 5.1% of its retail sales from solar electric generation facilities.

(b) In the event that the SREC Registration Program is closed to new registrations before the establishment of a registration program for the solar Successor Incentive Program, the Board may allow projects that comport with the SREC eligibility requirements at N.J.A.C. 14:8-2.4, the Board's Implementing Orders, and the definition of "connected to the distribution system" at N.J.A.C. 14:8-1.2, to register for the TI Program. However, no new registrations for subsection r applications shall be accepted.

(c) A proposed project submitted for registration in the TI-RPS following the closure of the SREC registration program must be registered prior to the Board's establishment of a registration program for the Successor Incentive Program. Said projects shall not be subject to the deadline set forth at N.J.A.C. 14:8-2.4(c)1, which requires projects to register within fourteen days of the execution of a contract. Projects will therefore also not be subject to the penalty for non-compliance with this fourteen day deadline set forth at N.J.A.C. 14:8-2.4(e). In lieu of an executed contract, a TI registration package must contain a consumer disclosure form executed by the solar developer and customer-

generator on a standard form made available on the website of the New Jersey Clean Energy Program.

(d) Solar electric generation facilities that have received: (i) a conditional registration for SRECs pursuant to N.J.A.C. 14:8-2.4(h)4 that has not expired, been cancelled nor commenced commercial operations prior to the 5.1% Milestone and (ii) submitted a post-construction certification package within 60 days of the 5.1% Milestone that have been transferred to the Transition Incentive registration program will receive a new conditional registration. The new registration will incorporate a requirement to commence commercial operations and submit a post-construction certification package within one year of the date that the Board determines that the 5.1% Milestone has been attained.

1. Such facilities must utilize the NJCEP website to confirm registration transfer from the SREC registration program to the Transition Incentive registration program and identify the defined market segment described in N.J.A.C. 14:8-10.5(b)1.

2. Facilities registered for TREC eligibility that commence commercial operations and submit a post-construction certification package prior to the one-year anniversary of the date that the Board determined the 5.1% Milestone was attained will be assigned a New Jersey State Certification Number for use in obtaining TRECs from PJM-EIS GATs.

3. Facilities registered for TREC eligibility that do not commence commercial operations and submit a post-construction certification package prior to the one-year anniversary of the date that the Board determined the 5.1% Milestone was attained will not be eligible for TRECs.

(e) Solar electric generation facilities seeking Transition Incentive program eligibility following the determination that the 5.1% Milestone has been met and prior to the Board's

announcement of the opening of a registration process for the Successor Incentive Program must complete the following process in order to be issued a notice of conditional registration:

- 1. The registrant shall submit a complete registration package to the Board prior to the Board's announcement of the opening of a Successor Incentive program. Each initial registration package shall be completed in accordance with the instructions found on the Board's New Jersey Clean Energy Program website at www.njcleanenergy.com. The registration instructions shall require the following basic types of information:**
 - i. Information identifying and describing the owner, host location, builder/installer and operator of the solar electric generating facility;**
 - ii. Basic information describing the solar facility, including its capacity, manufacturer and expected output;**
 - iii. A technical worksheet, in a form provided on the Board's NJCEP website, detailing the technical specifications of the solar facility;**
 - iv. A construction schedule for completing the solar facility, including significant Milestones;**
 - v. For net metered projects, a consumer disclosure agreement executed between the owner and installer of the solar facility;**
 - vi. For grid supply projects applying under subsection t, a binding legal document that provides reasonable assurance that the solar facility will be constructed;**
 - vii. Basic information regarding the cost of equipment and installation, presented as a simple budget;**

viii. A site map of the land upon which the generating facility will be located, including all features that may affect the construction and/or performance of the solar facility; and

ix. Any other data or information necessary for Board staff to determine whether the solar electric generation from the facility will meet the requirements for TRECs under this chapter.

2. Upon receipt of an initial registration package, Board staff shall review the package for completeness. If the initial registration package is incomplete or deficient, Board staff shall notify the registrant in writing of the deficiencies. The registrant shall revise the package and resubmit it within seven business days of this notice. Failure to resubmit within this time will result in cancellation of the registration process, in which case a complete new registration process shall be required for the solar facility to obtain a New Jersey State Certification Number;

3. Once the registration package is complete, Board staff shall review the package to determine whether the solar facility meets the TREC eligibility requirements of this subchapter. If the facility does not meet these requirements, Board staff shall notify the registrant;

4. If the solar facility as described in the initial registration package meets TREC eligibility requirements, Board staff shall issue notice to the registrant of a conditional registration for the facility. The notice of the conditional registration shall:

i. State that, if the solar facility is constructed as described in the initial registration package, Board staff will issue a New Jersey State Certification Number for the solar facility upon construction completion and inspection subject to conditions referenced above; and

ii. Include an expiration date occurring on the one-year anniversary of the Board's determination of the state's attainment of the 5.1% Milestone for facilities that are net metered, provide on-site generation, or provide power for a qualified customer engaged in aggregated net metering; and

iii. Include notice that construction of the facility must be completed prior to the expiration of the conditional registration.

(f) When construction of the solar electric generating facility is complete, the facility owner shall submit a post-construction certification package that meets the requirements of (g) below, and shall request an inspection of the facility by Board staff, or an inspection waiver, through the Board's NJDEP website at www.njcleanenergy.com.

(g) A post-construction certification package shall include all of the following:

- 1. A copy of the conditional registration notice issued by the Board under this section;**
- 2. A final "as built" technical worksheet, detailing the technical specifications of the completed solar electric generating facility, including any changes from the technical worksheet submitted as part of the initial registration package;**
- 3. Digital photographs of the site and the completed solar facility;**
- 4. A shading analysis, detailing any shade that will affect the facility;**
- 5. An estimate of the electricity production of the solar facility;**
- 6. Where applicable, documentation of compliance with all applicable Federal, State and local law, including eligibility for any tax incentives or other government benefits;**
- 7. A copy of the initial application, executed by the relevant EDC, to interconnect the facility to the corresponding EDC's distribution system, as well as the EDC or PJM approval to interconnect and energize the facility; and**

8. A statement that an inspection of the solar facility, or an inspection waiver, has been requested through the Board's NJCEP website, and the date of the request.

(e) Additional requirements to establish TI eligibility for Subsection t projects are enumerated in N.J.S.A. 48:3-87(t), the Solar Act of 2012 and the Board's Implementing Orders, and are incorporated herein by reference. Developers must apply to the Board for conditional certification of projects seeking eligibility for TRECs using the same process developed for SREC eligibility pursuant to P.L. 2012, c. 24 (C.48:3-87(t)).

(f) Except as modified in this subchapter all TI Program projects must comply with all rules and regulations of the SRP at N.J.A.C. 14:8-2.4.

14:8-10.5 TREC Value

(a) The base compensation value of a TREC shall be \$152/MWh for eligible electricity generated during each year of a project's 15 year TREC Qualification Life.

(b) Each project registered in the SREC or TREC registration program shall be assigned a TREC factor by staff based on the following defined market segments.

1. The factors for the defined market segments are as follows:

Defined Market Segments	Factor
Subsection (t) landfill, brownfield, areas of historic fill.	1.0
Subsection (r) rooftop	1.0
Net-metered non-residential rooftop and canopy	1.0
Community solar	0.85
Subsection (r) ground mount	0.6
Net-metered residential ground mount	0.6
Net-metered residential rooftop and canopy	0.6

Net-metered non-residential ground mount	0.6
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2. A TI-Eligible Project that in its entirety is eligible for multiple factors shall be assigned the lower project classification factor.

3. A TI-Eligible Project with multiple segments eligible for multiple factors must separately meter each segment as separate projects to enable application of the appropriate factor to the electricity generated by each segment.

(c) The actual value of a TREC will be calculated based upon the factor assigned to each TI-Eligible Project, by multiplying the base compensation value by the appropriate project factor.

14:8-10.6 Mechanism for Creation of TRECs

(a) TRECs shall be created in the same manner in which SRECs are created pursuant to N.J.A.C 14:8-2.4 and 2.9, which is based upon metered generation supplied to GATS by the owners of eligible facilities or their agents.

(b) One TREC shall be created for each MWh of eligible electricity produced from a TI-Eligible Project. A TREC created for eligible electricity shall not be used for a purpose other than satisfying the TI-RPS and upon retirement the reduction in the Class I obligation of a TPS/BGS Provider.

(c) All solar electricity must be metered using an ANSI c-12 certified meter consistent with the provisions governing SREC creation at N.J.A.C. 14:8-2.9 (c) 1 and 2.

(d) A TREC may be redeemed in GATS in the energy year in which the electricity was produced or in the following energy year.

(e) Electricity generated by an eligible facility more than two years before it is entered into the GATS system, shall not be eligible for a TREC, but is eligible to create a NJ Class I REC.

(f) A TI-Eligible Project shall be eligible to generate TRECs for 15 years following the date of commencement of commercial operation (the TREC Qualification Life).

(g) Qualified Projects may be eligible for a New Jersey Class I REC at the conclusion of the 15-year TREC Qualification Life.

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