

RENEWABLE ENERGY RESOURCES ELIGIBILITY GDS TEAM RECOMMENDATION For Consideration By The

STATE OF RHODE ISLAND PUBLIC UTILITIES COMMISSION

(Version 6 – August 20th, 2013)

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Date: June 22, 2015	Docket #: 4558
(917) 206-0001 Email: w.shortiii@v Backup: Lori Barg, President Steels Pond Hydro, Inc., 581 Quake Phone: (802) 454-8458 Email: lori@ Authorized Representative Name, I Consultant	riject f Steels Pond Hydro, Inc ocation (city, state): Antrim, NH 5/2015 ess: William P. Short, Consultant 023-7173 Phone: (203917) 206-0001 Fax: erizon.net er Hill Rd, Henniker, NH 03242 0 communityhydro.biz Numbers and Address: William P. Short, 023-7173 Phone: (203917) 206-0001 Fax:
Sections 3.29 (i), (ii), and (iii) definit - Additional Information regarding S	sections 3.29 (ii) and (iii) requested 6/17/2015, sufficient to prove Steels Pond Hydro meets
Type of Certification Requested: ⊠ Standard Certification □ Pros	pective Certification (Declaratory Judgment)
☐ Repowered Project☐ Customer-Sited or Off-Grid Syst☐ Generation Unit Located in Cont	hermal _ 🗍 Geothermal 🔀 Small Hydro

☐ Fuel Cell (using an eligible renewable resource)
Recommendation: ☐ Approve (GIS Certification #: MSS #909) ☐ Reject ☐ Public Hearing Needed
 ☐ Existing Renewable Energy Resource ☐ Capable of Producing as Both Existing & New Renewable Energy Resource
Comments: 300KW of total 900 KW repower project installed and operating to date

RENEWABLE ENERGY RESOURCES ELIGIBILITY DETAILED GDS TEAM APPLICATION REVIEW RESULTS

(Template V5 – 11/15/11)

Date of Final Review: 6/22/2015

Note: Depending on the type of application (project vintage, type, location, fuel source, etc.) not all of these data items will be applicable.

A.	Renewable Energy Resource – Vintage (see appropriate Sections of RES Regulations, Application Sections 3.1-3.9 and Appendix C): A.1 Generation Unit meets the definition of an Existing Renewable Energy Resource noted in RES Regulations Section 3.10 (first enterior commercial operation before 12/31/1997). Comments: Original powerhouse was installed in 1983	e ng
	A.2 Generation from the Unit meets one of the definitions of New Renewable Energy Resource in RES Regulations Section 3.23.	[¬] N/A
existi - Suff existi - Suff after	Comments: Repowered Generation Unit: Section 3.23(iii) ent documentation provided to verify that the Prime Mover of the factor o	cility's ade eded
	A.2.1 If Generation Unit is at a new site, adequate documents is provided to ensure that it first entered commercial operation December 31, 1997. The second results of the comments of the	after
opera	A.2.2 If Generation Unit is at the site of an Existing Renewab Energy Resource, adequate documentation is provided to ensithat it first entered commercial operation after December 31, and that the Existing Renewable Energy Resource has been and replaced with such new Generation Unit. Yes No Comments: 1st 300 kW of new equipment achieved commercian in January 2015 - see repowering details A.2.3 below.	sure 1997 etired N/A
	A.2.3 If a Repowered Generation Unit (as defined in Section of the RES Regulations – complete replacement of Prime Movematerial increase in efficiency or material decrease in air emis and demonstration that at least 80% of resulting tax basis of the entire Generation Unit's plant and equipment is derived from expenditures made after December 31, 1997), adequate documentation is provided to ensure that the entire output of sections of the resulting tax basis of the expenditures made after December 31, 1997).	ver, sions, ne capital

		unit first entered commercial operation after December 31, 1997 at the site of existing Generation Unit.
		Comments:
applic upgrad - Supp expen Gener Unit's - Stream	ation, r des to blemen ditures ation l plant a am Flo	ATIAL Attachment "Steels Pond Hydro Project Progress Report" in received by request 6/3/2015 - Provides photo documentation of all the site, showing complete replacement of the prime mover. Ital information received 6/17/2015 verifies that the capital is made after December 31, 1997 to complete the repowered Unit exceeded 80% of its resulting tax basis of the entire Generation and equipment wand generation data received 6/21/2015 shows sufficient crease in the existing Generation Unit's efficiency was achieved
		A.2.4 If a multi-fuel facility, adequate documentation is provided to ensure that the renewable energy fraction of output from a Generation Unit in which an Eligible Biomass Fuel is first co-fired with fossil fuels after December 31, 1997. Yes No N/A Comments:
		A.2.5 If Incremental Output from a non-Intermittent Existing Renewable Energy Resource, adequate documentation is provided to ensure that such output is attributable to capital investments for efficiency improvements or additions of capacity that were demonstrably completed after December 31, 1997 and that are sufficient to, were intended to, and can be demonstrated to increase annual electricity output in excess of ten percent (10%) over a Historical Generation Baseline as determined per Section 3.23.v of the RES Regulations.
		A.2.6 If Incremental Output from an Intermittent Existing Renewable Energy Resource, adequate documentation is provided to ensure that such output is attributable to capital investments for efficiency improvements or additions of capacity that were demonstrably completed after December 31, 1997 and that are sufficient to, were intended to, and can be demonstrated to increase annual electricity output in excess of ten percent (10%) over a Historical Generation Baseline as determined per Section 3.23.vi of the RES Regulations. Yes N/A Comments:
B.		le Customer-Sited/Off-Grid Generation Facility: Yes No opropriate Sections of RES Regulations, Application Section 5 and Appendix D)
	B.1 Certifi	Adequate documentation provided to ensure that NEPOOL GIS cates are created by way of an aggregation of Generation Units,

physically located in the State of Rhode Island, using the same generation technology (see RES Regulations Section 6.8.i). Yes Yes Comments: N/A
B.2 Proposed Aggregation Agreement (as specified in Section 6.8.iii of the RES Regulations) is reasonable and complete.
B.2.1 Aggregation Agreement includes name and contact information of the aggregator owner. Yes Note The Comments: N/A
B.2.2 Aggregation Agreement includes name and contact information and adequate evidence of qualifications of the Verifier to ensure that the Verifier will accurately and efficiently carry out its duties. \[\sum \text{Yes} \sum \text{N}\end{arrange} \]
B.2.2.1 Additional evidence of Verifier qualifications requested and provided.
B.2.3 Aggregation Agreement includes a declaration of any and all business or financial relations between aggregator and Verifier sufficient to ensure the independence of the Verifier in accordance with Section 6.8.iii.c of the RES Regulations (10% or more ownership in voting stock, or family officer/etc).
B.2.3.1 Aggregation Agreement includes statement indicating under what circumstances the Verifier would not be considered sufficiently independent of the individual Generation Unit, and that Generation Units not meeting this independence test would not be allowed to participate in the aggregation. Yes Note that Note that Yes Note that Yes Note that Yes Note that Yes Yes
B.2.4 Aggregation Agreement identifies the type of technology that will be included in the aggregation and provides a statement that the aggregation will include only individual Generation Units that meet all the requirements of the RES Regulations (physical location, vintage, etc.).
B.2.5 Aggregation Agreement provides an adequate description or proposed operating procedures for the aggregation, by which the

	aggregation comply with all eligibility requirements and that the NEPOOL GIS Certificates created accurately represent generation (see Section 6.8.iii.e of the RES Regulations). Yes No Comments: N/A
	 B.2.5.1 At a minimum the proposed operating procedures include reasonable and sufficient details for: Determining that the Generation Unit exists and is in compliance with RES Regulations and Commission-approved Aggregation Agreement.
	B.2.6 Aggregation Agreement provides an adequate description of how the Verifier will be compensated for its services by the aggregator (in no instance is the Verifier is compensated in a manner linked to the number of NEPOOL GIS Certificates created by the aggregation).
	neration Unit Location (see appropriate Sections of RES Regulations, Application tion 5 and Appendix E):
C.1 Coi	Generation Unit is located in NEPOOL Control Area. \boxtimes Yes $\ \square$ Nomments:
04.08"W /	C.1.1 Generation Unit is located in Rhode Island. ☐ Yes ☒ No Comments: Unit located at 367 Elm Ave, Antrim, NH : 71 58' 43 04' 49.97"N
	Generation Unit is located in a control area adjacent to NEPOOL d, in accordance with Section 5.1.ii of the RES Regulations, will apply associated Generation Attributes to the RES only to the extent that the

Verifier shall ensure that individual Generation Units in the

	NEPOOL for consumption by New England customers.
	C.2.1 Applicant acknowledges that satisfactory documentation (i.e., a report from neighboring Generation Attribute accounting system or an affidavit) must be provided to verify that Generation Attributes from a Generation Unit located in a control area adjacent to NEPOOL have not otherwise been, nor will be, sold, retired, claimed or represented as part of electrical energy output or sales, or used to satisfy obligations in jurisdictions other than Rhode Island (such assurances may consist of a report from a neighboring Generation Attribute accounting system or an affidavit from the Generation Unit) \[\sum \text{Yes} \sum \text{No} \] Comments: N/A
	 C.2.2 Applicant acknowledges that energy delivered from such Generation Unit into NEPOOL will be verified by the following: A unit-specific bilateral contract for the sale and delivery of such energy into NEPOOL Confirmation from ISO that the energy was actually settled in the ISO Market Settlement System, and Confirmation through the North American Reliability Council tagging system that the import of the energy into NEPOOL actually occurred, or such other requirements as the Commission deems appropriate
	☐ Yes ☐ No Comments: N/A
D.	Eligible Fuel Source – Solar, Wind, Ocean Thermal, Geothermal, or Fuel Cell (using an eligible renewable resource) (see appropriate Sections of RES Regulations and Application Section 2.4):
E.	Eligible Fuel Source – Small Hydro Facilities (see appropriate Sections of RES Regulations and Application Sections 2.5-2.6):
	E.1 Aggregate capacity does not exceed 30 MW. Yes No Comments: The unit nameplate capacity is currently 0.300 MW, and maximum demonstrated capacity is 0.260 MW. By the end of 2015 they plan for both the nameplate and demonstrated capacities to be 0.900 MW.
	E.2 If "New Renewable Energy Resource", applicant acknowledges that facility does not involve any new impoundment or diversion of water with an average salinity of 20 parts per thousand or less.

energy produced by the Generation Unit is actually delivered into

resource - no new empoundment or diversion of water required. F. Eligible Fuel Source – Biomass Facilities (see appropriate Sections of RES ☐ Yes ☐ No ☒ N/A Regulations, Application Sections 2.7 and Appendix F): Generation Unit uses a biomass fuel source listed in RES Regulations Section 3.7. ☐ Yes ☐ No Comments: N/A F.2 If source is other than RES Regulations Section 3.7-listed, said source has been designated as "clean wood". ☐ Yes ☐ No Comments: N/A Fuel Source Plan can reasonably be expected to ensure that only Eligible Biomass Fuels will be used, and in the case of co-firing ensure that only that proportion of generation attributable to an Eligible Biomass Fuel be eligible. ☐ Yes ☐ No Comments: N/A F.3.1 Fuel Source Plan specifies the type of Eligible Biomass Fuel to be used. ☐ Yes ☐ No Comments: N/A F.3.2 If proposed fuel is "clean wood", Fuel Source Plan provides adequate substantiation as to why the fuel source should be considered a clean wood. ☐ Yes ☐ No ☒ N/A Comments: N/A F.3.3 In the case of co-firing with a fossil fuel, Fuel Source Plan includes an adequate description of how such co-firing will occur and how the relative amounts of Eligible Biomass Fuel and fossil fuel will be measured, and how the eligible portion of generation output will be calculated (with such calculations based on the energy content of the proposed fuels used).

Yes No N/A Comments: N/A F.3.4 Fuel Source Plan includes an adequate description of what measures will be taken to ensure that only the Eligible Biomass Fuel is used (e.g., standard operating protocols or procedures that will be implemented at the Generating Unit, contracts with fuel suppliers, testing or sampling regimes). ☐ Yes ☐ No Comments: N/A

Comments: N/A - repowering at the site of an existing renewable energy

	stored at or brought to the Generation Unit will only be Eligible Biomass Fuels or fossil fuels used for co-firing. Comments: N/A	_
	F.3.6 If proposed fuel includes recycled wood waste, Fuel Sou Plan provides adequate documentation to ensure that such fue meets the definition of Eligible Biomass Fuel and also meets material separation, storage, or handling standards acceptable the Commission and furthermore consistent with the RES Regulations.	el to
	F.3.7 Applicant certifies that it will file all reports and information necessary to enable the Commission to verify the going eligibility of the renewable energy generators pursua Section 6.3 of the RES Regulations.	e on- int to
	Comments: N/A	
	F.3.8 A copy of the Generation Unit's Valid Air Perm equivalent authorization has been attached and the effective and issuing state or jurisdiction has been identified. ☐ Yes ☐ No ☐ Comments: N/A	
G.	Other Comments/Observations:	