

**TWIN
STATE
ENGINEERING**



P.O. Box 1260

Charlestown, NH 03603
NH PUC 8DEC14PM12:28

December 5, 2014

Ms. Debra Howland
Executive Director
New Hampshire Public Utilities Commission
21 S. Fruit St, Suite 10
Concord, NH 03301-2429

Re: Application to qualify as an Independent Monitor

Dear Ms. Howland:

I would like to be considered as an Independent Monitor, under PUC 2500 Renewable Portfolio Standards, section 2505.09. I am familiar with the rules and regulations of PUC 2500 and I am also a licensed professional engineer in the State of New Hampshire.

Please see the enclosed application and required attachments. Do not hesitate to call with questions.

Thank you for this opportunity to provide services to the Renewable Energy Credit program.

Sincerely,

TWIN STATE ENGINEERING

Roger M. Thibodeau, PE SECB



State of New Hampshire Public Utilities Commission

21 S. Fruit Street, Suite 10, Concord, NH 03301-2429



APPLICATION TO QUALIFY AS AN INDEPENDENT MONITOR

TO VERIFY ELECTRICITY OR USEFUL THERMAL ENERGY PRODUCTION FROM ELIGIBLE CUSTOMER-SITED SOURCES*

This independent monitor application must be filed with the Executive Director of the New Hampshire Public Utilities Commission (Commission). ** *The completed original application, as well as two copies and a cover letter requesting certification should be sent to:*

Debra Howland
Executive Director
State of New Hampshire
Public Utilities Commission
21 S. Fruit St, Suite 10
Concord, NH 03301-2429

An electronic version of the docket filing should be submitted to executive.director@puc.nh.gov and barbara.bernstein@puc.nh.gov. Contact Barbara Bernstein by email or phone 603-271-6011 with questions.

Any omissions and/or deficiencies which need to be corrected must be completed in a timely manner or the Commission may close the application process without prejudice.

* Pursuant to New Hampshire Administrative Code [Puc 2505.09](#)

** Pursuant to [Puc 202](#)

Please complete the following:

Applicant Name:	Roger Thibodeau					
Business Name:	Twin State Engineering					
Mailing Address 1:	PO Box 1260					
Mailing Address 2:	49 Elm Street					
Town/ City:	Charlestown	State:	NH	Zip Code:	03603	
Telephone:	603 826 5115	Cell:	603 398 4733			
email	twinsteng@aol.com					

2505.09	Independent Monitors
2505.09(a)	<i>An independent monitor shall verify the <u>electricity</u> production of a customer-sited source or the production of <u>useful thermal energy</u> from an eligible source and report such production and REC calculation to the GIS.</i>
2505.09(b)	<i>A distribution utility shall be eligible to serve as an independent monitor for customer-sited sources and sources producing useful thermal energy within its service territory, provided that the distribution utility employs one or more persons to perform monitoring tasks who meet the qualifications specified in paragraph (c) or (d). (See below).</i>

As **ATTACHMENT A**, please provide a copy of the license issued by the state of New Hampshire or such other qualifying certification as may be applicable.

	Electrical Production Independent Monitors	
2505.09(c)	<i>To qualify as an independent monitor who verifies electrical production please indicate which of the following apply to the applicant:</i>	
2505.09(c)(1)	An electrician licensed by the state of New Hampshire and in good standing.	☐
2505.09(c)(2)	A professional engineer licensed by the state of New Hampshire and in good standing.	☒
2505.09(c)(3)	A certified building analyst professional or a certified mechanical professional as certified by the Building Performance Institute, Inc. of Malta, New York.	☐
2505.09(c)(4)	A certified energy manager as certified by the Association of Energy Engineers.	☐
2505.09(c)(5)	A home energy rater as certified by Residential Energy Services Network (RESNET)	☐
2505.09(c)(6)	Certified as an independent monitor under a renewable portfolio standard program in another state.	☐

	Useful Thermal Energy Independent Monitors	
2505.09(d)	<i>To qualify as an independent monitor who verifies useful thermal energy production please indicate which of the following apply to the applicant:</i>	
2505.09(d)(1)	A professional engineer licensed by the State of NH and in good standing.	☒
2505.09(d)(2)	For verification of useful thermal energy from solar thermal sources , a North American Board of Certified Energy Practitioners (NABCEP) Certified Solar Heating Installer	☐
2505.09(d)(3)	For verification of useful thermal energy from geothermal sources an International Ground Source Heat Pump Association (IGSHPA) Accredited Geothermal Installer	☐

<i>Provide your initials as an indication that you have read the following as it pertains to Independent Monitors and agree to uphold the rule.</i>		Initials
2505.09(a)	An independent monitor shall verify the production of a customer-sited source or the production of useful thermal energy from an eligible source and report such production and REC calculations to the GIS. Such a customer-sited source or a source producing useful thermal energy shall either retain the services of an independent monitor directly or, if participating in aggregation pursuant to Puc 2506, through an aggregator.	ES
2505.09(b)	A distribution utility that is a distribution company shall be eligible to serve as an independent monitor for customer-sited sources and sources producing useful thermal energy within its service territory, provided that the distribution utility employs one or more persons to perform monitoring tasks who meet the qualifications specified in paragraph (c) or (d).	ES
2505.09(g)	No customer-sited source or source producing useful thermal energy shall use an independent monitor: • who is a member of the immediate family of the owner of the source, or, • who holds a direct or indirect ownership interest in the source, or, • who sold or installed the equipment used by the source.	ES
2505.09(h)	The fact that a provider of electricity installed the customer-sited source or source producing useful thermal energy shall not be a disqualifying relationship.	ES
2505.09(i)	<i>The duties of the independent monitor shall be:</i>	Initials
2505.09(i)(1)	To perform an initial inspection of source's meter for accuracy and capability to measure the electricity or useful thermal energy produced, unless the meter is owned by a distribution utility that has already inspected it pursuant to <u>Puc 305</u> .	ES
2505.09(i)(2)	To measure quarterly the source's electricity or useful thermal energy production or displacement used to qualify for certificates pursuant to the GIS operating rules.	ES
2505.09(i)(3)	To report the production of electricity or useful thermal energy from the source and the REC calculation to the customer and the GIS quarterly in accordance with the GIS operating rules.	ES
2505.09(j)	An independent monitor shall not receive compensation for monitoring services that is a function of the number of certificates issued to any source using the independent monitor.	ES
2505.09(k)	An independent monitor shall provide the commission with the notice prior to discontinuing services as a monitor.	ES

Describe your rates for Renewable Energy Source Eligibility for Independent Monitoring (add lines as needed).

Description:	Unit	Rate
Engineering, reports, design, certifications, on-site inspections, quarterly and annual reporting. Customer service requirements may vary.	Per hour	\$125
Direct expenses incurred.	Actual cost	\$
Travel	Per mile	\$.66
		\$

AFFIDAVIT

The undersigned applicant declares under penalty of perjury that contents of this application are accurate.

Applicant's Signature

Roger Thibodeau

Date

12/5/14

Applicant's Typed Name

Roger Thibodeau

Subscribed and sworn before me this

5

Day of

12

(month) in the year

2014

County of

Sullivan

State of

New Hampshire



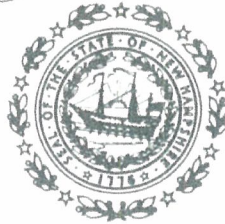
Tracey Rouillard

Notary Public/Justice of the Peace

My Commission Expires

10/20/15

The State of New Hampshire



Be it known that

Roger M. Thibodeau

is qualified as prescribed by law and is officially licensed

and authorized to practice

PROFESSIONAL ENGINEERING

in the State of New Hampshire

In Witness Whereof, we have hereunto set our hands and
affixed the seal of the Board this 26 day of August 19 87

Board of Professional Engineers



Malcolm Chapin
Member

John R. Jacobson
Member

Serial No. 6873

William E. McFarland
Member

John E. Lyons
Chairman

Secretary

THIS IS TO

CERTIFY



ROGER M THIBODEAU

IS A

LICENSED PROFESSIONAL ENGINEER
IN THE STATE OF NEW HAMPSHIRE
LICENSE NO.

EXPIRES

06873

3/31/16