



**Date:** November 14, 2014

**To:** Debra A. Howland  
Executive Director and Secretary  
New Hampshire Public Utilities Commission  
21 S. Fruit Street, Suite 10  
Concord, NH 03301-2429

**Re:** **Application to Qualify as an Independent Monitor**

Dear Ms. Howland,

I am pleased to submit this application to qualify as an independent monitor for useful thermal energy systems. I practice mechanical engineering for Kohler & Lewis Engineering in Keene, NH where my duties include designing biomass boiler heating systems. I am a licensed professional mechanical engineer in the State of New Hampshire.

Based on my experience designing biomass heating systems and my status as a professional engineer licensed by the State of New Hampshire in good standing, I believe that I am well qualified to become an independent monitor for useful thermal energy systems.

I have enclosed the application along with two copies and a copy of my mechanical engineering license. Please feel free to contact me with any questions regarding my application.

Sincerely,

A handwritten signature in black ink that reads "Adam Kohler".

Adam S. Kohler, P.E.  
Mechanical Engineer



# 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](mailto:executive.director@puc.nh.gov) and [barbara.bernstein@puc.nh.gov](mailto: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](#)

<b><i>Please complete the following:</i></b>					
Applicant Name:	Adam S. Kohler				
Business Name:	Kohler & Lewis Engineering				
Mailing Address 1:	27 Mechanic Street				
Mailing Address 2:					
Town/ City:	Keene	State:	NH	Zip Code:	03431
Telephone:	603-352-4841 / 603-686-5346	Cell:	603-969-6459		
email	adam@kohlerandlewis.com				

<b>2505.09</b>	<b>Independent Monitors</b>
2505.09(a)	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.
2505.09(b)	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).

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.

<b>Electrical Production Independent Monitors</b>		
2505.09(c)	To qualify as an independent monitor who verifies <b>electrical production</b> please indicate which of the following apply to the applicant:	
2505.09(c)(1)	An electrician licensed by the state of New Hampshire and in good standing.	<input type="checkbox"/>
2505.09(c)(2)	A professional engineer licensed by the state of New Hampshire and in good standing.	<input type="checkbox"/>
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.	<input type="checkbox"/>
2505.09(c)(4)	A certified energy manager as certified by the Association of Energy Engineers.	<input type="checkbox"/>
2505.09(c)(5)	A home energy rater as certified by Residential Energy Services Network (RESNET)	<input type="checkbox"/>
2505.09(c)(6)	Certified as an independent monitor under a renewable portfolio standard program in another state.	<input type="checkbox"/>

<b>Useful Thermal Energy Independent Monitors</b>	
2505.09(d)	To qualify as an independent monitor who verifies <b>useful thermal energy production</b> please indicate which of the following apply to the applicant:

2505.09(d)(1)	A professional engineer licensed by the State of NH and in good standing.	<input checked="" type="checkbox"/>
2505.09(d)(2)	<b>For verification of useful thermal energy from solar thermal sources</b> , a North American Board of Certified Energy Practitioners (NABCEP) Certified Solar Heating Installer	<input type="checkbox"/>
2505.09(d)(3)	<b>For verification of useful thermal energy from geothermal sources</b> an International Ground Source Heat Pump Association (IGSHPA) Accredited Geothermal Installer	<input type="checkbox"/>

<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>		<b>Initials</b>
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.	<b>AK</b>
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).	<b>AK</b>
2505.09(g)	No customer-sited source or source producing useful thermal energy shall use an independent monitor: <ul style="list-style-type: none"> <li>• who is a member of the immediate family of the owner of the source, or,</li> <li>• who holds a direct or indirect ownership interest in the source, or,</li> <li>• who sold or installed the equipment used by the source.</li> </ul>	<b>AK</b>
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.	<b>AK</b>
2505.09(i)	<i>The duties of the independent monitor shall be:</i>	<b>Initials</b>
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> .	<b>AK</b>
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.	<b>AK</b>
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	<b>AK</b>

	accordance with the GIS operating rules.	
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.	<b>AK</b>
2505.09(k)	An independent monitor shall provide the commission with the notice prior to discontinuing services as a monitor.	<b>AK</b>

Describe your rates for Renewable Energy Source Eligibility for Independent Monitoring (add lines as needed).		
Description:	Unit	Rate
Hourly rate.	Per hour	\$150
	Flat fee	\$
	Annual	\$

**AFFIDAVIT**

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

Applicant's Signature Adam Kohler Date 11/14/14

Applicant's Typed Name Adam S. Kohler

Subscribed and sworn before me this 14 Day of Nov (month) in the year 2014

County of CHESHIRE State of NEW HAMPSHIRE

[Signature]  
Notary Public/Justice of the Peace

My Commission Expires SEPT. 22, 2015

# The State of New Hampshire



Be it known that

Adam S. Kohler

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 18th day of December, 2008

Board of Professional Engineers

Carmela Amato-Wierda  
Member

Serial No. 12681

[Signature]  
Chairman

William H. [Signature]  
Member

[Signature]  
Member

[Signature]  
Secretary

THIS IS TO



CERTIFY

**ADAM S KOHLER**

IS A

**LICENSED PROFESSIONAL ENGINEER**

IN THE STATE OF NEW HAMPSHIRE

LICENSE NO.

**12681**

EXPIRES

**9/30/16**