Attachment C

CLAOR-25.1-5.317



10 Krey Boulevard + Rensselaer, NY 12144

December 10, 2007

Mr. Peter Kruliczek WM Renewable Energy, LLC 1001 Fannin, Suite 4000 Houston, TX 77002

Subject: Interconnection Request for the Madison County Landfill Project

Dear Mr. Kruliczek:

In accordance with the NYISO's Small Generator Interconnection Procedure (SGIP), this is to acknowledge that I received the subject Interconnection Request (copy attached) on December 10, 2007. Also in accordance with the SGIP, I am sending a copy of the Interconnection Request and this acknowledgement to Ms. Susan Hodgson of Niagara Mohawk Power Corporation ("National Grid"), the Transmission Owner with whom WM Renewable Energy, LLC ("WM Renewable") is proposing to connect.

The NYISO will review the Interconnection Request and determine whether the request is valid, or deficient in some manner. The NYISO will notify WM Renewable and National Grid of its determination by December 17, 2007.

Regards,

Jesico Lanada

Jessica Gamache Interconnection Process Coordinator

cc: Susan Hodgson – National Grid Enclosure New York Independent System Operator, Inc. Attachment Z - Appendix 2

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Appendix 2

SMALL GENERATOR INTERCONNECTION REQUEST (Application Form)

NYISO:_

Designated Contact Person: Steven Corey

Address: 10 Krey Boulevard, Rensselaer, NY 12144

Telephone Number: (518) 356-6134

Fax: (518) 356-7524

E-Mail Address: scorey@nyiso.com

An Interconnection Request is considered complete when it provides all applicable and correct information required below. Per SGIP section 1.5, documentation of the site control must be submitted with the Interconnection Request.

Preamble and Instructions

An Interconnection Customer who requests an interconnection to the New York State Transmission System or the Distribution System must submit this Interconnection Request by hand delivery, mail, e-mail, or fax to the NYISO. The NYISO will send a copy to the Transmission Owner.

Processing Fee or Deposit:

If the Interconnection Request is submitted under the Fast Track Process, the non-refundable processing fee is \$500.

If the Interconnection Request is submitted under the Study Process, whether a new submission or an Interconnection Request that did not pass the Fast Track Process, the Interconnection Customer shall submit to the NYISO a deposit not to exceed \$1,000 towards the cost of the feasibility study.

New York Independent System Attachment Z - Appendix 2 Small Generator Interconnection (Application Form)	n Operator, Inc. on Request		Page 2 of 9
Interconnection Customer In	formation		
Legal Name of the Interconnec	tion Customer (c	r, if an individual, individual's name)	I
Name: WM Renewable Energy	[
Contact Person: Peter Krulicze	<u>k</u>		
Mailing Address: <u>1001 Fannin</u> ,	Suite 4000		
City: Houston	State: <u>TX</u>	Zip: <u>77002</u>	
Facility Location: Madison Co	unty Landfill, 66	63 Buyea Rd., Canastota, NY 13421	
Telephone (Day): <u>713-394-507</u>	9 Teleph	one (Evening): <u>713-865-6559 (cell)</u>	
Fax: 713-287-2423	E-Mai	Address: <u>pkrulicz@wm.com</u>	
Additional Contact Information	i		
Contact Name: Peter Kruliczek	;		
Title: Business Developer			
Address: 1001 Fannin, Suite 40	<u>100</u>		
Houston, TX 77002			
Telephone (Day): <u>713-394-507</u>	9 Teleph	one (Evening) 713-865-6559 (cell)	
Fax: 713-287-2423	E-Mai	Address: <u>pkrulicz@wm.com</u>	
Application is for: <u>X</u> New	w Small Generat Capacity addition	ing Facility to Existing Small Generating Facility	i
If capacity addition to existing	facility, please d	scribe: <u>N/A</u>	

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Will the Small Generating Facility be used for any of the following?

Net Metering? Yes ____ No \underline{X} To Supply Power to the Interconnection Customer? Yes ____ No___X To Supply Power to Others Through Wholesale Sales Over the New York State Transmission System or Distribution System? Yes \underline{X} No____

For installations at locations with existing electric service to which the proposed Small Generating Facility will interconnect, provide:

N/A	
(Local Electric Service Provider)	(Existing Account Number)
Contact Name:	
Title:	
Address:	
Telephone (Day):	Telephone (Evening):
Fax:	_ E-Mail Address:
Requested Point of Interconnection:	At the proposed generation facility
Interconnection Customer's Requested I	n-Service Date:December, 2008
Small Generating Facility Information Data apply only to the Small Generating	n Facility, not the Interconnection Facilities.
Energy Source:SolarWind DieselNatural GasFue	HydroHydro Type (<u>e.g.</u> Run-of-River): el Oil Other (state type) <u>Landfill Gas</u>
Prime Mover:Fuel CellX_Rec Microturbine	cip EngineGas TurbSteam Turb PVOther

New York Independent System Operator, Inc. Attachment Z - Appendix 2 Small Generator Interconnection Request (Application Form)	Page 4 of 9
Type of Generator: <u>X</u> SynchronousI	aductionInverter
Generator Nameplate Rating: <u>1600</u> kW (Typ	ical) Generator Nameplate kVAR: 2000
Interconnection Customer or Customer-Site Lo	ad: <u>100</u> kW (if none, so state)
Typical Reactive Load (if known): <u>unknown</u>	
Maximum Physical Export Capability Request	d: <u>2000</u> kW
List components of the Small Generating Facili	y equipment package that are currently certified:
Equipment Type 1. <u>Generator</u> 2. <u>Switchgear</u> 3. <u>Protective Relays</u> 4. <u>Transformer</u> 5. <u>Woodward Governor</u>	Certifying Entity Built to meet NEMA MG-1 Built to meet C37.04,06,09,20,2 Built to meet UL 508 Built to meet ANSI/IEEE C57 12.00 Built to meet UL 508
Is the prime mover compatible with the certifie	d protective relay package? <u>X</u> YesNo
Generator (or solar collector) Manufacturer, Model Name & Number: <u>One E</u> Version Number: <u>SR4</u>	ngine Generator – Caterpillar 3520
Nameplate Output Power Rating in kW: (Sum Nameplate Output Power Rating in kVA: (Sum	mer) 1,600 (Winter) 1,600 mer) 2,000 (Winter) 2,000
Individual Generator Power Factor Rated Power Factor: Leading: 0.8	Lagging: 0.8
Total Number of Generators in wind farm to be Interconnection Request: Elevation	interconnected pursuant to this Single phaseThree Phase
Inverter Manufacturer, Model Name & Number	(if used):
List of adjustable set points for the protective e	uipment or software:
Note: A completed Power Systems Load Flow Interconnection Request.	data sheet must be supplied with the

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Small Generating Facility Characteristic Data (for inverter-based machines)

Max design fault contribution current: _____ Instantaneous ___ or RMS? ____

Harmonics Characteristics:

Start-up requirements:

Small Generating Facility Characteristic Data (for rotating machines)

RPM Frequency:1200(*) Neutral Grounding Resistor (If Applicable):600A for 10 sec

Synchronous Generators:

Direct Axis Synchronous Reactance, Xd: 1.816	_ P.U.
Direct Axis Transient Reactance, X'd: 0.2380	P.U.
Direct Axis Subtransient Reactance, X"d:0.1500	P.U.
Negative Sequence Reactance, X ₂ :0.1500 P.U.	
Zero Sequence Reactance, X _o : <u>0.0090</u> P.U.	
KVA Base:	
Field Volts:	
Field Amperes: 10.56	

Induction Generators:

Motoring Power (kW):
12 ² t or K (Heating Time Constant):
Rotor Resistance, Rr:
Stator Resistance, Rs:
Stator Reactance, Xs:
Rotor Reactance, Xr:
Magnetizing Reactance, Xm:
Short Circuit Reactance, Xd":
Exciting Current:

New York Independent System Operator, Inc. Attachment Z - Appendix 2 Small Generator Interconnection Request (Application Form)	
Temperature Rise:	
Frame Size:	
Design Letter:	
Reactive Power Required In Vars (No Load):	
Reactive Power Required In Vars (Full Load):	
Total Rotating Inertia, H:	Per Unit on kVA Base

Note: Please contact the Transmission Owner and the NYISO prior to submitting the Interconnection Request to determine if the specified information above is required.

Excitation and Governor System Data for Synchronous Generators Only

Provide appropriate IEEE model block diagram of excitation system, governor system and power system stabilizer (PSS) in accordance with the regional reliability council criteria. A PSS may be determined to be required by applicable studies. A copy of the manufacturer's block diagram may not be substituted.

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Interconnection Facilities Information

Will a transformer be used between the generator and the point of common coupling? _X_Yes ___No

Will the transformer be provided by the Interconnection Customer? \underline{X} Yes ____No

Transformer Data (If Applicable, for Interconnection Customer-Owned Transformer):

Is the transformer: ______single phase ______ three phase? Size: ______kVA Transformer Impedance: ______6.5 % on _____000 kVA Base

 If Three Phase:
 If Three Phase:

 Transformer Primary:
 12,470_Volts_____Delta
 Wye
 X_Wye Grounded

 Transformer Secondary:
 4160_Volts_X___Delta
 Wye
 Wye Grounded

 Transformer Tertiary:
 Volts_____Delta
 Wye
 Wye Grounded

Transformer Fuse Data (If Applicable, for Interconnection Customer-Owned Fuse):

(Attach copy of fuse manufacturer's Minimum Melt and Total Clearing Time-Current Curves)

Manufacturer: _____ Type: _____ Size: _____ Speed: _____

Interconnecting Circuit Breaker (if applicable):

Manufacturer: <u>G&W</u> Type: <u>3P 24vdc motor operated</u>

Load Rating (Amps): 600 Interrupting Rating (Amps) 12,500 Trip Speed (Cycles): 5

Interconnection Protective Relays (If Applicable):

If Microprocessor-Controlled:

List of Functions and Adjustable Setpoints for the protective equipment or software:

Setpoint Function	Minimum	Maximum
1	1000 amps	
251	150 amps	
3. <u>810/U</u>	<u>59.5 HZ 10cycles</u>	60.5 HZ 10 cycles
427	62/108 v 20 cycles	- <u> </u>
5	77/132 v 20 cycles	
6	<u></u>	
If Discrete Components:		

(Enclose Copy of any Proposed Time-Overcurrent Coordination Curves)

Manufacturer:	Туре:	Style/Catalog No.:	Proposed Setting:
Manufacturer:	Туре:	Style/Catalog No.:	Proposed Setting:
Manufacturer:	Туре:	Style/Catalog No.:	Proposed Setting:
Manufacturer:	Туре:	Style/Catalog No.:	Proposed Setting:
Manufacturer:	Туре:	Style/Catalog No.:	Proposed Setting:



Current Transformer Data (If Applicable):

(Enclose Copy of Manufacturer's Excitation and Ratio Correction Curves)

Manufacturer:		
Туре:	Accuracy Class:	Proposed Ratio Connection:_
Manufacturer:		
Туре:	Accuracy Class:	Proposed Ratio Connection:_
Potential Transformer	r Data (If Applicable):	
Manufacturer:		
Туре:	Accuracy Class:	Proposed Ratio Connection:_
Manufacturer:	····	
Туре:	Accuracy Class:	Proposed Ratio Connection:_

General Information

Enclose copy of site electrical one-line diagram showing the configuration of all Small Generating Facility equipment, current and potential circuits, and protection and control schemes. This one-line diagram must be signed and stamped by a licensed Professional Engineer if the Small Generating Facility is larger than 50 kW. Is One-Line Diagram Enclosed? <u>X</u> Yes <u>No</u>

Enclose copy of any site documentation that indicates the precise physical location of the proposed Small Generating Facility (e.g., USGS topographic map or other diagram or documentation).

Proposed location of protective interface equipment on property (include address if different from the Interconnection Customer's address)

Enclose copy of any site documentation that describes and details the operation of the protection and control schemes. Is Available Documentation Enclosed? X Yes _____ No

Enclose copies of schematic drawings for all protection and control circuits, relay current circuits, relay potential circuits, and alarm/monitoring circuits (if applicable). Are Schematic Drawings Enclosed? X Yes No

Applicant Signature

I hereby certify that, to the best of my knowledge, all the information provided in this Interconnection Request is true and correct.



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