

STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

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In the matter, on the Commission's own motion, )  
regarding the regulatory reviews, revisions, )  
determinations, and/or approvals necessary for ) Case No. U-15866  
the HOLLAND BOARD OF PUBLIC )  
WORKS to fully comply with Public Act 295 )  
of 2008 )  
\_\_\_\_\_)

**SUBMITTAL OF RENEWABLE ENERGY PLAN ANNUAL REPORT**

In accordance with the Commission's Order issued March 2, 2010 (Doc. No. 16), the Holland Board of Public Works hereby submits its renewable energy plan annual report for 2009. A copy of this annual report, including any exhibits, is attached.

Respectfully submitted,

DICKINSON WRIGHT PLLC  
Attorneys for the Holland Board of Public Works

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Dated: June 29, 2010

# ATTACHMENT

**Holland Board of Public Works  
Renewable Energy Plan Annual Report for 2009  
MPSC Case No. U15866**

**SECTION 1: PA 295 SECTION 51 SUBSECTIONS 1-3 REQUIREMENTS**

***Section 51. (1) By a time determined by the commission, each electric provider shall submit to the commission an annual report that provides information relating to the actions taken by the electric provider to comply with the renewable energy standards. By that same time, a municipally-owned electric utility shall submit a copy of the report to the governing body of the municipally-owned electric utility, and a cooperative electric utility shall submit a copy of the report to its board of directors.***

The Holland Board of Public Works has taken numerous steps in 2009 toward compliance with the renewable energy standards established in PA 295. Those actions include both investigations of potential renewable resource development opportunities and execution of two significant power purchase agreements (PPA) with renewable energy sources in Michigan. Specifically, those PPAs are for supply from the CMS-Grayling biomass source for a 5-year term and a 20-year supply arrangement with North American Natural Resources (NANR) for landfill-gas based generation in Berrien County. In addition, Holland had established a long-term power purchase agreement, through its membership in Michigan Public Power Agency, with Granger for landfill gas-based generation. Finally, Holland also purchased renewable energy credits (RECs) from NANR for the months of November and December in 2009.

***(2) An annual report under subsection (1) shall include all of the following information:***

***(a) The amount of electricity and renewable energy credits that the electric provider generated or acquired from renewable energy systems during the reporting period and the amount of renewable energy credits that the electric provider acquired, sold, traded, or otherwise transferred during the reporting period.***

<b>Electricity</b>	<b>Renewable Energy Generated or Acquired Including Michigan Incentive RECs</b>	<b>RECs Sold, Traded or Otherwise Transferred</b>
<b>MWh</b>	<b>RECs</b>	<b>RECs</b>
12,335.6	18976.9	0.0

**(b) The amount of electricity that the electric provider generated or acquired from advanced cleaner energy systems pursuant to this act during the reporting period.**

<b>Electricity</b>	<b>Advanced Cleaner Energy Credits Generated or Acquired</b>	<b>ACECs Sold, Traded or Otherwise Transferred</b>
<b>MWh</b>	<b>ACECs</b>	<b>ACECs</b>
0	0	0

**(c) The capacity of each renewable energy system and advanced cleaner energy system owned, operated, or controlled<sup>1</sup> by the electric provider, the total amount of electricity generated by each renewable energy system or advanced cleaner energy system during the reporting period, and the percentage of that total amount of electricity from each renewable energy system that was generated directly from renewable energy.**

**For reporting purposes, the Project Names used in this report should match the Project Name used for reporting data to MIRECs (Michigan Renewable Energy Certification System).**

<b>Renewable Energy Systems Owned by Electric Provider</b>					
<b>Project Name</b>	<b>System Technology Type</b>	<b>Nameplate Capacity</b>	<b>Electricity Generated</b>	<b>Percentage Generated from Renewable Energy</b>	<b>RECs Generated</b>
		<b>MW</b>	<b>MWh</b>	<b>%</b>	<b>RECs</b>
<b>Total</b>					

<sup>1</sup> For the purposes of this report, the term “controlled” refers to renewable or advanced cleaner energy systems providing, under contract, RECs or ACECs with or without nameplate capacity or energy.

<b>Renewable Energy Systems Under Contract</b>						
<b>Project Name</b>	<b>System Technology Type</b>	<b>Nameplate Capacity</b>	<b>Electricity Generated</b>	<b>Percentage Generated from Renewable Energy</b>	<b>RECs Generated</b>	<b>Is This a REC-Only Contract?</b>
		<b>MW</b>	<b>MWh</b>	<b>%</b>	<b>RECs</b>	<b>Y or N</b>
CMS-Grayling	Biomass	1.8	12335.6	100	13689.9	N
North American Natural Resources SE Berrien	Landfill Gas	4.8	5287.0	100	5287.0	Y
<b>Total</b>		6.6	17622.6		18976.9	
<p>If the electric provider is not purchasing 100% of the Project output, a pro-rata Nameplate Capacity may be reported if applicable.</p> <p>For REC-only contracts, provide Project Name, System Technology Type, Nameplate Capacity, Electricity Generated, and Percentage Generated from Renewable Energy data if available.</p>						

<b>Advanced Cleaner Energy Systems Owned by Electric Provider</b>				
<b>Project Name</b>	<b>System Technology Type</b>	<b>Electricity Generated</b>	<b>Percentage Generated from Advanced Cleaner Energy</b>	<b>ACECs Generated</b>
		<b>MWh</b>	<b>%</b>	<b>ACECs</b>
	<b>Total</b>	0		0

<b>Advanced Cleaner Energy Systems w/ACECs Purchased Under Contract</b>					
<b>Project Name</b>	<b>Source</b>	<b>Electricity Generated</b>	<b>Percentage Generated from Advanced Cleaner Energy</b>	<b>ACECs Generated</b>	<b>Is This an ACEC-Only Contract?</b>
		<b>MWh</b>	<b>%</b>	<b>ACECs</b>	<b>Y or N</b>
<b>Total</b>		<b>0</b>		<b>0</b>	
For ACEC-only contracts, provide Project Name, Source, Electricity Generated, and Percentage Generated from Advanced Cleaner Energy data if available.					

***(d) Whether, during the reporting period, the electric provider began construction on, acquired, or placed into operation a renewable energy system or advanced cleaner energy system.<sup>2</sup>***

<b>Renewable Energy Systems</b>					
<b>Project Name</b>	<b>System Technology Type</b>	<b>Nameplate Capacity</b>	<b>Construction Start Date Or Acquisition Date (May be forecast)</b>	<b>Commercial Operation Date (May be forecast)</b>	<b>Is Project Owned by Electric Provider?</b>
		<b>MW</b>			<b>Y or N</b>

<sup>2</sup> Report information for projects owned by the electric provider and projects where the provider is purchasing renewable or advanced cleaner energy credits with or without energy or capacity.

<b>Advanced Cleaner Energy Systems</b>					
<b>Project Name</b>	<b>System Technology Type</b>	<b>Nameplate Capacity</b>	<b>Construction Start Date Or Acquisition Date (May be forecast)</b>	<b>Commercial Operation Date (May be forecast)</b>	<b>Is Project Owned by Electric Provider?</b>
		<b>MW</b>			<b>Y or N</b>

***(e) Expenditures made in the past year and anticipated future expenditures to comply with this subpart.***

Include all expenditures to be recovered via the revenue recovery mechanism (renewable energy surcharge). Electric providers without a renewable energy surcharge may leave this table blank.

<b>2009 Actual Expenditures</b>	<b>2010 Anticipated Expenditures</b>
\$969,743.14 <sup>3</sup>	\$2,972,878.50 <sup>4</sup>

<sup>3</sup> The number represents the total expenditures for both external administrative services and the entire cost of purchased power including both wholesale energy and renewable energy credits. Additional expenditures in the amount of \$630,270.70 were incurred on development efforts associated with five different renewable energy systems.

<sup>4</sup> This number represents the entire cost of anticipated power purchase including both wholesale energy and renewable energy credits. Additional expenditures in the amount of \$390,000 are anticipated for exploration and development of additional renewable resources in calendar year 2010.

**(f) Any other information that the commission determines necessary.**

1. Provide the electric provider's retail sales in MWh. Determine the retail sales number using the method (a) or (b) below that corresponds with the method approved by the Commission in the investor-owned electric utility's renewable energy plan:
  - a. The number of weather-normalized megawatt hours of electricity sold by the electric provider during the previous year to retail customers in this state. **For purposes of this calculation, electric providers using this option are directed to provide a forecasted retail sales estimate for 2011.**
  - b. The average number of megawatt hours of electricity sold by the electric provider annually during the previous 3 years to retail customers in this state. **For purposes of this calculation, electric providers using this option are directed to provide a forecasted retail sales average using 2009, 2010 and 2011.**

<b>1. Retail Sales (MWh)</b>	<b>980188</b>
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2. Provide the total available RECs for the electric provider. Include available banked RECs from previous periods, Michigan Incentive RECs and RECs generated/acquired during the reporting period.

<b>2. Total Available RECs</b>	<b>18976.9</b>
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3. Calculate the electric provider's estimated available renewable energy percentage for the reporting period by dividing the total available RECs (Item number 2 above) by the retail sales (Item number 1 above) and multiplying by 100.

<b>3. Estimated Available Renewable Energy % for Reporting Period</b>	<b>1.94%</b>
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