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 the HOLLAND BOARD OF PUBLIC WORKS to fully comply with Public Act 295 of 2008	)	Case No. U-16617

SUBMITTAL OF RENEWABLE ENERGY PLAN ANNUAL REPORT

In accordance with the Commission's Order issued October 4, 2011, the Holland Board of Public Works hereby submits its renewable energy plan annual report for 2011. A copy of this annual report, including any exhibits, is attached.

Respectfully submitted,

DICKINSON WRIGHT PLLC
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Holland Board of Public Works
Renewable Energy Plan Annual Report for 2011
MPSC Case No. U-16617

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 is firmly on the path toward compliance with the renewable energy standards established in PA 295. Power purchase agreements (PPA) with renewable energy sources in Michigan are expected to provide the needed Renewable Energy Credits (RECs) to comply with the standard through 2020. 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 both Granger and NANR for landfill gas-based generation.

(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.

Electricity	Renewable Energy Generated or Acquired Including Michigan Incentive REC	REC Sold, Traded or Otherwise Transferred
MWh	**REC**	**REC**
41,310.06	45,423	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.

Electricity	Advanced Cleaner Energy Credits Generated or Acquired	ACEC Sold, Traded or Otherwise Transferred
MWh	**ACEC**	**ACEC**

(c) The capacity of each renewable energy system and advanced cleaner energy system owned, operated, or controlled[1] 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).

[1] For the purposes of this report, the term "controlled" refers to renewable or advanced cleaner energy systems providing, under contract, REC or ACEC with or without nameplate capacity or energy.

Renewable Energy Systems Owned by Electric Provider					
Project Name	**System Technology Type**	**Nameplate Capacity**	**Electricity Generated**	**Percentage Generated from Renewable Energy**	**REC Generated**
		MW	**MWh**	**%**	**REC**
Total					

Renewable Energy Systems Under Contract						
Project Name	**System Technology Type**	**Nameplate Capacity**	**Electricity Generated**	**Percentage Generated from Renewable Energy**	**REC Generated**	**Is This a REC-Only Contract?**
		MW	**MWh**	**%**	**REC**	**Y or N**
Landfill Gas Project	Landfill Gas	.488	3,841.26	100	4,481	N
NANR SE Berrien	Landfill Gas	4.8	28,740	100	31,460	Y
CMS-Grayling	Biomass	1.8	8,728.80	100	9,482	N
Total		7.088	41,310.06		45,423	

If the electric provider is not purchasing 100% of the Project output, a pro-rata Nameplate Capacity may be reported if applicable.

For REC-only contracts, provide Project Name, System Technology Type, Nameplate Capacity, Electricity Generated, and Percentage Generated from Renewable Energy data if available.

*The landfill gas project includes REC's and iREC's from three Granger LFG units: Brent Run, Brent Run #2, and Grand Blanc. REC's are lumped together and distributed from MPPA to participants, not necessarily based on unit, but by total monthly MWH generated and entitlement share.

Advanced Cleaner Energy Systems Owned by Electric Provider				
Project Name	**System Technology Type**	**Electricity Generated**	**Percentage Generated from Advanced Cleaner Energy**	**ACEC Generated**
		MWh	**%**	**ACEC**
Total				

Advanced Cleaner Energy Systems/ ACEC Purchased Under Contract					
Project Name	**Source**	**Electricity Generated**	**Percentage Generated from Advanced Cleaner Energy**	**ACEC Generated**	**Is This an ACEC-Only Contract?**
		MWh	**%**	**ACEC**	**Y or N**
Total					
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.[2]

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

[2] 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.

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

(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. The figures below should include only the incremental costs of compliance and not transfer price data.

2011 Actual Expenditures	2012 Anticipated Expenditures
$2,131,813.75	$4,080,207.13

Section 51(2)(f).
Within this section, list the method and the retail sales in MWh for the reporting period.

List the Method: either average of 2009-2011 retail sales or the 2011 weather normalized retail sales.

Average of Retail Sales.

The method chosen should be consistent with the method approved in the initial plan case from 2009.
All sales are retail (net of wholesale).

(A) List the sales in MWh based on the method selected above. Please show the calculation of this figure (including listing the sales of each year if the three year average method is used).

(885,787 + 958,681 + 992,481) / 3 = 945,650

(B) List the energy credits available to use for compliance. This number may differ from the inventory figure given in **Section 51(2)(a)** above. Take into account green pricing program credits and energy optimization or advanced cleaner energy credit substitutions and limits on use. List the green pricing program, energy optimization and advanced cleaner energy credits separately.

Total REC's in MIRECS = 108,322

Calculate the estimated renewable energy compliance calculation. Figure above divided by sales in MWh above (B divided by A).

11.45%

(C) As in (B) above, list the energy credits available to use for compliance that were generated or obtained during the reporting year. Take into account green pricing program credits and energy optimization or advanced cleaner energy credit substitutions and limits on use. List the green pricing program, energy optimization and advanced cleaner energy credits separately.

Only Reporting Period Vintage Credits (C)
Vintage 2011 REC's in MIRECS = 45,423

Calculate the estimated renewable energy compliance calculation. Figure above (C) divided by sales in MWh above (A).

Compliance based on current year (C divided by A)
4.80%