

**Bio Energy (Ohio II), LLC**  
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May 20, 2011

Public Utilities Commission of Ohio  
180 East Broad Street  
Columbus  
Ohio 43215

**Re: Carbon Limestone landfill gas to electricity facility**  
**Certified as an eligible Ohio renewable energy resource generating facility**  
**Case number: 09-561-EL-REN**  
**Certification number: 09-BIO-OH-GATS-0016 issued October 2009**

Dear Sir / Madam,

When the Carbon Limestone facility received certification as an eligible Ohio renewable energy resource in October 2009 the facility had an installed nameplate capacity of 19.1 MW, comprised of 14 gas reciprocating engines each with a nameplate capacity of 1.364 MW.

During April 2011 Bio Energy (Ohio II), LLC commissioned two additional engines at the site. The two engines each have a nameplate capacity of 1.364 MW and will expand the nameplate capacity of the entire facility to 21.824 MW. The commercial operations dates for the two expansion engines were:

|           |                |
|-----------|----------------|
| Unit # 15 | April 14, 2011 |
| Unit # 16 | April 11, 2011 |

The two additional engines will export electricity through the same interconnection facility as utilized by the existing 14 engines. This interconnection facility is metered by a single revenue class meter owned and operated by American Municipal Power. American Municipal Power is the sole off-taker of all electricity generated by the Carbon Limestone landfill gas to electricity facility.

The purpose of this letter is for Bio Energy (Ohio II), LLC to meet its ongoing reporting responsibilities to PUCO which include keeping PUCO informed of any changes at the renewable energy resource facility.

Included as Attachment A is revised Facility Information for the Carbon Limestone facility updating the information previously filed in 2009 and February 2011 to reflect (1) the addition of the two engines in April 2011 and (2) a general increase in expected annual capacity factors on all engines at the facility arising from the installation of improved gas conditioning equipment in December 2010 that further dries the landfill gas and removes siloxane compounds harmful to the engines.

Yours sincerely,

Chris Eastgate  
**VP - Finance**

# Bio Energy (Ohio II), LLC

## ATTACHMENT A

### Facility Information

The nameplate capacity of the entire facility in megawatts (MW): 21.824 MW  
(Previously 19.1 MW at the time of the 2009 AEPS certification)

If applicable, what is the expected heat rate of resource used per kWh of net generation:  
BTU/kWh

Number of Generating Units: Sixteen (16)

| In-Service date of each unit  | The nameplate capacity of each unit in megawatts (MW) | Projected Annual Generation | Expected Annual Capacity Factor % |
|-------------------------------|---|-----------------------------|-----------------------------------|
| Units # 1 – 11<br>11/24/2001  | 1.364 MW  | 102,500 MWh                 | 78% <sup>(1)</sup>                |
| Units # 12 – 13<br>12/11/2003 | 1.364 MW  | 18,600 MWh                  | 78% <sup>(1)</sup>                |
| Unit # 14<br>02/07/2006       | 1.364 MW  | 9,300 MWh                   | 78% <sup>(1)</sup>                |
| Units # 15 – 16<br>April 2011 | 1.364 MW  | 18,600 MWh                  | 78%                               |

(1) Bio Energy (Ohio II), LLC commissioned a siloxane removal treatment system in December 2010 to support the expanded 21.8 MW site. This system is projected to improve the site Expected Annual Capacity Factor.

**This foregoing document was electronically filed with the Public Utilities**

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**Case No(s). 09-0561-EL-REN**

Summary: Correspondence Advice to PUCO of an increase in the installed capacity (2 new engines) at the Bio Energy (Ohio II), LLC Carbon Limestone landfill gas to electricity power station from 19.1 MW to 21.8 MW in April 2011. electronically filed by Mr. Chris D Eastgate on behalf of BIO ENERGY (OHIO II), LLC