PUBLIC SERVICE COMMISSION OF MARYLAND

RENEWABLE ENERGY PORTFOLIO STANDARD REPORT OF 2007

In compliance with Section 7-712 of
the Public Utility Companies Article,
Annotated Code of Maryland

6 St. Paul Street
Baltimore, MD 21202
Tel: (410) 767-8000
www.psc.state.md.us

February 2007

TABLE OF CONTENTS

I. Introduction and Summary

A. Report contents

This document is the annual report of the Public Service Commission of Maryland (Commission) on the Maryland Renewable Energy Portfolio Standard (RPS) for 2007. The Report is submitted in compliance with Section 7-712 of the Public Utility Companies (PUC) Article of the Annotated Code of Maryland. PUC Article § 7-712 requires that, on or before February 1 of each year, the Commission shall report to the General Assembly on the status of the implementation of the RPS. In compliance with PUC Article § 7-712, topics addressed in the report include the availability of Tier 1 renewable resources, projects supported by the Maryland Renewable Energy Fund (Fund), and other pertinent information. While addressing the aforementioned topics using available information, the report also provides a history of the program, accomplishments made over the past year, and forthcoming milestones.

B. Objectives of the program

Creating a diversity of renewable energy supplies to serve Maryland is the objective of the RPS. The RPS program does this by recognizing the environmental benefits associated with renewable energy. This recognition is explicitly made through the creation, sale and transfer of Renewable Energy Credits (RECs). The development of renewable energy sources is also promoted by requiring electricity suppliers to pay a financial penalty for failing to acquire sufficient RECs to satisfy the RPS.

C. Overview of the program

Under PUC Article § 7-701 et seq. (RPS Legislation) electricity suppliers are required to meet a Renewable Energy Portfolio Standard. One requirement of the legislation is that the Commission establish an RPS Program. A system must also be in place to implement the RPS and facilitate the trading of Renewable Energy Credits that represent the attributes associated with the generation of electricity using renewable resources.

A REC is equal to the renewable attributes associated with one megawatt-hour of energy generated using specified renewable resources. Each supplier must present, on an annual basis, RECs equal to the percentage specified by the RPS Legislation. Generators and suppliers are allowed to trade RECs using a Commission sanctioned or established REC registry and trading system. A REC has a three-year life during which it may be transferred, sold, or otherwise redeemed.

The RPS Legislation at PUC Article § 7-704(b) allows an electricity supplier to receive and accumulate RECs, created on or after January 1, 2004 through the final adoption of RPS regulations on November 24, 2005. These RECs are known as “retroactive RECs.” Under COMAR 20.61.03.02C, except in cases where good cause is shown, a retroactive REC application must be filed within the six-month period immediately after the effective date of final adoption of RPS implementation regulations. These retroactive RECs were partitioned into two

categories, one category to account for generation that occurred during calendar year 2004[1] and the second category to cover the period spanning January 1, 2005 through November 24, 2005[2] (the date COMAR 20.61 became final and effective). Retroactive RECs are given a generation date of December 31 of the year of generation and are identical to RECs in all other ways.

Suppliers that do not meet the annual RPS are required to pay a compliance fee, as prescribed in the RPS Legislation. Compliance fees will be a source of funding for the Maryland Renewable Energy Fund. The Maryland Renewable Energy Fund is designed to promote the development of renewable energy resources in Maryland. The Commission is responsible for creating and administering the overall RPS program; responsibility for developing renewable energy resources has been vested with the Maryland Energy Administration (MEA).

II. History of the Program Including What Was Accomplished in Prior Years

Implementation of the Maryland Renewable Energy Portfolio Standard Program began in 2004. In Case No. 9019, the Commission considered certain threshold policy and administrative issues. At the close of formal proceedings, the Commission issued direction to Staff in a letter dated December 21, 2004. With Case No. 9019 as a foundation, Staff convened the RPS Working Group composed of representatives from electric utilities, electricity suppliers, renewable energy providers, REC traders, industry specialists, environmentalists, the Office of People's Counsel, and other interested parties. The group convened through April 2005. Beginning with a proposed set of regulations drafted to comply with the RPS Legislation and the Commission's direction regarding the issues in Case No. 9019, the RPS Working Group offered comments and alternative language on successive drafts of proposed regulations.

On April 13, 2005, Staff filed recommended proposed RPS regulations, and the Commission opened Rulemaking 12. The Commission received comments and reply comments on the proposed regulations. The Commission held three Open Meetings on the RPS Regulations for the purpose of addressing outstanding issues raised by the parties. On May 25, 2005, the Commission voted to publish proposed RPS Regulations as Section 20.61 of the Code of Maryland Regulations (COMAR). The proposed regulations were published August 3, 2005 in the Maryland Register. The Proposed Regulations were adopted as published on a temporary emergency basis effective July 1, 2005. After additional comments and an open meeting, COMAR 20.61 was adopted as final and became effective November 24, 2005.

With regulations in place, the full implementation of the RPS program began. Staff created the forms and processing mechanisms necessary to begin program administration. The Commission also established a website[3] dedicated to the RPS program. Program forms, reference documents, RPS related links and a Frequently Asked Questions page are all found at this website. Applications for 2004 and 2005 retroactive RECs were obtainable at this website until the filing deadline of May 29, 2006. Applicants have responded by requesting designation as certified Renewable Energy Facilities, authorization of retroactive RECs, and receipt of

[1] These are known as 2004 retroactive RECs.
[2] These are known as 2005 retroactive RECs.
[3] http://www.psc.state.md.us/psc/electric/rps/home.htm.

Industrial Process Load status. The Commission has issued numerous decisions on the aforementioned applications for participation in the Maryland RPS Program.

On December 31, 2006, the first compliance year of the RPS concluded, the results of which will soon be reported. As stated in COMAR 20.61.04.02, electricity suppliers must submit Annual Reports to the Commission by April 1, 2007. Renewable energy facilities are registering with the Maryland RPS on a continual basis. Compliance fee payments collected for compliance year 2006 will be contributed to the Maryland Renewable Energy Fund. As RPS program results are received and reviewed, further refinements to the program may be made to ensure that the objective of the Maryland RPS Legislation is met.

III. Year 2006 Accomplishments

A. Regulation Changes

Proposed changes to the Maryland RPS were filed on June 22, 2006 and were reviewed and amended over the course of Rulemaking 25. One of the intentions of the proposed amendments was to establish regulations pertaining to the Maryland Renewable Energy Fund and its uses. As found in COMAR 20.61.05, the Maryland Energy Administration will administer the Maryland Renewable Energy Fund. Deadlines associated with the proposed budget and the Annual Report to the Commission are also established in COMAR 20.61.05. Eligible criteria for projects that will be supported by the Maryland Renewable Energy fund are also contained in COMAR 20.61.05.

The addition of an alternative procedure to be used by generators or suppliers seeking RECs, which otherwise would not be able to secure certification of generation from their Regional Transmission Organization (RTO), was also addressed. The policy regarding the retroactive REC issuance found in COMAR 20.61.03.02 was changed to allow for certification methods that fell outside the bounds of verification from the facilities' RTO. Those unable to obtain RTO authentication included facilities that operated behind the meter, delivered electricity directly to an interconnecting utility, or operated in a RTO that could not verify electricity generation over a given time period.

A third amendment addressed disclosures of information on the sale of renewable products. Finally, Rulemaking 25 brought forward the due date for supplier annual compliance forms from June 1, 2007 to April 1, 2007 and to April 1 for all subsequent years.

B. Registration of Renewable Energy Facilities

Certifying a Renewable Energy Facility (REF) requires due diligence in determining whether each facility meets the standards set forth by the Maryland RPS Program. Potential applicants are initially directed to the application for renewable energy facility certification on the Commission's RPS website. Once there, applicants determine their geographical eligibility. Applicants must also meet the fuel source requirements associated with Tier 1 and Tier 2 REC creation. Verification of the fuel source in question is completed with the aid of the Energy Information Administration Form 860 (EIA-860). This form, required of all facilities with a

rated capacity that is greater than 1 MW, aids in validating each facility's rated name plate capacity, fuel source(s), location, and commercial operation start date.

Other pieces of documentation are required to verify that the owner of the facility is applying for and authorizing the issuance of RECs to its Generation Attributes Tracking System (GATS) account (see page 7). The GATS account will be established with the State facility certification identification number issued by the Commission upon acceptance of the application. Facilities that co-fire their REC-eligible renewable fuel with non-eligible fuel sources must submit to GATS a formula or method for accounting for the proportion of total electricity generation that will be credited with RECs.

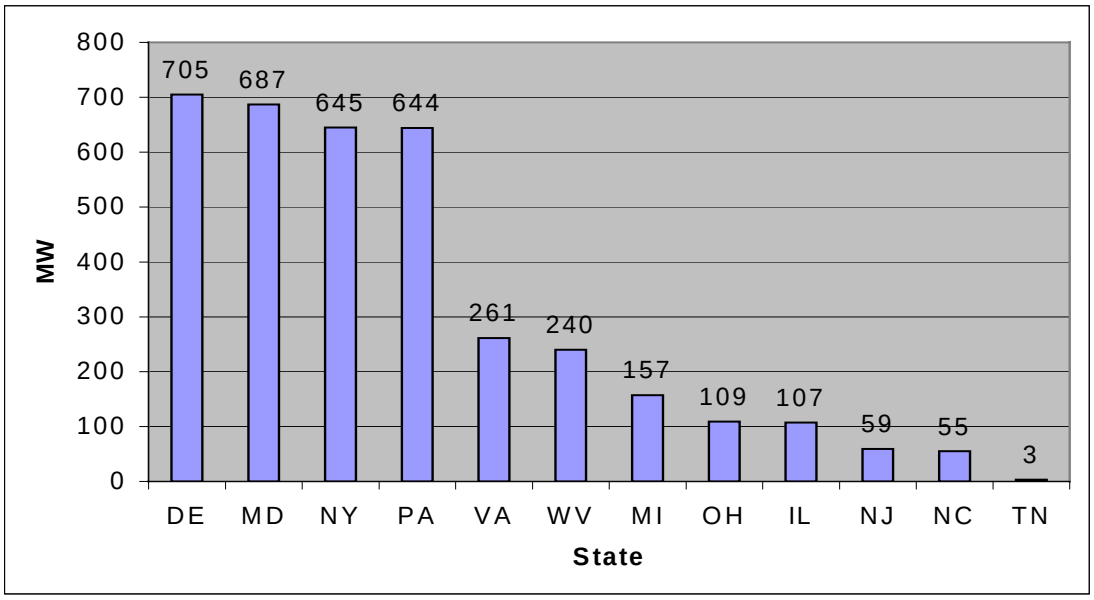
Facilities eligible for the Maryland RPS must operate in PJM or PJM adjacent states. Included in this footprint are the states of Maryland, Pennsylvania, New Jersey, Delaware, Virginia, West Virginia, New York, North Carolina, Tennessee, Kentucky, Ohio, Indiana, Illinois, Michigan, Wisconsin, Iowa, and the District of Columbia. In addition to being located in this area, facilities must generate at least 1 MWh of electricity. This is due to the fact that a REC is credited to 1 MWh of electricity generation. Fractions of RECs are not counted. Eligible fuel sources for Tier 1[4] REC creation are listed in PUC Article § 7-701 (l) and PUC Article § 7-701 (m) for Tier 2[5] REC creation.

Chart 1 shows the amount of rated capacity that is currently registered with the Maryland RPS program and the geographical allocation of the RECs that are being created. The majority of the facilities currently registered are found in the Mid-Atlantic region. Based upon the Renewable Energy Facilities that have been certified by the Commission, Delaware, Maryland, Pennsylvania, and New York are the largest sources of RECs.

[4] Tier 1 renewable fuel sources include electricity derived from solar power, wind power, qualifying biomass, methane from the anaerobic decomposition of organic material in a landfill or wastewater treatment plant, geothermal power, ocean power, a fuel cell utilizing a Tier 1 renewable energy resource, and hydroelectric power with a rated capacity that is less than 30 megawatts.

[5] Tier 2 renewable fuel sources include hydroelectric power other than pump storage generation, waste-to-energy and the incineration of poultry litter, if the Maryland Energy Administration and Maryland Department of Agriculture determine that there is a sufficient quantity of poultry litter available for the economic viability of any existing and operating entity that is sited on the Delmarva Peninsula and that as of July, 1, 2004, processes and pasteurizes chicken litter as fertilizer.

Chart 1: MD RPS Certified Rated Capacity by State (as of 12/31/2006)

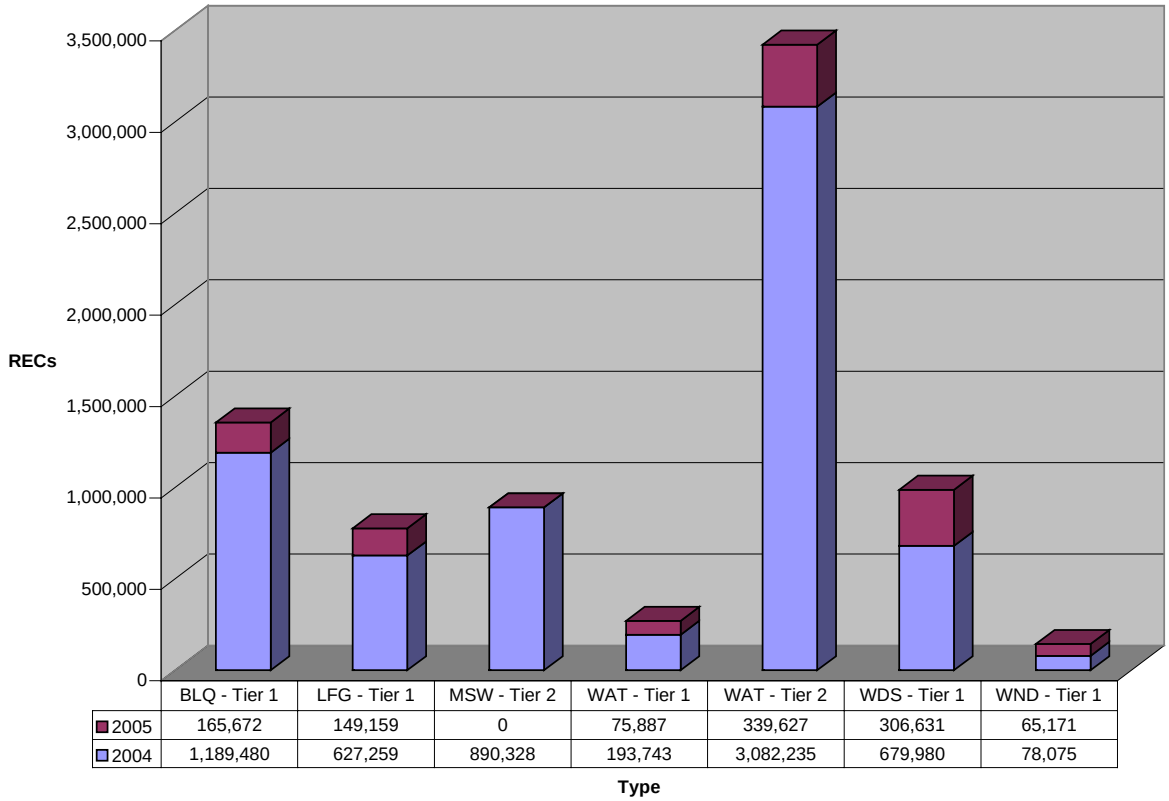


C. Registration of Retroactive Renewable Energy Credits

The deadline for filing applications requesting credit for 2004 and 2005 Retroactive RECs passed on May 29, 2006. Facilities certified by the Commission as generating electricity from a Commission approved Tier 1 or Tier 2 renewable resource over the period spanning January 1, 2004 to November 24, 2005 were eligible to receive Retroactive RECs. In order to receive credit for these RECs "retroactively" the supplier or generator needed to submit to the Commission an application for either 2004 or 2005 retroactive RECs. Renewable electricity generated over the course of calendar year 2004 was eligible for 2004 retroactive RECs, and electricity generated from January 1, 2005 to November 24, 2005 was eligible for 2005 retroactive RECs.

The application for Retroactive RECs was found on the Commission's RPS website. An applicant for retroactive RECs was required to cite the source and type of renewable electricity generation that occurred over the period in question. Along with the signature of the applicant, verification from the applicable Regional Transmission Operator or interconnecting utility was required. If a facility applying for retroactive RECs operated behind the meter, financial settlement data showing the amount of electricity sold was accepted in lieu of RTO data. Loss factors were not accounted for when reviewing the financial settlement data.

Chart 2: 2004 and 2005 MD Retroactive RECs by fuel source[6] and Tier



	BLQ - Tier 1	LFG - Tier 1	MSW - Tier 2	WAT - Tier 1	WAT - Tier 2	WDS - Tier 1	WND - Tier 1
2005	165,672	149,159	0	75,887	339,627	306,631	65,171
2004	1,189,480	627,259	890,328	193,743	3,082,235	679,980	78,075

Significant response to the availability of 2004 and 2005 Retroactive RECs occurred over the course of 2006. On March 8, 2006 the Commission issued the first retroactive RECs, and the last retroactive RECs were awarded on September 13, 2006. Chart 2 shows the number of retroactive RECs that were awarded by the Commission by fuel source, tier, and year of generation.

- The Commission awarded a total of 6,741,000 retroactive RECs that were generated during the year 2004. Of these, 2,768,537 are considered Tier 1 RECs and 3,972,563 are considered Tier 2 RECs. These 2004 retroactive RECs were given a generation date of December 31, 2004 and can be banked for a period of three years, so they can be used for compliance year 2007.
- The figure for 2005 retroactive RECs certified by the Commission is 1,102,147. Of these, 762,520 came from Tier 1 renewable resources, and 339,627 originated from Tier 2 certified facilities.

D. Successful operation of PJM GATS

GATS is an integral part of the RPS Program. This is in keeping with PUC Article § 7-708(a)(2) which requires the Commission to use, to the extent practicable, a trading system that is consistent with and operates in conjunction with a trading system developed by PJM

[6] Key for the fuel sources listed in Appendix B pg. 21

Interconnection, LLC. GATS is a system designed and operated by PJM Environmental Information Services, Inc.(PJM-GATS) that is used to create, record, and track RECs. GATS monitors the generation of participating units. RECS are created monthly based upon actual renewable output. A GATS certificate from a Commission-certified renewable energy facility is identified as a Maryland eligible Tier 1 or Tier 2 REC. The first compliance reports will be due on April 1, 2007 for calendar year 2006.

PJM-GATS collects generation data for facilities certified for RPS programs in various states. Upon issuance of a Maryland RPS Certification Number, a facility may open a GATS account for use with the Maryland RPS Program. Facilities often are eligible for participation with numerous state RPS programs, and, as a result, they will be certified with multiple states and be issued multiple state certification numbers. A facility that is interconnected with PJM will have its electricity generation data automatically uploaded.

RECs are created at the end of each month. The number of RECs created is based upon this electricity generation data. RECs are time stamped on a monthly basis, and this time stamp serves to ensure that the REC expiration date, which may vary by state, is clear. Facilities that utilize more than one fuel source to generate electricity will have a formula on file with GATS to determine the percentage of electricity that comes from each fuel source. A generating unit that has registered, as a multi-fuel generator, is required to split its generation prior to certificates being created. Certificates that have unique identification numbers and can be associated with the fuel types registered are then awarded to each fuel type. If a generating unit fails to split its fuel, then RECs are not awarded to its GATS account. The formula used to determine the proportion of electricity coming from each fuel source is reviewed during the Renewable Energy Facility Certification application review process. Only electricity coming from an eligible Tier 1 or Tier 2 fuel source will be credited with Tier 1 or Tier 2 REC creation.

A GATS account is a requirement for REC generating units of the Maryland RPS Program. However, GATS accounts may be created by facilities that are not interconnected with PJM. Load serving entities are charged an annual fee of $2000 for the maintenance of the GATS account. A volumetric fee of $ 0.008 per MWh is also charged to Load Serving Entities in the state(s) that use GATS. Suppliers participating in the trading of RECs through GATS are charged an annual $1000 subscription fee as well as $0.25 per MWh transaction fee for transfers of certificates to reserve sub-accounts. All transactions that occur between a generator or supplier with a GATS account, and a party without a GATS account, will result in the retirement of the REC that is sold outside of GATS. Bilateral transactions are not tracked by the GATS system. Each REC tracked in GATS has a unique serial number that aids in ensuring against the double counting of RECs and helps distinguish between RECs that are created by a certain facility in a given month. Renewable energy facilities that are not interconnected with PJM submit their generation figures to PJM-GATS on a monthly basis.

E. Other facets of the Maryland RPS

Additional forms that target other aspects of the Maryland RPS program are available on the Commission's RPS website. An application to be certified as an Industrial Process Load is posted. The compliance fee of a Commission designated industrial process load is reduced in the

event of a REC shortfall. Furthermore a load serving entity that serves industrial process load can exempt all of the electricity sales to a single customer whose certified industrial process load is in excess of 300,000,000 kWh per year, from their RPS compliance obligation. As of December 31, 2006 only one Renewable Energy Facility had been designated as Industrial Process Load within the Maryland RPS.

Under COMAR 20.61.01.05(F), a facility may apply to the Commission for designation as a supplier with an extreme economic hardship. For an application to be eligible for this designation the applicant must have met one or more of the following conditions.

- An applicant filing for an extreme economic hardship may have recently initiated or have been involved with a bankruptcy proceeding under 11 U.S.C § 101.
- Another situation that would warrant an extreme economic hardship is a firm with a credit rating of C (or equivalent designation) or lower by a nationally recognized credit rating agency.
- The Commission may also find an extreme economic hardship based upon a similar designation by a federal or other state program.
- An applicant seeking extreme economic hardship status may also present other documentation in order to make its case.

Those deemed to be under extreme economic hardship may have their RPS compliance fee waived. As of December 31, 2006 no facilities have applied for or received this designation from the Commission.

IV. Upcoming Milestones

After the conclusion of the first compliance year, there are significant milestones that will be met in 2007. Foremost, electricity suppliers in Maryland are required to complete an Annual Compliance Report that shows their compliance with the renewable energy requirements that are set forth in the RPS Legislation. The Annual Compliance Report Forms required by COMAR 20.61.04.02 are due from electricity suppliers on April 1, 2007. These annual reports serve to show the amount of RECs needed for the supplier's RPS Tier 1 and Tier 2 compliance and the fees that are associated with any RPS obligation shortfalls.

The Annual Compliance Forms are accompanied with a calculation table so that it is easier for applicants to cite their method of meeting the RPS or to calculate their compliance obligation shortfall. A straightforward compliance fee calculation can be completed through the instructions on the form. Future plans for this form include an electronic version of the calculation tables being posted on the RPS website. In doing so, the potential for calculation errors would be decreased. Any compliance fee payments will be due to the Maryland Renewable Energy Fund after the annual reports are received and processed.

V. Conclusions, Observations

The Maryland Renewable Portfolio Standard is up and running. The conclusion of 2006 brought about a significant response from electricity generating units and suppliers. A significant number of generating units were certified with the Commission as renewable energy

facilities and began creating RECs. Applications for retroactive RECs were received and approved with the last filing date passing on May 29, 2006.

With the beginning of 2007, no forthcoming problems with the implementation of the RPS program are anticipated. The PJM GATS system has been effective at creating a REC market and facilitating trades among various suppliers and generators. The results of calendar year 2006 compliance reports will provide information on the amount of funds that will be available to create new renewable projects.

The Commission looks forward to receiving 2006 compliance reports from electricity suppliers on or before April 1, 2007. When these reports become available, the Commission will be better able to gauge the success of the program, in encouraging the development of additional renewable energy resources.

Appendix A – Electricity Supplier List (as of January 16, 2007)

Supplier Name	Address	Website	State of Formation
Affiliated Power Purchasers International, LLC.	224 Phillip Morris Dr. Salisbury, MD 21804	www.appienergy.com	DE
Allegheny Energy Supply	800 Cabin Hill Dr. Greensburg, PA 15601	www.alleghenyenergysupply.com	DE
American PowerNet Management, L.P.	867 Berkshire Blvd, Suite 101 Wyomissing, PA 19610	www.americanpowernet.com	PA
AOBA Alliance, Inc.	1050 17th Street, N.W., Suite 300 Washington, DC 20036	www.aoba-metro.org	DC
BGE Home Products and Services, Inc. also d/b/a BGE Commercial Building Systems	7161 Columbia Gateway Drive Columbia, MD 21046	www.bgehome.com	MD
BlueStar Energy Services	363 W. Erie St., Suite 700 Chicago, IL 60610	www.bluestarenergy.com	IL
BOC Energy Services, Inc.	575 Mountain Avenue Mary Hill, NJ 07974	www.boc.com	DE
Bollinger Energy Corporation	2833 O'Donnell Street Baltimore, MD 21224	www.bollingerenergy.com	
BTU Energy, LLC	1414 Key Highway, Suite G Baltimore, MD 21230	WWW.BTUENERGY.NET	MD
Co-eXprise, Inc.	6000 Brooktree Road, Suite 200 Wexford, PA 15090	www.co-exprise.com	DE
Co-eXprise,Inc.	6000 Brooktree Road, Suite 200 Wexford, PA 15090	www.co-exprise.com	DE
Commerce Energy, Inc.	600 Anton Boulevard, Suite 2000 Costa Mesa, CA 92626	www.commerceenergy.com	CA
Competitive Energy Services-Maryland, LLC	148 Middle Street, Suite 506 Portland, ME 04101		ME
Consolidated Edison Solutions, Inc.	701 Westchester Avenue White Plains, NY 10604	www.conedsolutions.com	NY
Constellation Energy Projects and Services Group, Inc.	7133 Rutherford Road, Suite 401 Baltimore, MD 21244	www.CESOURCE.com	DE

Appendix A – Electricity Supplier List as found in the PSC database (continued)

Supplier Name	Address	Website	State of Formation
Constellation NewEnergy, Inc.	111 Market Place, Suite 1200 Baltimore, MD 21202	www.newenergy.com	DE
CQI Associates, LLC	P.O. Box 825 Columbia , MD 21044	www.cqiassociates.com	MD
Direct Energy Services, LLC	7315 Wisconsin Ave., East Tower Suite 310 Bethesda, MD 20814	www.directenergy.com	DE
Dominion Retail, Inc.	P.O. Box 298 Pittsburgh, PA 15230	retail.dom.com	DE
Downes Associates, Inc.	2129 Northwood Drive Salisbury, MD 21801-7858	www.downesassociates.com	MD
DTE Energy Trading, Inc.	414 S. Main St., Suite 200 Ann Arbor, MI 48104	dteenergy.com	MI
Eastern Shore of Maryland Educational Consortium Energy Trust dba ESMEC Energy Trust	202 Chesterfield Avenue Centerville, MD 21617	www.esmec.org	MD
Econnergy Energy Company	286 North Main Street Spring Valley, NY 10977	www.econnergy.com	NY
Energy Options, LLC	224 East 39th Street Baltimore, MD 21218	www.energyoptionsllc.com	MD
Energy Services Management, LLC d/b/a Maryland Energy Consortium	7111 Park Heights Ave Unit 902 Baltimore, MD 21215	www.saveonmdenergy.com	MD
Energy Services Provider Group, LLC	800 North Charles Street, Suite 350 Baltimore, MD 21201	www.energyservices.net	DE
EnergyWindow, Inc.	1900 Folson St, Suite 207 Boulder, CO 80302	www.energywindow.com	
Enspire Energy, LLC	229 W. Bute St., Suite 320 Norfolk, VA 23510		DE
essential.com, inc.	Three Burlington Woods Drive, 4th Floor Burlington, MA 01803	www.essential.com	DE
FirstEnergy Solutions Corp	395 Ghent Road Suite 407 Akron, OH 44333	www.FirstEnergysolutions.com	OH

Appendix A – Electricity Supplier List as found in the PSC database (continued)

Supplier Name	Address	Website	State of Formation
Glacial Energy, Inc.	2701 N. Dallas Pkwy, Suite 120 Plano, TX 75093	www.glacialenergy.com	NV
Hess Corporation	One Hess Plaza Woodbridge, NJ 07095	www.hess.com	VA
Hess Corporation	One Hess Plaza Woodbridge, NJ 07095	www.hess.com	DE
HIS Power & Water LLC	8660-16 Cherry Lane Laurel, MD 20707	www.hispower.com	
Horizon Power & Light, LLC	800 Bering Dr., Suite 250 Houston, TX 77057	www.horizonpowerco.com	MD
Liberty Power Corp, LLC	800 W. Cypress Creek Rd., Suite 330 Fort Lauderdale, FL 33309	www.libertypowercorp.com	DE
Liberty Power, MD, LLC	800 W. Cypress Creek Rd., Suite 330 Fort Lauderdale, FL 33309	www.libertypowercorp.com	DE
Market Direct LLC d/b/a mdenergy	Two Stamford Landing, 68 Southfield Ave, Ste 215 Stamford, CT 06902	www.marketdirectenergy.com	CT
MeadWestvaco Energy Services, L.L.C.	One High Ridge Park Stamford, CT 06905		DE
Metromedia Power, Inc.	2000 West Park Ave, Suite 125 Westborough, MA 01581	www.metromediaenergy.com	
Mid Atlantic Renewables, LLC	191 Main Street Annapolis, MD 21401	www.marsh.com	MD
MidAmerican Energy Company	320 Le Claire, P.O. Box 4350 Davenport, IA 52808-4350	www.midamericanchoice.com	IA
Mid-Atlantic Aggregation Group Independent Consortium, L.L.C. d/b/a MAAGIC	171 Conduit Street Annapolis, MD 21401	mdretail@aol.com	MD
Mirant Americas Energy Marketing, LP.	1155 Perimeter Center West Atlanta, GA 30338	www.Mirant.com	
Mona Building Technologies, LLC	7915 Malcolm Rd. Clinton, MD 20735	www.mona.com	MD

Appendix A – Electricity Supplier List as found in the PSC database (continued)

Supplier Name	Address	Website	State of Formation
National Energy Consortium, LLC	4423 Lehigh Road, Suite #488 College Park, MD 20740	www.necmaryland.com	MD
OHMS Energy Company, LLC	300 Reisterstown Rd., Suite 110 Baltimore, MD 21208	www.ohmsenergy.com	GA
Pepco Energy Services, Inc., also d.b.a. Conectiv Energy Services	1300 North 17th Street, Suite 1600 Arlington, VA 22209	www.pepcoenergy.com	DE
Premier Energy Group	1275 Bound Brook Rd, Suite 6 Middlesex, NJ 08846	www.premierenergygroup.com	NJ
Premier Power Solutions, LLC	289 Nutt Road Grove City, PA 16127	www.premierpowersolutions.com	DE
QVINTA, Inc.	P.O. Box 1826 Waldorf, MD 20604-1826	www.qvinta.com	MD
Reliant Energy Solutions East, LLC	300 East Lombard Street, Suite 1430 Baltimore, MD 21202	www.reliant.com	DE
Richards Energy Group, Inc.	3901 Nolt Road, Building #1 Landisville, PA 17538	www.richardsenergy.com	PA
Select Energy, Inc.	107 Selden Street Berlin, CT 06037-1616	www.selectenergy.com	CT
Sempra Energy Solutions	581 Main Street, 8th Floor Woodbridge, NJ 07095	www.semprasolutions.com	CA
SmartEnergy.com, Inc.	200 Unicorn Park Drive, First Floor Woburn, MA 01801	www.smartenergy.com	
Smith Energy, L.L.C.	25 Oakhampton Drive Lutherville, MD 21093	www.smith-energy.com	MD
South Jersey Energy Company	1 S. Jersey Plaza Folsom, NJ 08037	www.sjindustries.com	NJ
South River Consulting	1414 Key Highway, Suite L Baltimore, MD 21230	www.sriverconsulting.com	MD
Strategic Energy, LLC	Two Gateway Center, 9th Floor Pittsburgh, PA 15222	www.sel.com	DE

Appendix A – Electricity Supplier List as found in the PSC database (continued)

Supplier Name	Address	Website	State of Formation
Suez Energy Resources NA, Inc.	1990 Post Oak Boulevard, Suite 1900 Houston, TX 77056	www.suezenergyresources.com	DE
The New Power Company	IBM Global Services, 8501 IBM Drive, 201/2cc36/MG38 Charlotte, NC 28262-4333	www.newpower.com	DE
Trigen-Baltimore Energy Corporation	One North Charles Street Baltimore, MD 21201	www.trigen.com	MD
UGI Energy Services, Inc.	1100 Berkshire Blvd, Suite 305 Wyomissing, PA 19610	www.ugienergyservices.com	PA
UtiliTech, Inc.	975 Berkshire Blvd, Suite 100 Wyomissing, PA 19610	www.utilitech.com	PA
Washington Gas Energy Services, Inc.	13865 Sunrise Valley Drive, Suite 200 Herndon, VA 20171	www.wges.com	DE
World Energy Solutions, Inc	446 Maine Street, 14th Floor Worcester, MA 01608	www.worldenergysolutions.com	DE
WPS Energy Services, Inc.	1716 Lawrence Dr. DePere, WI 54115	www.wpsr.com	WI

Appendix B: Renewable Energy Facilities Certified with the Maryland RPS (as of 12/31/2006)

Certification Date	MD REF Number	Facility Name	Location State	Rated Capacity
11/23/2005	MD-30010-BLQ-01	MeadWestVaco	VA	27.6
11/23/2005	MD-30011-BLQ-01	Luke Paper Company	MD	65.0
11/23/2005	MD-40018-LFG-01	Mallard Lake Electric	IL	25.0
11/23/2005	MD-40019-LFG-01	Rockford Electric	IL	2.0
11/23/2005	MD-40020-LFG-01	South Barrington Electric	IL	1.6
11/23/2005	MD-40021-LFG-01	Richmond Electric	VA	3.0
11/23/2005	MD-40022-LFG-01	Quad Cities	IL	2.0
11/23/2005	MD-40023-LFG-01	Arbor Hills	MI	25.0
11/23/2005	MD-40024-LFG-01	Charlotte Motor Speedway	NC	5.3
11/23/2005	MD-40025-LFG-01	C&C Electric	MI	3.0
11/23/2005	MD-40026-LFG-01	Lyon Development	MI	5.0
11/23/2005	MD-30010-WDS-01	MeadWestVaco	VA	4.2
12/14/2005	MD-30012-WDS-01	Primary Power International	MI	18.0
1/4/2006	MD-30013-WDS-01	Cadillac Renewable Energy	MI	39.6
1/25/2006	MD-80001-MSW-02	Northeast Maryland Waste Disposal Authority	MD	10.0
1/25/2006	MD-80001-MSW-02	Northeast Maryland Waste Disposal Authority	MD	68.0
3/8/2006	MD-30100-BLQ-01	Escanaba	MI	39.1
3/8/2006	MD-40100-LFG-01	Chestnut Ridge Gas Recovery Facility	TN	3.2
3/8/2006	MD-40101-LFG-01	Lake Gas Recovery Facility	IL	9.3
3/8/2006	MD-45100-LFG-01	Middlesex Generating Company, LLC	NJ	22.3
3/8/2006	MD-45100-LFG-01	Middlesex Generating Company, LLC	NJ	22.3
3/8/2006	MD-80002-MSW-02	Wheelabrator Falls, Inc.	PA	52.6
3/8/2006	MD-80003-MSW-02	Wheelabrator Gloucester Co., Inc.	NJ	14.0
3/8/2006	MD-80101-MSW-02	Wheelabrator Balt LP Gen Facility	MD	60.2
3/8/2006	MD-90100-WAT-02	Safe Harbor Water Corp Facility	PA	352.1
3/8/2006	MD-90101-WAT-02	Lake Lynn Power Station	WV	51.2
3/8/2006	MD-90102-WAT-01	PE Hydro (AP Misc Hydro H-1)	WV	6.0

Appendix B: Renewable Energy Facilities Certified with the Maryland RPS (continued)

Certification Date	MD REF Number	Facility Name	Location State	Rated Capacity
3/8/2006	MD-30100-WDS-01	Escanaba	MI	23.7
3/15/2006	MD-40102-LFG-01	Greene Valley Gas Recovery Facility	IL	9.3
3/15/2006	MD-40103-LFG-01	Edge Moor Unit 3	DE	75.0
3/15/2006	MD-40104-LFG-01	Edge Moor Unit 4	DE	177.0
3/15/2006	MD-40105-LFG-01	Edge Moor Unit 5	DE	446.0
3/15/2006	MD-40106-LFG-01	Fairless Hills Facility	PA	60.0
3/15/2006	MD-80100-MSW-02	Montenay Montgomery LP Facility	PA	32.1
3/29/2006	MD-90103-WAT-01	Piney	PA	9.6
3/29/2006	MD-90104-WAT-01	Deep Creek	MD	9.6
3/29/2006	MD-90105-WAT-01	Allens Falls	NY	3.9
3/29/2006	MD-90106-WAT-01	Baldwinsville	NY	0.6
3/29/2006	MD-90107-WAT-01	Beardslee	NY	16.9
3/29/2006	MD-90108-WAT-01	Beebee Island	NY	8.8
3/29/2006	MD-90109-WAT-01	Belfort	NY	2.1
3/29/2006	MD-90110-WAT-01	Bennetts Bridge	NY	28.9
3/29/2006	MD-90111-WAT-01	Black River	NY	6.8
3/29/2006	MD-90112-WAT-01	Blake	NY	14.4
3/29/2006	MD-90113-WAT-01	Browns Falls	NY	15.8
3/29/2006	MD-90114-WAT-01	Chasm Falls	NY	3.8
3/29/2006	MD-90115-WAT-01	Colton	NY	29.1
3/29/2006	MD-90116-WAT-01	Deferiet	NY	10.6
3/29/2006	MD-90117-WAT-01	E.J. West	NY	20.6
3/29/2006	MD-90118-WAT-01	Eagle	NY	5.5
3/29/2006	MD-90119-WAT-01	East Norfolk	NY	3.6
3/29/2006	MD-90120-WAT-01	Eel Weir	NY	1.9
3/29/2006	MD-90121-WAT-01	Effley	NY	2.9
3/29/2006	MD-90122-WAT-01	Elmer	NY	1.8

Appendix B: Renewable Energy Facilities Certified with the Maryland RPS (continued)

Certification Date	MD REF Number	Facility Name	Location State	Rated Capacity
3/29/2006	MD-90123-WAT-01	Ephratah	NY	1.2
3/29/2006	MD-90124-WAT-01	Feeder Dam	NY	24.6
3/29/2006	MD-90125-WAT-01	Five Falls	NY	22.9
3/29/2006	MD-90126-WAT-01	Flat Rock	NY	5.3
3/29/2006	MD-90127-WAT-01	Franklin Falls	NY	2.1
3/29/2006	MD-90128-WAT-01	Fulton	NY	1.0
3/29/2006	MD-90129-WAT-01	Glenwood	NY	1.0
3/29/2006	MD-90130-WAT-01	Granby	NY	9.9
3/29/2006	MD-90131-WAT-01	Hannawa	NY	7.5
3/29/2006	MD-90132-WAT-01	Herrings	NY	4.6
3/29/2006	MD-90133-WAT-01	Heuvelton	NY	0.9
3/29/2006	MD-90134-WAT-01	High Falls	NY	5.6
3/29/2006	MD-90135-WAT-01	Higley	NY	6.3
3/29/2006	MD-90136-WAT-01	Hogansburg	NY	0.3
3/29/2006	MD-90137-WAT-01	Hydraulic Race	NY	2.8
3/29/2006	MD-90138-WAT-01	Inghams	NY	6.3
3/29/2006	MD-90139-WAT-01	Johnsonville	NY	2.5
3/29/2006	MD-90140-WAT-01	Kamargo	NY	5.3
3/29/2006	MD-90141-WAT-01	Lighthouse Hill	NY	8.2
3/29/2006	MD-90142-WAT-01	Macomb	NY	0.9
3/29/2006	MD-90143-WAT-01	Minetto	NY	6.0
3/29/2006	MD-90144-WAT-01	Moshier	NY	8.2
3/29/2006	MD-90145-WAT-01	Newton Falls	NY	2.0
3/29/2006	MD-90146-WAT-01	Norfolk	NY	4.3
3/29/2006	MD-90147-WAT-01	Norwood	NY	2.2
3/29/2006	MD-90148-WAT-01	Oak Orchard	NY	0.3
3/29/2006	MD-90149-WAT-01	Oswegatchie	NY	1.8

Appendix B: Renewable Energy Facilities Certified with the Maryland RPS (continued)

Certification Date	MD REF Number	Facility Name	Location State	Rated Capacity
3/29/2006	MD-90150-WAT-01	Oswego Falls East	NY	4.1
3/29/2006	MD-90151-WAT-01	Oswego Falls West	NY	1.7
3/29/2006	MD-90152-WAT-01	Parishville	NY	2.3
3/29/2006	MD-90153-WAT-01	Piercefield	NY	2.9
3/29/2006	MD-90154-WAT-01	Prospect	NY	18.1
3/29/2006	MD-90155-WAT-01	Rainbow	NY	23.7
3/29/2006	MD-90156-WAT-01	Raymondville	NY	2.1
3/29/2006	MD-90157-WAT-01	Schaghticoke	NY	12.5
3/29/2006	MD-90158-WAT-01	Schuylerville	NY	1.6
3/29/2006	MD-90159-WAT-01	Sewalls	NY	2.3
3/29/2006	MD-90160-WAT-01	Soft Maple	NY	10.9
3/29/2006	MD-90161-WAT-01	South Colton	NY	19.8
3/29/2006	MD-90162-WAT-01	South Edwards	NY	3.2
3/29/2006	MD-90163-WAT-01	Stark	NY	24.2
3/29/2006	MD-90164-WAT-01	Sugar Island	NY	4.1
3/29/2006	MD-90165-WAT-01	Talcville	NY	0.4
3/29/2006	MD-90166-WAT-01	Taylorville	NY	4.3
3/29/2006	MD-90167-WAT-01	Trenton	NY	18.9
3/29/2006	MD-90168-WAT-01	Varick	NY	5.7
3/29/2006	MD-90169-WAT-01	Waterport	NY	2.0
3/29/2006	MD-90170-WAT-01	West Delaware	NY	7.6
3/29/2006	MD-90171-WAT-01	Yaleville	NY	0.6
3/29/2006	MD-90172-WAT-02	School Street	NY	34.8
3/29/2006	MD-90173-WAT-02	Sherman Island	NY	30.8
3/29/2006	MD-90174-WAT-02	Spiers falls	NY	54.0
3/29/2006	MD-90175-WAT-02	Stewarts Bridge	NY	31.3
4/12/2006	MD-40107-LFG-01	I-95 Landfill Phase II Units 1-4 facility	VA	3.2

Appendix B: Renewable Energy Facilities Certified with the Maryland RPS (continued)

Certification Date	MD REF Number	Facility Name	Location State	Rated Capacity
4/12/2006	MD-40108-LFG-01	I-95 Landfill Phase I Units 1-4 facility	VA	3.2
4/12/2006	MD-90176-WAT-02	Conowingo facility	MD	474.0
4/12/2006	MD-90177-WAT-01	Fries Hydroelectric Project	VA	5.4
4/12/2006	MD-90178-WAT-02	Gualey River Power Partners LP	WV	80.0
4/12/2006	MD-30104-WDS-01	Viking Energy of Northumberland	PA	16.2
4/19/2006	MD-90179-WAT-02	Hannibal Hydroelectric facility	WV	37.6
4/26/2006	MD-30101-BLQ-01	Hopewell Mill	VA	25.9
4/26/2006	MD-30101-WDS-01	Hopewell Mill	VA	7.7
4/26/2006	MD-30103-WDS-01	Coshocton Mill	OH	16.5
5/10/2006	MD-30106-BLQ-01	Franklin Mill Facility	VA	36.1
6/7/2006	MD-90180-WAT-01	Allegheny No. 5	PA	9.5
6/7/2006	MD-90181-WAT-01	Allegheny No. 6	PA	8.6
6/7/2006	MD-20100-WND-01	Mendota Hills	IL	50.4
6/28/2006	MD-30102-BLQ-01	Chillecothe Paper Mill	OH	92.8
7/26/2006	MD-40111-LFG-01	Peoples Generating Station	MI	2.4
7/26/2006	MD-40112-LFG-01	Venice Park Generating Facility	MI	0.8
8/9/2006	MD-40109-LFG-01	Westchester	IL	3.5
8/9/2006	MD-40110-LFG-01	Des Plaines	IL	3.5
9/6/2006	MD-90183-WAT-01	Big Shoals Hydro	VA	0.5
9/6/2006	MD-90184-WAT-01	Coleman Falls Hydro	VA	0.5
9/6/2006	MD-90185-WAT-01	Holcomb Rock Hydro	VA	0.6
9/6/2006	MD-90186-WAT-01	Snowden Falls Hydro Site	VA	0.5
9/13/2006	MD-90182-WAT-01	Conemaugh Hydro	PA	15.0
10/18/2006	MD-40113-LFG-01	DSWA Central Solid Waste Management Center Facility	DE	3.0
10/18/2006	MD-40114-LFG-01	DSWA Southern Solid Waste Management Center Facility	DE	4.0
10/25/2006	MD-20101-WND-01	Somerset Windpower LLC	PA	9.0
10/25/2006	MD-20102-WND-01	Backbone Mountain Windpower LLC Facility	WV	66.0

Appendix B: Renewable Energy Facilities Certified with the Maryland RPS (continued)

Certification Date	MD REF Number	Facility Name	Location State	Rated Capacity
10/25/2006	MD-20103-WND-01	Mill Run Windpower LLC Facility	PA	15.0
10/25/2006	MD-20104-WND-01	Waymart Wind Farm LP	PA	64.5
11/1/2006	MD-80102-MSW-2	SPSA Waste to Energy Facility	VA	60.0
11/22/2006	MD-30105-WDS-01	Craven County Wood Energy LP	NC	50.0
11/22/2006	MD-30107-WDS-01	Pittsylvania Power Station	VA	83.0

Key for MD Renewable Energy Facility Number:

MD-11111-FUE-01 **–** denotes the state for which the RPS certification applies.
MD-**11111**-FUE-01 – is the facility ID issued used for identification by the MD PSC.
MD-11111-**FUE**-01 – is the three-digit fuel code. These are codes that appear on the Form EIA-860.
MD-11111-FUE-**01** – states whether the facility is eligible for Tier 1 or Tier 2 REC creation.

Key for the fuel sources listed on Chart 2 and the MD REF Number:

BLQ – Black Liquor
LFG – Landfill Gas
MSW – Municipal Solid Waste
WAT – Hydroelectric
WDS – Wood/Wood Waste Solids
WND – Wind