Virginia Residential and Commercial Solar and Wind Incentive Program

Updated 9/16/10

This document contains terms and conditions and other important information. You must read and agree to comply with these terms in order to be eligible for a rebate.

Program description and background:

The Virginia Department of Mines, Minerals and Energy (DMME), Division of Energy will provide $15 million in rebates for renewable energy systems to retrofit homes and commercial property This initiative will also help Virginians gain experience and exposure to solar and wind power technologies and to help grow the industry in Virginia.

Funding for this program is made available through the **American Recovery and Reinvestment Act (ARRA)**. A total of $15 million will be made available for solar thermal, solar electric and small wind power systems that meet certain criteria. The level of support for individual rebates is detailed below. **In no case may a rebate exceed the actual allowable installed cost of a renewable energy system. Property owners who chose to install their own systems in lieu of hiring a contractor may not charge for their time.**

The source of rebate funds is the American Recovery and Reinvestment Act (ARRA), Funding Opportunity Number: DE-FOA-0000052, CFDA Number: 81.041, State Energy Program (SEP). The purpose of these funds is to:

- Stimulate the creation or increase retention of jobs
- Increase energy efficiency to reduce energy costs and consumption for consumers, businesses and government.
- Reduce reliance on imported energy.
- Increase energy generation from renewable sources
- Reduce greenhouse gas (GHG) emissions and reduce the impacts of energy production and use on the environment
- Leverage non-federal funds to maximize the effectiveness of ARRA funds

General and Special Terms and Conditions:

Applicant must acknowledge reading and agree to comply with all terms and conditions before proceeding to reserve funds or later to claim rebate funds for eligible measures. The general and special terms include:

- Applicant shall hold the Commonwealth of Virginia harmless from any and all claims, demands, and actions based upon or arising out of any purchases of goods or services performed by applicant or by applicant's agents.

- Applicant agrees to assume all risks of loss and to indemnify and hold the Department of Mines, Minerals and Energy (DMME), the Commonwealth of Virginia and its officers, agents and employees, harmless from and against any and all liabilities, demands, claims, damages, suits, costs, fees, and expenses, incidents thereto, for injuries or death to persons and for loss of, damage to, or destruction of property because of the applicant's negligence, intentional acts or omissions. In the event of any demand or claim, DMME or the Commonwealth of Virginia may elect to defend any such demand or claim and will be entitled to be paid by the applicant for all damages.

- A rebate recipient is subject to audit by the state and federal government at any time up to five years after receiving a rebate funded by the American Recovery and Reinvestment Act. Recipient agrees to retain records for five years, provide access to records and the property where improvements were made and to cooperate if selected for audit. Authority for audits is covered in part under Section 1515(a) of the Recovery Act.

- The Applicant is responsible for monitoring the program website and Frequently Asked Questions at http://www.dmme.virginia.gov/DE/ARRA-Public/SolarWindProgram.shtml to learn about possible program changes and to receive notifications and guidance on all aspects of the program.

- It is the intent of DMME to pay rebates in a timely manner, usually no more than four to six weeks after the program administrator has received an applicant's rebate request and approved the applicant's documentation of work, costs and eligibility.

- The Applicant agrees to comply with all applicable local, state and federal building, fire and safety codes and regulations, including but not limited to obtaining a building, electrical, plumbing or other permits as required, observing zoning requirements, complying with all homeowner association covenants, and consulting with local, state or federal safety and regulatory officials as needed.

- The Applicant must obtain approval in advance before making material changes to or changes that could impact historical structures. This guidance applies to all rebate projects regardless of the age of your property. Should the Department of Historic Resources determine your renewable energy project poses an adverse impact on a historic property (yours **or** surrounding properties), you are at risk of not qualifying for a rebate using federal ARRA funds. **Please submit your project for review by the Department of Historic Resources before starting it.** Additional information and the Project Review Application is available on the Virginia Solar and Wind Rebate Program website.

- DMME will calculate deemed energy and environmental benefits and other potential impacts of equipment and measures that receive rebates. However, on a random basis some applicants for up to two years after the date when the program first accepts reservations for rebates will be asked to provide additional information to assist DMME to document and validate actual benefits of renewable energy equipment and measures. Applicant agrees to participate if selected and agrees that the rebate received from DMME is fair compensation for reasonable time and effort to participate, if selected.

- Applicant assumes full risk and responsibility for all purchases of goods or services and agrees that applicant is solely responsible for decisions to make purchases that might be ineligible for a rebate under this program.

- The Applicant agrees to permit public disclosure of information. The federal legislation that funded this program requires transparency and public disclosure of how funds are managed, awarded and spent. Information about how and where individual rebates were awarded and spent could be publicly disclosed in some manner, including disclosure on government websites, news reports or as a result of requests under the Freedom of Information Act.

- The Applicant agrees that the program may be modified, suspended or discontinued by DMME at any time without notice.

- The Applicant agrees that funds reserved by applicant must be claimed within the allowable timeframe indicated in the reservation approval notification or applicant's reservation and access to those reserved funds will be cancelled. If this occurs, applicant will have no greater claim on available funds than any other eligible applicant; applicant will have to reapply on a first-come, first served basis. DMME reserves the right to grant limited extensions on a case-by-case basis.

- The Applicant understands that rebates will be reserv**e**d and distributed on a first-**c**ome, first-served basis until funds are depleted and that it will be necessary for DMME occasionally to suspend the reservation process temporarily to determine the availability of funds that were reserved but not claimed within the allotted timeframe. The Applicant is advised to consult with and require vendor(s) or contractor(s) to first confirm in writing that vendor(s) or contractor(s) will provide services, equipment, materials and other items that are eligible for rebates and provide all documentation needed by the applicant to qualify for rebate(s) under this program BEFORE agreeing to purchase services, equipment, materials or other items. **The applicant and their contractor(s) or vendor(s) are solely responsible for ensuring the project can be completed within the allotted timeframe.**

- The Applicant agrees to provide all documentation required to qualify for a rebate and to submit required documentation in a manner consistent with rebate program instructions. Documentation shall be attached to a form that applicant will print out at when redeeming their rebate that will include a unique barcode identifier to facilitate processing by

DMME. Documentation requirements vary by measure and include, but are not limited to, the following items:

- All renewable energy measures require copies of detailed receipts or invoices. **These must provide sufficient proof that the renewable energy system was purchased and installed on or after June 26, 2009** and include adequate information to identify the contractor and the equipment or services for which a rebate is sought. Minimum information includes identification of the equipment or services, including the exact brand and model number of equipment and a detailed description of services. Documentation must be provided on the invoice and by attaching specification sheets to demonstrate that equipment and services meet the minimum standards of the program.
- Applicants must provide a copy of all building, electrical or plumbing permits and copies of the final approved inspection report from your local building code inspector, or a written statement from the local building officials that permits and subsequent inspections are not required in that locality.
- Grid interconnected, or "net metered" systems must submit a copy of the Net Metering Interconnection Notification as submitted to their local electric utility.
- Solar thermal applicants must provide documentation that their system meets SRCC certification standards detailed below.
- Applicants receiving a rebate must provide documentation that the system meets all applicable standards as detailed below for each technology
- Applicants must provide one or more photographs of the installation. These should be clear and should show as much of the system as possible, including all major system components. **Photos should program administrators to graphically verify the number of system components for which a rebate is being requested.**
- If Recipient is a business or organization, your contractor must provide to DMME **original** weekly prevailing-wage rate/payroll (Davis-Bacon) documentation (this is a U.S. Department of Labor requirement). A sample payroll form is available at: http://www.dol.gov/whd/forms/wh347.pdf
- Copy of Virginia Department of Historic Resources (DHR) **Project Review Application** required pursuant to the National Historic Preservation Act (www.dmme.virginia.gov/DE/ARRA-Public/HistoricProperties.shtml) signed by the DHR and indicating "**No historic properties affected**" or "**No adverse impact**".
- Applicants must complete and submit the **Program Certification Worksheet**. This must be signed by both the property owner and their contractor (if applicable). This worksheet will be available when redeeming your rebate, and is also available at http://www.dmme.virginia.gov/DE/ARRA-Public/SolarWindProgram.shtml.

- Eligibility for a federal tax credit does not guarantee eligibility for a Virginia rebate. Eligibility for a Virginia rebate does not guarantee eligibility for a federal tax credit.

- None of the funds provided under this program derived from the American Recovery and Reinvestment Act of 2009 may be used for or in relation to:

    - Casinos or other gambling establishments, aquariums, zoos, golf courses, **or swimming pools.**

    - Equipment to conduct research, development or demonstration of energy efficiency or renewable energy techniques and technologies not commercially available.

    - Renewable energy projects for selling power in the wholesale market.

- Applicant certifies that he or she at all times will be completely truthful, that no documentation of work or expenses will be altered, manufactured or falsely represented and that no rebate will be claimed in a manner or fashion that does not comply with program requirements.

- Only property with a physical Virginia address (no post office boxes) is eligible for renewable energy rebates under this program. The rebate maximums per measure and total rebate amount ceilings apply to a single unique physical address. Applicant certifies that he or she has not applied and will not apply for a rebate that would exceed the limits per property by using multiple real or fictitious addresses, multiple real or fictitious applicant names, claiming a residential property as a commercial property, or by any other means or process. A rebate reservation made for a particular property may not later be split among several different properties with different addresses.

- All systems must be installed by qualified individuals in accordance with the standards and specifications of the manufacturers of the components and in compliance with all applicable electrical, plumbing and building codes. Important information on hiring a contractor is available at: What you should know BEFORE hiring a contractor

- Professional contractors doing work in the Commonwealth must be licensed and registered with all relevant agencies to legally perform business in Virginia. Information on contractor licensing and registering Virginia businesses and out-of-state businesses is available at: www.tax.virginia.gov/taxforms/Business/Registration/Registration%20Guide.pdf and http://www.dpor.virginia.gov/dporweb/con_main.cfm.

- **National Environmental Policy Act (NEPA).** All projects receiving financial assistance from DOE must be reviewed under the National Environmental Policy Act (NEPA) of 1969 – 42 U.S.C. Section 4321 et seq. Prior to the award of grant funds, applicants proposing projects that have not received a "categorical exclusion" from NEPA compliance must submit any required information to the Department regarding the potential environmental impacts of the project receiving DOE funds. In general,

installation of small renewable energy systems located on existing buildings or existing facilities can be considered categorically exempt from NEPA. The following are some rough rules of thumb on what could be deemed to be "small renewable energy systems:"

- Photovoltaics – **appropriately sized units on existing rooftops and parking shade structures; or 60kW systems or smaller installed on the ground within the boundaries of an existing facility.**
- Wind turbines – **20kW or smaller.**
- Solar thermal systems - **appropriately sized for residences or small commercial or institutional buildings**.

Individual systems larger than those above may be excluded from NEPA review based on additional information provided by the applicant regarding a specific installation. Very large renewable energy systems (e.g., wind farms) that serve many customers or built on a green field site would definitely not fall within a categorical exclusion; nor would a large facility comprising many small sources. **Installing any renewable energy equipment on a structure more than 50 years old, or that may be deemed a historic structure, or which is adjacent to a historic structure or historic district may require further consideration under the National Historic Preservation Act or other statutes. The Virginia Department of Historic Resources has determined that installing a renewable energy system on <u>any property, historic or not, will require the completion of a "Project Review Application Form", Sections I and III.</u>** Applicant is responsible for complying with the Act and can find additional information, the required **Project Review Application Form** regarding historic properties, and contact information for the Department of Historic Resources at: http://www.dmme.virginia.gov/DE/ARRA-Public/SolarWindProgram.shtml.

When considering the types of projects applicants are requesting funding for, they should be aware that if DOE determines that NEPA requires the preparation of an Environmental Assessment (EA) or Environmental Impact Statement (EIS) for a proposed project, the applicant will be responsible for paying the cost of preparing an EA or EIS. Applicants must know that by proposing projects that exceed the limits for "small renewable energy systems," the NEPA review process could delay approval to proceed. Work cannot begin on such a project while the NEPA review process is under way.

If DOE determines that NEPA requires the preparation of an environmental assessment (EA) or environmental impact statement (EIS) for a project you propose, preparation of these types of NEPA documents can require 6-24 months. A reservation of rebate funds could expire before the environmental reviews and assessments could be completed. DMME reserves the right to deny a reservation of funds for such a project.

While residential-scale systems under this program are likely categorically excluded from any NEPA review, they are NOT excluded from National Historic Preservation Act review as described above!

Eligible Renewable Energy Measures and Equipment:

1. **Residential Solar Photovoltaic Equipment**
    a. Eligibility requirements.
        i. All qualifying solar photovoltaic systems must be installed by qualified individuals in accordance with the standards and specifications of the manufacturers of the components and in compliance with all applicable electrical and building codes.

        ii. Systems interconnected with the utility grid shall meet applicable UL, IEEE, and NEC standards pursuant to Virginia's "net metering" law as detailed at: http://leg1.state.va.us/cgi-bin/legp504.exe?000+reg+TOC20005.HTM#C0315

        iii. All equipment must be **new and commercially available.** Rebates **shall not** be used to repair existing systems.

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    b. Amount of rebate shall not exceed $2,000 per kilowatt of system capacity with maximum system capacity 10 kilowatts. **System capacity is defined as the installed system's predicted peak alternating current (AC) output determined using "PV_{USA} Test Conditions", or PTC output. PTC ratings provide a more realistic measurement of how PV modules behave in real-world conditions and are widely recognized by the solar industry as the best way to compare system performance. THIS NUMBER WILL BE LOWER THAN THE MANUFACTURER'S RATED CAPACITY.**

    The system's predicted peak alternating current (AC) output is calculated as:

    PTC Watts per module x Number of Modules x Inverter weighted efficiency.

    A list of PTC ratings for most modules is available at: http://www.gosolarcalifornia.org/equipment/pv_modules.php. Likewise, a listing of weighted efficiencies for most inverters as determined by a Nationally Recognized Testing Laboratory is available at: http://www.gosolarcalifornia.org/equipment/inverters.php.

    c. Equipment must be **purchased and installed on or after June 26, 2009**, and must meet all other program requirements to be eligible for consideration.

2. **Residential Solar Thermal (air or water)**

    a. Eligibility requirements.

        i. All qualifying solar thermal systems must be installed by qualified individuals in accordance with the standards and specifications of the manufacturers of

the components and in compliance with all applicable electrical, plumbing and building codes.

ii. All solar water and air collectors shall meet the Solar Rating and Certification Corporation's (SRCC) OG-100 rating. Information on SRCC standards and certifications, and the most recent listing of OG-100 certified panels is available at: http://www.solar-rating.org/ratings/ratings.htm.

iii. Transpired solar wall and similar building products which heat air will be evaluated on a case-by-case basis. Transpired solar wall systems anticipated to cost $50,000 and above must provide an engineering review of the proposed project.

iv. All equipment must be new and commercially available. Rebates shall not be used to repair existing systems.

v. All qualifying solar thermal systems must be installed in accordance with the standards and specifications of the manufacturers of the components and in compliance with all applicable electrical, plumbing and building codes.

b. Amount of rebate shall not exceed $1,000 per kilowatt-equivalent.

For the purpose of the rebate, kilowatt-equivalent values shall be determined using the **SRCC OG-100 thermal performance rating** of the particular manufacturer and model of solar panels. The Kilowatt-equivalent capacity shall be determined by using the "Clear Day Rating in Category C" kBtu /day rating found on the SRCC label located on the collector and at the SRCC link below. An example of such a label is shown below. All solar products certified by SRCC are required to be labeled with an approved SRCC certification label within sixty (60) days of receipt of certification. Ratings for solar panels certified by the SRCC are also available at: http://www.solar-rating.org/RATINGS/RATINGS.HTM.

SOLAR SRCC	This product certified by the Solar Rating and Certification Corporation c/o FSEC, 1679 Clearlake Road Cocoa, FL 32922 (321)638-1537 www.solar-rating.org SRCC Document OG-100	Sample Solar Corporation P.O. Box 12345 Anytown, CA 97402 Model No.: Super Sample Gross Area: 3.72 m2 (40.00 ft2) Serial Number: xxxxxxxx	Clear Day Rating in Category C 8.6 kWh/day **29 kBtu/day**

The Clear Day Category C Rating in kBtu (thousand British thermal units) per day rating shall be multiplied by a BTU to kilowatt-hour conversion factor of 0.293, times the number of panels, and then divided by 4.5 - the average annual number of hours of useful sunlight per day - to get the kilowatt-equivalent for the rebate. A qualified

solar professional will be able to calculate the kilowatt equivalent for the purpose of the rebate. The following is an example based on the 29 kBtu/day rating from the SRCC label above for a two-panel solar system:

kBTU/Day	kBTU to kilowatt hours conversion	= kWh per day	x Number of Panels	/ Sun Hours	= System kW Rating
29	**x** 0.293	= 8.497 kWh	**x** 2	/ 4.5	= 3.77 kW equivalent

c. Equipment must be **purchased and installed on or after June 26, 2009** and meet all other program requirements to be eligible for consideration.

3. Residential Small Wind Power Systems

a. Eligibility requirements.

i. Because the small wind industry is in its infancy and because of the large number of new and as-yet untested technologies emerging, **all wind power systems proposed will be evaluated on a case by case basis by DMME and an expert contractor.** Upon approval of a rebate reservation for a wind power system, applicants will be contacted to discuss specifics of their proposed small wind project and shall be provided with additional information and guidance on how to proceed. Applicants will be provided with specific information based on several factors such as their location, rated wind speed and other information sufficient to make an informed decision on whether and how best to proceed.

ii. At a minimum, all wind power systems shall have documented power curves showing actual output at varying wind speeds

iii. All wind power systems shall be installed in areas that are classified as having a Class 2 or greater wind resource. Installations in Class 1 regions will only be considered following analysis by DMME or its contractor that verifies that such an installation would be technically viable and therefore a proper use for federal ARRA funding

iv. All qualifying small wind power systems must be installed by qualified individuals in accordance with the standards and specifications of the manufacturers of the components and in compliance with all applicable zoning and electrical, plumbing and building codes. Important information on hiring a contractor is available at: What you should know BEFORE hiring a contractor

v. Systems interconnected with the utility grid and shall meet applicable UL, IEEE, and NEC standards pursuant to Virginia's "net metering" law as

detailed at: http://leg1.state.va.us/cgi-bin/legp504.exe?000+reg+TOC20005.HTM#C0315

vi. All wind power equipment must be new, commercially available and rebates shall not be used to repair existing systems.

vii. Note that not all localities in Virginia allow the installation of wind turbines or have height, setback, and other zoning issues that may delay or prevent installation of such equipment. DMME reserves the right to deny a reservation of funds in cases where a wind power device is likely to be delayed pending approval of local zoning officials.

b. Amount of rebate shall not exceed $1,500 per kilowatt of rated system capacity. Maximum capacity for residential wind power systems shall not exceed 10 kilowatts in accordance with Virginia's net metering law.

c. Equipment must be **purchased and installed on or after June 26, 2009** and which meet all other program requirements to be eligible for consideration.

d. Information on small wind power systems is available from the American Wind Energy Association at http://www.awea.org/smallwind/smsyslst.html. Information on wind power in Virginia is available at www.windpowerva.org.

4. Commercial Solar Photovoltaic Equipment

a. Eligibility requirements.

i. All qualifying solar photovoltaic systems must be installed by qualified individuals **on a commercial property** in accordance with the standards and specifications of the manufacturers of the components and in compliance with all applicable electrical, plumbing and building codes. Important information on hiring a contractor is available at: What you should know BEFORE hiring a contractor

ii. Systems interconnected with the utility grid and shall meet applicable UL, IEEE, and NEC standards pursuant to Virginia's "net metering" law as detailed at: http://leg1.state.va.us/cgi-bin/legp504.exe?000+reg+TOC20005.HTM#C0315

iii. All equipment must be new and commercially available and rebates shall not be used to repair existing systems.

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b. Amount of rebate: PV rebate schedule for commercial photovoltaic systems is as follows:

- $2.00/watt for the first 10 kilowatts of system capacity
- $1.75/watt for the next 10 kW (11 to 20 kW)

- $1.50/watt for the next 10 kW (21 to 30 kW
- $1.25/watt for the next 10 kW (31 to 40 kW)
- $1.00/watt for each additional Watt up to **maximum of 200 kilowatts** (41 to 200 kW)

System capacity is the system's predicted peak alternating current (AC) output determined using "**P**V_{USA} **T**est **C**onditions", or **PTC** output. **PTC** ratings provide a more realistic measurement of how modules will behave in real-world conditions and is widely recognized by the solar industry as the best way to compare system performance. The system's predicted peak alternating current (AC) output is calculated as: **PTC Watts per module x Number of Modules x Inverter weighted efficiency.**

A list of PTC ratings for most modules is available at: http://www.gosolarcalifornia.org/equipment/pv_modules.php. Likewise, a listing of weighted efficiencies for most inverters as determined by a Nationally Recognized Testing Laboratory is available at: http://www.gosolarcalifornia.org/equipment/inverters.php.

c. Equipment must be **purchased and installed on or after June 26, 2009** and which meet all other program requirements to be eligible for consideration.

d. Ground-mounted PV systems **in excess of 60 kilowatts** are subject to review under the National Environmental Policy Act. Should a determination be made that additional environmental review is necessary, PV projects are in jeopardy of not being completed in the allotted timeframe. DMME reserves the right to deny reservation requests for systems mounted on the ground that exceed 60 kilowatts in capacity.

5. Commercial Solar Thermal (air or water)

a. Eligibility requirements.
   i. All qualifying solar thermal systems must be installed by qualified individuals **on a commercial property** in accordance with the standards and specification of the manufacturers of the components and in compliance with all applicable electrical, plumbing and building codes. Important information on hiring a contractor is available at: What you should know BEFORE hiring a contractor

   ii. All solar water and air collectors shall meet the Solar Rating and Certification Corporation's (SRCC) OG-100 rating. Information on SRCC standards and certifications, and the most recent listing of OG-100 certified panels is available at: http://www.solar-rating.org/ratings/ratings.htm

iii. Transpired solar wall and similar building products which heat air will be evaluated on a case-by-case basis. Transpired solar wall systems anticipated to cost $50,000 and above must provide an engineering review of the proposed project.

iv. All equipment must be new and commercially available Rebates shall not be used to repair existing systems.

v. All qualifying solar thermal systems must be installed in accordance with the standards and specification of the manufacturers of the components and in compliance with all applicable electrical, plumbing and building codes.

b. Amount of rebate shall not to exceed $1,000 per kilowatt-equivalent.

For the purpose of the rebate, kilowatt-equivalent values shall be determined using the **SRCC OG-100 thermal performance rating** of the particular manufacturer and model of solar panels. The Kilowatt-equivalent capacity shall be determined by using the "Clear Day Rating in Category C" kilowatt-hours per panel per day rating for found on the SRCC label located on the collector. An example of such a label is shown below. All solar products certified by SRCC are required to be labeled with an approved SRCC certification label within sixty (60) days of receipt of certification. Ratings for solar panels certified by the SRCC are also available at: http://www.solar-rating.org/RATINGS/RATINGS.HTM.

SOLAR SRCC	This product certified by the Solar Rating and Certification Corporation c/o FSEC, 1679 Clearlake Road Cocoa, FL 32922 (321)638-1537 www.solar-rating.org SRCC Document OG-100	Sample Solar Corporation P.O. Box 12345 Anytown, CA 97402 Model No.: Super Sample Gross Area: 3.72 m2 (40.00 ft2) Serial Number: xxxxxxxx	Clear Day Rating in Category C 8.6 kWh/day **29 kBtu/day**

The Clear Day Category C Rating in kBtu (thousand British thermal units) per day rating shall be multiplied by a BTU to kilowatt-hour conversion factor of 0.293, times the number of panels, and then divided by 4.5 - the average annual number of hours of useful sunlight per day - to get the kilowatt-equivalent for the rebate. A qualified solar professional will be able to calculate the kilowatt equivalent for the purpose of the rebate. The following is an example based on the 29 kBtu/day rating from the SRCC label above for a two-panel solar system:

kBTU/Day	kBTU to kilowatt hours conversion	= kWh per day	x Number of Panels	/ Sun Hours	= System kW Rating
29	**x** 0.293	= 8.497 kWh	**x** 2	/ 4.5	= 3.77 kW equivalent

c. Equipment must be **purchased and installed on or after June 26, 2009** and meet all other program requirements to be eligible for consideration.

6. Commercial Small Wind Power Systems

a. Eligibility requirements.

i. Because the small wind industry is in its infancy and because of the large number of new and as-yet untested technologies emerging, **all wind power systems proposed will be evaluated on a case by case basis by DMME or their consultant.** Upon approval of a rebate reservation for a wind power system, applicants will be contacted to discuss specifics of their proposed small wind project and shall be provided with additional information and guidance on how to proceed. Applicants will be provided with specific information based on several factors such as their location, rated wind speed and other information sufficient to make an informed decision on whether and how best to proceed.

ii. At a minimum, all wind power systems shall have documented power curves showing actual output at varying wind speeds

iii. All wind power systems shall be installed in areas that are classified as having a Class 2 or greater wind resource as indicated by the AWS Truewind wind resource map for Virginia. Installations in Class 1 regions will only be considered following analysis by DMME or its contractor that verifies that such an installation would be viable.

iv. All qualifying small wind power systems must be installed by qualified individuals in accordance with the standards and specification of the manufacturers of the components and in compliance with all applicable zoning and electrical, plumbing and building codes. Important information on hiring a contractor is available at: What you should know BEFORE hiring a contractor

v. Systems interconnected with the utility grid and shall meet applicable UL, IEEE, and NEC standards pursuant to Virginia's "net metering" law as detailed at: http://leg1.state.va.us/cgi-bin/legp504.exe?000+reg+TOC20005.HTM#C0315

vi. All wind power equipment must be new, commercially available and rebates shall not be used to repair existing systems.

vii. Note that not all localities in Virginia allow the installation of wind turbines or have height, setback, and other zoning issues that may delay or prevent installation of such equipment. DMME reserves the right to deny a reservation of funds in cases where a wind power device is likely to be delayed pending approval of local zoning officials.

b. Amount of rebate shall not to exceed $1,500 per kilowatt of rated maximum capacity for small wind power systems.

c. Equipment must be **purchased and installed on or after June 26, 2009** and which meet all other program requirements to be eligible for consideration.

d. Wind power systems **in excess of 20 kilowatts** are subject to review under the National Environmental Policy Act. Should a determination be made that additional environmental review is necessary, PV projects are in jeopardy of not being completer in the allotted timeframe.

e. Information on small wind power systems is available from the American Wind Energy Association at http://www.awea.org/smallwind/smsyslst.html. Information on wind power in Virginia is available at www.windpowerva.org.

7. Under the American Reinvestment and Recovery Act of 2009, the Davis-Bacon Act (DBA) requirements apply to laborers and mechanics employed by contractors and subcontractors on projects funded in-whole or in-part by ARRA. This includes Commercial Renewable Energy Rebates. Laborers and mechanics working on the job site must be paid the prevailing wage rate (including fringe benefits) listed in the Davis Bacon Wage Determination in the contract. Additional points that have been brought to our attention by the U.S. Department of Energy that must be adhered to: Davis Bacon labor standard clauses must be included in covered contracts. Contractors and subcontractors are required to submit weekly payroll records to DMME. **Residential rebates DO NOT need to comply with this section**. Additional information on compliance with the Davis Bacon Wage Act is available at http://www.dmme.virginia.gov/DE/ARRA-Public/DavisBacon.shtml and also at http://www.dol.gov/whd/regs/compliance/whdfs66.pdf.

8. In no case shall a rebate reservation for a particular physical address be transferred to one or more different physical addresses. Likewise, an individual, business or organization may not transfer their approved rebate reservation to another individual, business or organization. If a rebate reservation can not be used at a particular property, the amount reserved for that rebate shall revert back to the fund for award to individuals placed on the reservation wait list.

9. DMME reserves the right to make programmatic changes it believes support the successful implementation of ARRA goals and objectives**.**

10. Because the use of federal ARRA funds is time sensitive, DMME reserves the right to cancel a reservation for rebate funds if it feels a project is not progressing or will not be completed within the time allotted.