



**REQUEST FOR PRE-APPLICATION PROJECT REVIEW**

**MISSOURI ENERGY EFFICIENCY AND RENEWABLE ENERGY CAIR ANNUAL NOx SET-ASIDE**

Potential project sponsors are required to request Pre-Application Project Review by March 31 of the year prior to the year in which the sponsor will apply for an award from the set-aside. For example, if the sponsor plans to apply for an award of 2015 vintage allowances, the sponsor should request a pre-application review by March 31, 2014 and may request the review any time prior to that date. The application would be due March 1, 2015.

Submit to the Missouri Department of Economic Development, Division of Energy, PO Box 1766, Jefferson City, MO 65102; Fax to 573-751-6860; or email to [energy@ded.mo.gov](mailto:energy@ded.mo.gov).

**1. SPONSOR INFORMATION**

|                   |             |
|-------------------|-------------|
| NAME OF SPONSOR   |             |
| CONTACT PERSON    |             |
| CONTACT ADDRESS   |             |
| CONTACT EMAIL     |             |
| CONTACT TELEPHONE | CONTACT FAX |

For out-of-state generation projects: Rule 10 CSR 10-6.362 requires the sponsor of an out-of-state project to be a Missouri electric generation and transmission cooperative, a Missouri electric distribution utility or the affiliate of a Missouri electric distribution utility. If the sponsor is an affiliate, please submit documentation that the sponsor meets the definition of "affiliate" set forth in Missouri 4 CSR 240.010.

**2. PROJECT INFORMATION**

Please attach a description of the project. For aggregate projects, please attach information for each project site.

|   |      |                      |
|---|------|----------------------|
| PROJECT SITE COUNTY   | CITY | STATE / ZIP CODE     |
| PHYSICAL ADDRESS  |      | PROJECT NAME, IF ANY |
| STAND-ALONE OR AGGREGATE PROJECT?<br><input type="checkbox"/> Stand-alone <input type="checkbox"/> Aggregate  |      |                      |
| PROJECT TYPE<br><input type="checkbox"/> Energy efficiency (EE) <input type="checkbox"/> Biomass generation <input type="checkbox"/> Non-biomass renewable generation <input type="checkbox"/> Combined heat and power (CHP)                    |      |                      |
| INITIAL DATE OF PROJECT OPERATION (MUST BE AFTER 9/1/2005 TO BE ELIGIBLE)   |      |                      |
| FIRST CALENDAR YEAR FOR WHICH PROJECT OPERATIONS WILL BE REPORTED AS A BASIS FOR AN AWARD   |      |                      |
| WHAT VINTAGE YEAR OF AWARD WILL BE REQUESTED IN THE APPLICATION?  |      |                      |
| HOW MANY ADDITIONAL ANNUAL AWARDS DO YOU EXPECT TO CLAIM FOR THIS PROJECT?<br><input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 |      |                      |

**3. POTENTIAL CONFLICTING CLAIMS**

Please identify any other party that has an ownership interest in the facility or equipment to be installed at this project site and indicate whether an agreement is in place to assure that duplicate claims for an award from the set-aside will not be submitted.

|                     |   |
|---------------------|---|
| NAME OF OTHER PARTY | AGREEMENT IN PLACE?<br><input type="checkbox"/> YES <input type="checkbox"/> NO |
|---------------------|---|

#### 4A. MEASUREMENT AND VERIFICATION (M&V) - ENERGY EFFICIENCY (EE) OR COMBINED HEAT AND POWER (CHP) PROJECTS

**Identify M&V protocol or guidance document:** Please indicate the M&V protocol or guidance document(s) on which your M&V method(s) are based. Additional M&V protocols and guidance documents may be found at the NOx EE/RE CAIR Set-Aside Web site <http://ded.mo.gov/division-of-energy/financial/missouri-cair-energy-efficiency-and-renewable-energy-set-aside-program>). Please use additional sheets if necessary.

- International Performance Measurement and Verification Protocol (IPMVP)
- U.S. Department of Energy's M&V Guidelines: Measurement and Verification for Federal Energy Projects, Version 3.0.
- New Jersey's Clean Energy Program - Protocols to Measure Resource Savings (2007).
- ASHRAE Guideline 14-2002 – Measurement of Energy and Demand Savings
- Other: \_\_\_\_\_

**Baseline data M&V:** Describe and document the methods used to determine baseline data. For an energy efficiency project, this might include documents such as past energy consumption, rated energy efficiency or billing data that may facilitate review of the baseline.

**Project data M&V:** Describe and document the methods used to measure and verify energy and other post-implementation data. For CHP projects, this should include methods to measure and verify the output of useful heat (in million BTU) and a proposed method for determining the project-specific NOx emissions rate. The project-specific NOx emissions rate will be determined on a project-specific basis by the project sponsor in consultation with the Division of Energy.

#### 4B. MEASUREMENT AND VERIFICATION (M&V) FOR GENERATION PROJECTS

**Metered net generation:** Describe the equipment and methods to be used to meter and report the project's net generation during the calendar year preceding the application for an award.

**Delivery of power to Missouri customers:** The number of allowances awarded to a generation project is to be calculated based on the amount of net generation from the facility that is delivered to Missouri end-use customers. Please describe the proposed method to determine and demonstrate this amount.

**NOx emissions (biomass generation projects only):** Describe the methods proposed to measure and verify or to provide a credible estimate of NOx emissions from the biomass generation project.

**Share of metered net generation (co-fired biomass generation projects only):** If biomass is to be co-fired with other fuels in a conventional combustion process, the net generation attributed to biomass generation is to be estimated as a share of total metered net generation. For conventional combustion processes, share is to be determined based on the ratio of biomass heat input to total heat input. Describe the proposed method to measure and verify biomass heat input and total heat input. If the co-firing will not take place in a conventional combustion process, the method for estimating share will be determined on a case-by-case basis by the project sponsor in cooperation with DED.