

**ACR APPROVAL OF CDM APPROVED METHODOLOGY
AMS-I.C., VERSION 20.0**

“Thermal energy production with or without electricity”

ACR recommends use of ACR’s own published methodologies and tools where available. However, to provide flexibility to Project Proponents, ACR generally accepts the use of CDM methodologies for project registration on ACR.

AMS-I.C., version 20.0 is approved for use on ACR, subject to the following conditions:

1. **CDM applicability conditions and any restrictions apply:** Unless otherwise stated below, any required tools or criteria applicable to registration on CDM apply equally when a CDM methodology is used to register a project on ACR. The following conditions found under Section 2 are clarified/modified as follows:
 - 2.2 – Applicability
 - a. Paragraph 4 – Items (a) and (c) are excluded. Credits will only be granted for avoidance of on-site fossil fuel combustion.
 - b. Paragraph 6 – Greenfield projects, including capacity additions, are excluded. The displaced baseline activity shall be the replacement or retrofit of an existing fossil fuel combustion facility.
 - c. Paragraph 9 – Items (a) and (c) do not apply.
 - d. Paragraph 10 – New facilities (greenfield projects) are not allowable.
 - e. Paragraph 11 – The biomass used for fuel in the project scenario must meet the definition for Sustainable Biomass in the ACR Standard.
 - f. Paragraphs 12 & 13 – The ACR Project Proponent must also comply with all ACR provisions to prevent double counting as stated in the ACR Standard.
 - g. Paragraph 14 – This paragraph shall not apply. The project activity is the displacement of more GHG intensive thermal energy. If biogas is imported from another facility (for example, an anaerobic digester), any emissions associated with, for instance, flaring of additional biogas not combusted at the biogas source, are outside of the project boundary.
 - h. Paragraph 16 – Emission factors shall not apply to charcoal biomass energy generation projects. Emissions associated with these projects shall be quantified per the most recent version of CDM methodology AMS-III.K.
 - i. Paragraph 17 – Does not apply. Biomass from plantations is not an eligible source.
 - 2.3 - Entry into Force
 - a. Paragraph 18 – Does not apply.
2. **Normative References (Section 3):**
 - a. Paragraph 19 – Does not apply.
 - b. Paragraph 20 – The following documents cited in this section are to be considered as follows:
 - (a) “AMS-I.D: Grid connected renewable electricity generation” does not apply.
 - (b) “AMS-I.F: Renewable electricity generation for captive use and mini-grid” does not apply.

(c) “AMS-III.K: Avoidance of methane release from charcoal production by shifting from traditional open-ended methods to mechanized charcoaling process” shall apply per Section 1.h above.

(d) “Tool to calculate project or leakage CO₂ emissions from fossil fuel combustion” shall apply.

(e) “Tool to calculate baseline, project and/or leakage emissions from electricity consumption” - When applying this tool in the United States, ACR requires the application of grid specific emission factors calculated in the U.S. EPA’s eGRID database. Please contact ACR for guidance on the application of this tool. This guidance applies for any other section where the CDM tool is referenced.

(f) “Tool to determine the baseline efficiency of thermal or electric energy generation systems” shall apply.

(g) Tool: “Project emissions from cultivation of biomass” does not apply.

(h) Tool: “Emissions from solid waste disposal sites” does not apply.

(i) Tool: “Project emissions from flaring” does not apply.

(k) Guideline: “Sampling and surveys for CDM project activities and programmes of activities”. – CDM Programme of Activities requirements do not apply. See the ACR Standard for ACR requirements on programmatic projects.

3. **Additionality:** ACR requires that additionality be demonstrated using a performance standard or ACR’s three-pronged additionality test per the current version of the *ACR Standard*. This requires the Project Proponent to demonstrate that the project activity: 1) exceeds regulatory/legal requirements; 2) goes beyond common practice; and 3) overcomes at least one of three implementation barriers: institutional, financial or technical.

4. **Definitions (Section 4)**

a. Paragraph 21 does not apply. See the ACR Standard for appropriate definitions.

5. **Baseline Methodology (Section 5)**

a. General – Where restrictions on applicability or GHG emissions accounting based on Section 1 or 2 of this document apply, only those baseline options in Methodology Section 5.2 complying with these requirements are allowable.

b. Paragraph 23 – Part (f) does not apply.

c. Paragraph 36 – Does not apply.

d. Paragraph 37 – Does not apply.

e. Paragraph 40 – Does not apply.

6. **Global Warming Potentials:** Global warming potentials shall be determined per the current ACR Standard requirements.

7. **Monitoring parameters (Section 6):**

a. General – Where restrictions on applicability or GHG emissions accounting based on Section 1 or 2 of this document apply, only those Data/Parameter tables in Methodology Section 6 complying with these requirements shall apply.

- b. Quality Assurance/Quality Control requirements for flow meters: All flow meters must be serviced/maintained and calibrated per manufacturer specifications and requirements. Each flow meter in use at the project must be checked for reading accuracy within one month of the end of the reporting period. This check must demonstrate that each flow meter is reporting accurately and within an acceptable error range of +/- 5%.
- c. Any references to continuous flow measurement shall mean that measured flow be recorded, at minimum, on 15-minute intervals.
- d. Paragraph 82 – does not apply. CDM Programme of Activities requirements do not apply. See the ACR Standard for ACR requirements on programmatic projects.

8. Miscellaneous:

- a. References to a CDM Project Design Document (PDD) are to be read as a reference to ACR's required Greenhouse Gas Project Plan document.
- b. References to CDM Project are to be read as ACR Project.
- c. The Crediting Period for this project is limited to 10 years, per the requirements of the ACR Standard.