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Technical specification at the project level for assessment of greenhouse gas emission reductions - Power energy substitution projects

基于项目的温室气体减排量评估技术规范 电能替代项目

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

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This document was proposed by the China Electricity Council.

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Technical Specifications for Project-Based Greenhouse Gas Emission Reduction Assessment Electricity replacement projects

1 Scope

This document defines the terms and definitions for evaluating greenhouse gas emission reductions of electricity replacement projects and specifies the greenhouse gas emission reductions of electricity replacement projects.

Emission assessment content (including project boundary and emission source identification, project and baseline scenario determination, emission reduction calculation, monitoring and data quality management) management, preparation of emission reduction assessment reports) and calculation of greenhouse gas emission factors and emissions.

This document applies to the use of electricity to replace carbon dioxide in fossil energy

projects such as coal (charcoal), fuel oil, and gas in the terminal energy consumption stage.

(CO2) emission reduction assessment.

2 Normative references

GB/T 33760-2017

3 Terms and definitions

The terms and definitions defined in GB/T 33760-2017 and the following apply to this document.

3.1

Construction projects implemented in the terminal energy consumption link that use electricity to replace fossil energy consumption methods such as coal (charcoal), fuel oil, and gas.

3.2 Baseline scenario baseline scenario

A hypothetical scenario that could occur if the project is not implemented, used to provide a reference.

[Source. GB/T 33760-2017, 3.4]

3.3 4 Contents of Emission Reduction Assessment

The reduction in greenhouse gas emissions generated by the project over a certain period of time compared with the emissions in the baseline scenario is calculated.

[Source. GB/T 33760-2017, 3.5]

4.1 Overview

The assessment of greenhouse gas emission reductions of electricity replacement projects includes.

a) Project boundaries and emission source identification;