

IEA Bioenergy

WEBINAR SERIES

Methane Emissions from Biogas Plants

Methods for Measurement, Results and Effect on Greenhouse Gas Balance of Electricity Produced

January 18, 2018

4:00 pm - 5:00 pm Central European Time

10:00 am - 11:00am Eastern Time

3:00 p.m - 4:00 pm Greenwich Mean Time



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Edited by Jerry Murphy

Presentation Summary:

The webinar will introduce the new report of IEA Bioenergy Task 37: “*Methane emissions from biogas plants - Methods for measurement, results and effect on greenhouse gas balance of electricity produced*”. The presentation will describe the state of the art methane emission measurements at biogas facilities, as well as advantages and disadvantages of several methods to quantify emissions sources and overall plant emissions. Results of measurement campaigns will be shown, identifying the major sources of methane emissions in biogas plants. The impact of the methane emissions on the overall GHG Balance can be substantial, as will be shown for several plant concepts under standard assumptions. Finally the presentation will discuss mitigation measures to reduce methane emissions and further research demand.

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