MEMORANDUM OF UNDERSTANDING

BETWEEN

THE NATIONAL ELECTRICAL ENERGY AGENCY BRAZIL

AND

THE FEDERAL ENERGY REGULATORY COMMISSION
UNITED STATES OF AMERICA

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In view of the growing and consolidated bilateral cooperation between the Federative Republic of Brazil and the United States of America and in recognition of the benefits that result from the exchange of information about regulatory experiences and practices, the NATIONAL ELECTRICAL ENERGY AGENCY (ANEEL) on the Brazilian side, and the FEDERAL ENERGY REGULATORY COMMISSION (FERC)² on the U.S. side, hereby declare their intentions to cooperate through this Memorandum of Understanding (MOU).

- This MOU identifies topics on which ANEEL and FERC intend to exchange 1. technical information as follows:
 - Experiences and best practices related to the integration into the grid of renewable energy, distributed energy resources and demand response;
 - Smart grid development; b)
 - Monitoring and oversight of wholesale energy markets; c)
 - d) Planning and reliability of the electric system; and
 - e) Energy storage technologies.
- 2. The list of topics above is not exhaustive and ANEEL and FERC may choose to cooperate on other issues of mutual interest.
- Cooperation under this MOU may include, but is not limited to, the following: 3.
 - Sharing technical information on energy issues of mutual interest; a)
 - Joint visits that could include ANEEL, FERC and other regulatory institutions in Brazil and the United States:
 - Meetings, webinars, workshops, teleconferences and/or email c) exchanges;
 - d) Studies that may include the participation of experts from the industrial sector; and
 - Professional training activities. e)
- Nothing contained in this MOU requires either ANEEL or FERC to adopt any measure or take any action with respect to any current or future laws, regulations and/or policy directive applicable to it.

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¹ For further information about ANEEL see http://www.aneel.gov.br/

² For further information about FERC see http://www.ferc.gov/default.asp

- 5. **ANEEL** and **FERC** activities carried out under this MOU are subject to their respective programs and policies, and to each institution's resources and priorities.
- 6. **ANEEL** and **FERC** are responsible for their own resources for the activities stipulated in this MOU. All the activities are subject to budgetary approval by each institution.
- 7. Cooperation under this MOU may continue for an indefinite period.
- 8. Both **ANEEL** and **FERC** may discontinue this MOU at any time and for any reason, and will strive to give the other institution 60 days written notice.

Signed in Brasilia, Brazil, on December 5, 2016, in the English and Portuguese languages.

Colette D. Honorable

Commissioner

On behalf of the Federal Energy Regulatory
Commission

Romeu Donizete Rufino

Director-General

On behalf of the National Electric Energy Agency

Witnesses:

André Penitone da Nóbrega

Director

National Electric Energy Agency

Tiago de Barros Correa

Director

National Electric Energy Agency