

**MEMORANDUM OF UNDERSTANDING**  
**BETWEEN**  
**THE DEPARTMENT OF ENERGY OF THE UNITED STATES OF**  
**AMERICA**  
**AND**  
**THE MINISTRY OF ENERGY AND INDUSTRY OF THE UNITED**  
**ARAB EMIRATES**  
**ON COOPERATION IN THE FIELD OF ENERGY**

**Preamble**

The Department of Energy of the United States of America (DOE) and the Ministry of Energy and Industry of the United Arab Emirates (MOENR) (hereafter each referred to as a "Participant" and collectively as "the Participants"):

NOTING the desire to strengthen the friendly relations that exist between the Participants' countries and to promote the expansion of bilateral cooperation between them based on the principles of equality, mutual benefit, and full respect of sovereignty; and

NOTING that strengthening cooperation between the Participants in the field of energy will benefit the advancement of bilateral relations and cooperation between the two countries,

Have reached the following understanding:

### **Paragraph 1**

#### **Purpose**

The purpose of this Memorandum of Understanding is to create a framework for good-faith cooperation in the field of energy between the Participants, and to facilitate their sharing of technical knowledge, advice, skills, and expertise.

### **Paragraph 2**

#### **Planned Areas of Cooperation**

The planned cooperation between the Participants under this Memorandum of Understanding includes the following areas:

- (a) Conventional and Unconventional Hydrocarbons;
- (b) Carbon Capture Utilization and Storage (CCUS);
- (c) Civil Peaceful Nuclear Energy;
- (d) Energy Efficiency and Renewable Energy;
- (e) Electricity Markets;
- (f) Smart Grid;
- (g) Energy end-use planning (Transport, Industry);
- (h) Energy outlooks; and
- (i) Other subject areas as the Participants may jointly decide.

### **Paragraph 3**

#### **Forms of Cooperation**

The Participants plan to encourage cooperation and collaboration between technical experts at DOE and its national laboratories and at MOENR and its research centers, on mutually beneficial energy-related research and work opportunities in both countries. The forms of cooperation under this Memorandum of Understanding may include the following:

- (a) Exchange of publicly available scientific and technical information;
- (b) Visits and staff exchanges by the Participants' respective staffs to each other's facilities;
- (c) Conduct of workshops and other meetings; and
- (d) Other forms of cooperation as the Participants may jointly decide.

**Paragraph 4**  
**Funding and Applicable Law**

Each Participant is expected to carry out the cooperative activities contemplated by this Memorandum of Understanding subject to the availability of funds and in accordance with the laws, regulations, policies, and procedures of its respective country.

**Paragraph 5**  
**Ministerial Dialogue**

- (a) The Participants intend to convene a Ministerial Dialogue to meet at least once in a year either in the United Arab Emirates or in the United States of America. Each Participant is expected to bear its own internal and external costs incurred in connection with the Ministerial Dialogue meetings.
- (b) Each Participant intends to designate a primary point of contact to coordinate the overall cooperation between the Participants across the areas described in Paragraph 2 ("Coordinators"). The Participants plan to establish Energy Working Groups to develop work plans and coordinate the cooperation between the Participants in the areas described in Paragraph 2. The Working Groups are to be comprised of technical experts from both Participants. The Coordinators and Working Groups are to meet before the annual Ministerial Dialogue meeting and submit their recommendations to the heads of the delegations of the Ministerial Dialogue for consideration.
- (c) The role of the Energy Working Groups is expected to be to identify collaboration opportunities and activities to be conducted under this Memorandum of Understanding. The role of the Coordinators is expected to be to develop the draft agendas for the Ministerial Dialogue meetings in cooperation with the Working Groups.



**Paragraph 6**  
**Commencement, General Considerations, Discontinuation**

- (a) Cooperation under this Memorandum of Understanding may commence on the date of signature.
- (b) Cooperation under this Memorandum of Understanding may continue for five (5) years unless discontinued in accordance with subparagraph (d) of this Paragraph 6.
- (c) This Memorandum of Understanding may be modified at any time in writing with the Participants' mutual consent, and may be extended for additional periods.
- (d) The Participants may discontinue their participation in this Memorandum of Understanding in writing by mutual consent at any time. A Participant that wishes to discontinue its participation in this Memorandum of Understanding should endeavour to provide at least six (6) months advance notice in writing to the other Participant.
- (e) The Participants intend to resolve any question concerning the implementation of this Memorandum of Understanding through consultation.
- (f) While this Memorandum of Understanding constitutes an expression of the Participants' good faith intent to engage in the collaboration described herein, it does not represent a binding legal commitment on the part of either Participant.

Signed at Abu Dhabi, in two originals, this 5<sup>th</sup> day of December 2017, in the English and Arabic languages.

**FOR THE DEPARTMENT OF  
ENERGY OF THE UNITED  
STATES OF AMERICA:**

*Rick Perry*

**FOR THE MINISTRY OF ENERGY  
AND INDUSTRY OF THE UNITED  
ARAB EMIRATES:**

