

Memorandum of Understanding

between

**The Regents of the University of California, as Management and Operating Contractor for
Lawrence Berkeley National Laboratory**

and

Tianjin Energy Professional Training School

Concerning Collaboration in the Field of Energy Efficiency and Low Carbon Development

This Memorandum of Understanding (MOU) is between The Regents of the University of California (The Regents), in its capacity as the manager and operator of the Lawrence Berkeley National Laboratory (LBNL), and the Tianjin Energy Professional Training School (TEPTS). LBNL is a U.S. Department of Energy National Laboratory managed and operated by The Regents pursuant to Contract No. DE-AC02-05CH11231. TEPTS is an independent professional school in Tianjin, China specializing in offering professional training and certification on energy efficiency and low carbon development.

For purposes of this MOU, The Regents and TEPTS are collectively herein referred to as “Participants” or separately as “Participant,”

1. Objective

The objective of this MOU is to explore potential future collaboration between LBNL and TEPTS in the field of energy efficiency and low carbon promotion and capacity building.

2. Proposed Areas of Cooperation

LBNL and TEPTS intend to collaborate on energy efficiency and low carbon development in the following areas:

- A. Low carbon strategies
- B. Energy management and energy system optimization
- C. Energy efficiency measurement protocols and methodologies, harmonized with international practices
- D. Training on energy efficiency technologies and practices.

The scope of above activities and cooperation may be changed or extended to other areas by

written consent of the Participants.

3. Proposed Forms of Cooperation

LBNL and TEPTS expect to cooperate through the exchange of information, visits and exchanges of researchers and experts, facilitation of potential future joint research, with any such future joint research to be undertaken pursuant to an appropriate contract.

4. Proposed Mechanisms of Cooperation

- A. To administer the implementation of this MOU, LBNL and TEPTS should each designate one principal coordinator in charge of the collaboration through whom all requests and plans of that institution should be made.
- B. The designated representatives may hold meetings when necessary to discuss matters related to cooperation under this MOU.
- C. The designated representative for LBNL is the Environmental Energy Technologies Division (EETD) Director, or LBNL designated principal coordinator Bo Shen. The designated representative for TEPTS is Mr. YU Ning or such other representative as TEPTS may designate.

5. Commencement, Modification and Discontinuation

- A. Cooperative activities under this MOU may commence upon signature and continue for a five (5) year period, unless discontinued in accordance with Paragraph B of this Section 5.
- B. The Participants may discontinue this MOU at any time in writing. A Participant that wishes to discontinue its participation in this MOU should endeavor to provide at least thirty (30) days written notice to the other Participant.
- C. This MOU may be modified in writing by mutual consent of the Participants, and may be extended for additional periods.

6. Exchange of Information

The Participants do not anticipate a need to exchange any business-confidential information. If this expectation changes as future projects are developed, the Participants should conclude an appropriate written agreement therefor.

7. General Considerations

- A. This MOU does not create any legally binding obligations.
- B. Each Participant should conduct the activities contemplated by this MOU in accordance with all applicable laws, regulations and other requirements to which it is subject, including, without limitation, export control laws and environment, health and safety laws and regulations.
- C. The conduct of cooperative activities contemplated by this MOU is subject to the availability of funding, personnel, and other resources.

MOU between The Regents of the University of California and Tianjin Energy Professional Training School

- D. Each Participant is to be responsible for the costs it incurs in participating in cooperative activities under this MOU.

Signed in duplicate.

THE REGENTS OF THE UNIVERSITY
OF CALIFORNIA, LAWRENCE
BERKELEY NATIONAL
LABORATORY

TIANJIN ENERGY PROFESSIONAL
TRAINING SCHOOL

By:



By:



Name: Horst Simon

Name: Mr. YU Ning

Title: Deputy Laboratory Director

Title: Executive Director

Date: June 4, 2014

Date: 2014.6.11