

Award Announcement: Indo-U.S. Smart Grids and Energy Storage Program

Recognizing the need to address climate change, ensure mutual energy security, and build a clean energy economy; Government of India and the United States of America agreed to expand the **Indo-U.S. Joint Clean Energy Research and Development Center (JCERDC)** by funding new research in two areas critical to improving the reliability, flexibility and efficiency of the electricity delivery system - **Smart Grids and Energy Storage**. The Union Ministry of Science and Technology, Government of India today announced the selection of the winning Bilateral Consortia project in this area.

The Government of India (through the Ministry of Science and Technology) and the U.S. Department of Energy each expect to award approximately \$1.5 million in the first year of operation, and an additional \$1.5 million per year for a period of five years, with a 50% cost share requirement from the consortium partners which including private sector also. The program will be administered in India by the bilateral Indo-U.S. Science and Technology Forum (IUSSTF) and in the U.S. by the Department of Energy.

Details of the winning consortium:

Title: UI-ASSIST: U.S.-India collAborative for smart diStribution System wLth Storage

Indian Lead: Prof. Suresh C Srivastava, Indian Institute of Technology Kanpur

U.S. Lead: Dr. Noel Schulz, Washington State University, Pullman

Indian Partner Institutions:

1. Indian Institute of Technology, Kanpur
2. Indian Institute of Technology Delhi
3. Indian Institute of Technology Madras
4. Indian Institute of Technology Roorkee
5. Indian Institute of Technology Bhubaneswar
6. TERI, New Delhi
7. BSES Rajdhani Power Ltd., New Delhi
8. UP Power Corporation Limited, Lucknow (UPPCL)
9. NTPC Energy Technology Research Alliance, Greater NOIDA (NETRA)
10. Power Grid Corporation of India Limited, Gurgaon (PGCIL)
11. Customized Energy Solution, Pune (CES-India)
12. GE Global Research, Bengaluru (GE-India)
13. Synergy Systems and Solutions, Gurgaon (Synergy)
14. Mindteck, Bengaluru (Mindteck)
15. Panasonic India Pvt. Ltd., Gurgaon (Panasonic)

U.S. Partner Institutions:

1. Washington State University, Pullman, WA
2. Massachusetts Institute of Technology, Cambridge, MA (MIT)
3. Texas A&M University, College Station, TX (TAMU)

4. Hawaii Natural Energy Institute, Honolulu, HI (HNEI)
5. Snohomish County Public Utility District, Everett, WA (SnoPUD)
6. AVISTA Utilities, Spokane, WA (AVISTA)
7. Burns and McDonnell, Kansas City, MO (B&McD)
8. ETAP, Operation technology, Inc., Irvine, CA (ETAP)
9. National Rural Electric Cooperative Association, Arlington, VA (NRECA)
10. GE Grid Solutions (GE)
11. Clean Energy Storage, Inc., Temecula, CA (CES-USA)
12. ABB Inc, Sugarland, TX (ABB)
13. Philadelphia Navy Yard, Philadelphia, PA (PNY)
14. Idaho National Laboratory, Idaho Falls, ID (INL)
15. Lawrence Berkley National Lab, Berkeley, CA (LBNL)

*The Official Press release by the **United States Department of Energy** can be accessed by [Clicking Here](#).*