ePHASORSIM is a solution for projects that involve power system transient stability simulation. It is used in the testing and integration of EMS/SCADA systems, wide area protection and control schemes, and for training and power system studies. ePHASORSIM’s solver simulates a power grid at a time-step of a few milliseconds to provide transient stability simulation analysis, such as voltage/current magnitude and angle, power transfer, speed of machines. This unique electromechanical transient real-time simulation system enables precise simulation of large-scale networks to perform hardware-in-the-loop (HIL) testing.

PROUD USERS OF ePHASORSIM

North America

USA
- Argonne National Laboratory
- California State University
- Clarkson University
- Clemson University
- Dominion Energy
- Eaton Corporation
- Florida State University
- Global Energy Interconnection Research Institute North America (GEIRINA)
- GE Energy Management
- Hawaii Natural Energy Institute
- Idaho National Laboratory
- Iowa State University
- Lawrence Berkeley National Laboratory
- Michigan Technological University
- MIT Lincoln Laboratory
- National Renewable Energy Laboratory (NREL)
- Naval Facilities Engineering Command (NAVFAC)
- Nebraska Applied Research Institute (NARI)
- New York Power Authority
- North Carolina State University
- Oak Ridge National Laboratory
- Ohio State University
- Oregon State University
- Pacific Northwest National Laboratory
- Resseelaer Polytechnic Institute
- Sandia National Laboratories
- Siemens Corporate Technology, Princeton
- South Dakota State University
- Southern Company
- Texas Tech University
- Tuskegee University
- University of California
- University of Central Florida
- University of Florida
- University of Illinois at Urbana-Champaign
- University of Maryland
- University of Minnesota
- University of Tennessee, Chattanooga
- University of Tennessee, Knoxville
- University of Texas at San Antonio
- University of Wyoming
- Virginia Tech

CANADA
- Concordia University
- Memorial University of Newfoundland
- Opus One Solutions
- University of Alberta
- University of British Columbia
- Universidad Michoacana de San Nicolás de Hidalgo (UMSNH)
- Cinvestav Guadalajara
- Universidad Nacional Autónoma de México (UNAM)

Latin America

BRAZIL
- CEPFL
- Federal University of Santa Maria (UFSM)
- University of Brasilia (UnB)

CHILE
- Universidad de Concepción
- CONE icta Ingeniería

COLOMBIA
- XM
- Universidad de Costa Rica
- Universidad de Costa Rica

ECUADOR
- Escuela Superior Politécnica del Litoral (ESPOL)
- Operador Nacional de Electricidad CENACE

Middle-East & Africa

SOUTH AFRICA
- University of Cape Town (UCT)

QATAR
- Texas A&M University at Qatar
ePHASORSIM | Electro-Mechanical Phasor Toolbox Customers

PROUD USERS OF ePHASORSIM

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- Strossmayer University of Osijek

**CYPRUS**
- KIOS Research Center
- University of Cyprus (KIOS)

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- Fraunhofer IEE
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- OFFIS
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- SINTEF
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**PORTUGAL**
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**SPAIN**
- Instituto Tecnológico de la Energía (ITE)
- Universidad de Loyola

**SWITZERLAND**
- École Polytechnique Fédérale De Lausanne (EPFL)
- Zurich University of Applied Sciences (ZHAW)

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- Brunel University London
- GE Grid solutions
- Imperial College London
- Newcastle University
- University of Sheffield
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**Asia-Pacific**

**AUSTRALIA**
- La Trobe University
- University of Adelaide
- University of New South Wales

**BANGLADESH**
- Chittagong University of Engineering & Technology

**CHINA**
- China Electric Power Research Institute (CEPRI)
- Northeast Dianli University
- Wuhan University

**HONG KONG**
- The Hong Kong Polytechnic University

**INDIA**
- Indian Institute of Technology Delhi
- Indian Institute of Technology Kanpur
- Indian Institute of Technology Patna

**JAPAN**
- Nagoya Institute of Technology (NITECH)
- Tokyo City University (TCU)

**SWITZERLAND**
- École Polytechnique Fédérale De Lausanne (EPFL)
- Zurich University of Applied Sciences (ZHAW)

**TAIWAN**
- Institute of Nuclear Energy Research (INER)
- National Applied Research Laboratories (NARL)
- National Central University
- National Tsing Hua University