

**SIEMENS**

*Ingenuity for life*

# TRAINING CLASS SCHEDULE

## ENERGYIP MDM SOFTWARE AND APPLICATIONS TRAINING

Siemens provides training through its Digital Grid EnergyIP Platform & Applications Training department, which develops and delivers core, self-paced and custom training courses to support the operation, maintenance, and expansion of Digital Grid products.

### **Custom Development**

Tell us how we can help by extending existing courses or developing new ones.

### **Contact Us**

On the web: [siemens.com/learningcloud](https://www.siemens.com/learningcloud)

Email: [sgappstraining.si@siemens.com](mailto:sgappstraining.si@siemens.com)

## Get Trained on EnergyIP Platform and Digital Grid Applications

Find out when the next EnergyIP Certification class will be offered and request enrollment. Listed are other courses that are offered upon request. You can also contact us and inquire about individualized training solutions designed to meet specific business and technical requirements for our customers and partners. Whether you need a course on Billing, System Administration, or other topics related to EnergyIP platform and Digital Grid Applications we can tailor that course for your employees and deliver it onsite or online in a virtual classroom.

TITLE	DESCRIPTION	DATES / LOCATION *	PRICES
Technical Certification - EnergyIP® 8.6	<p>The EnergyIP Certification Program prepares each student to implement EnergyIP and focuses on the following topics:</p> <ol style="list-style-type: none"> <li>1. Synchronization</li> <li>2. Universal AMI Adapter, Device Reads Processor</li> <li>3. Configuration Management, Using the System Console and Reference Data Utility</li> <li>4. Validation, Estimation and Editing (VEE), Framing</li> <li>5. Graphical Editing, Data Delivery</li> <li>6. Reports</li> </ol>	<p>In 2021:</p> <p>19 January 13 April 1 June 24 August 26 October</p> <p>All locations virtual (VILT)</p>	Upon request

The EnergyIP Certification is a hybrid training course and includes on-line, instructor-led and self paced learning. Students will attend eight, three hour virtual instructor-led sessions that meet twice a week. Students also complete assignments on their own and with peers. Assignments will require extensive practice and exercises in the Learning Cloud via each student's own sign-on to a supplied EnergyIP instance. At the end of the class, students take the certification exam that enables them to implement EnergyIP.

### Pre-requisites

Students should have knowledge and/or experience with the following:

- Unix/Linux
- SQL/Oracle Skills
- EnergyIP Experience
- Utility industry experience

TITLE	DESCRIPTION	DATES / LOCATION *	PRICES
Foundations for End Users - EnergyIP® 8.6	<p>EnergyIP Foundations is an instructor-led course that provides Utility users with core EnergyIP concepts and hands-on practice, including the:</p> <ul style="list-style-type: none"> <li>• Preface to Smart Grids</li> <li>• The EnergyIP Solution</li> <li>• High Level Overview of EnergyIP components.</li> <li>• Data Synchronization</li> <li>• Data Collection</li> <li>• Data Delivery</li> <li>• Configuration Tools</li> <li>• Reporting</li> <li>• High Level Overview - Other Apps</li> </ul>	<a href="#">Contact Us</a> / ILT	Upon request
Billing CSR - EnergyIP® 8.6	<p>This course is designed for Utility Billing customer service representatives who need to use EnergyIP meter data management</p> <p>The course provides:</p> <ul style="list-style-type: none"> <li>• overview of the billing process and functionality</li> <li>• Logging in, basic navigation, and search</li> <li>• Reviewing meter data</li> <li>• Validation, validation errors and verify/edit service requests</li> <li>• Editing meter data</li> <li>• Analyze and resolved billing exceptions</li> <li>• Cancel single and multiple months</li> <li>• Device control transactions</li> </ul>	<a href="#">Contact Us</a> / ILT	Upon request
Validation Analyst - EnergyIP® 8.6	<p>This course is designed for Utility validation analysts who need to use EnergyIP meter data management.</p> <p>The course includes:</p> <ul style="list-style-type: none"> <li>• Describe how validation workflow works in EnergyIP</li> <li>• Understand the role of Device Reads Processor in the validation process.</li> <li>• Understand validation in EnergyIP</li> <li>• Understand estimation in EnergyIP</li> <li>• Understand the framing in EnergyIP</li> <li>• Understand and Use EnergyIP Graphical Editing Features</li> <li>• Use EnergyIP to Complete Core validation-Related Tasks</li> </ul>	<a href="#">Contact Us</a> / ILT	Upon request

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System Administration - EnergyIP® 8.6	<p>The goal of the System Administration course is to provide basic knowledge of EnergyIP System Admin functions and ensure smooth operations.</p> <p>Day 1</p> <ul style="list-style-type: none"> <li>• Welcome</li> <li>• Product Overview</li> <li>• Introduction - System Admin Role</li> <li>• System Requirements and Security</li> </ul> <p>Day 2</p> <ul style="list-style-type: none"> <li>• EnergyIP Files and Properties</li> <li>• Performance Monitoring</li> <li>• Performance Issues</li> <li>• Starting and Stopping EnergyIP</li> <li>• Application Management</li> </ul> <p>Day 3</p> <ul style="list-style-type: none"> <li>• EnergyIP User Management</li> <li>• Adapters</li> <li>• Exception Processing</li> <li>• Timelines and Checklist</li> </ul>	<a href="#">Contact Us</a> / ILT	Upon request
Report Development	<p>Hands-on workshop to give students the skills they need to write custom reports on EnergyIP 8. The focus of the session will be on EnergyIP database schemas, SQL queries, and the top significant / representative reports. The instructor will focus on the schemas, queries and report design, and students will use the open source BIRT Designer as the environment for creating custom reports.</p>	<a href="#">Contact Us</a> / ILT	Upon request
Energy Engage for CSRs	<p>The Energy Engage for Customer Service Representative (CSR) is a one day, instructor-led course that provides utility CSRs with an understanding of the Energy Engage features used by their customers. Using case studies, CSRs will learn to support customer inquiries and troubleshoot user issues using the Energy Engage portal.</p>	<a href="#">Contact Us</a> / ILT	Upon request
Energy Engage for System Administrators	<p>This course provides system administrators with the skills necessary to set-up and manage Energy Engage in a production environment. The topics of the course include:</p> <ol style="list-style-type: none"> <li>1. Web Administration Tool</li> <li>2. Carbon Stories and Rate Structures</li> <li>3. Energy Engage Architecture</li> <li>4. Integration and Administration.</li> </ol>	<a href="#">Contact Us</a> / ILT	Upon request

TITLE	DESCRIPTION	DATES / LOCATION *	PRICES
EnergyIP 8 – Custom Application Development	<p>Training goals:</p> <ul style="list-style-type: none"> <li>• The goal of this training is to make you capable of developing application that can sit besides these applications or replace/ enhance the existing applications.</li> <li>• This training will tell you the hooks for altering the existing behavior of EnergyIP applications.</li> </ul> <p>Training Components:</p> <ul style="list-style-type: none"> <li>• Classroom Instruction - instructor teaches and provides live demos via the web (VILT) or in person</li> <li>• Lab Work - Hands On labs with each student having their own cloud instance of EnergyIP with an applicaiton and database server.</li> <li>• Course materials include Lab Guide, Samples, Student Guide</li> </ul>	<a href="#">Contact Us</a> / VILT	Upon request

\* Location code: ILT=Onsite Instructor-led Training, VILT=Virtual Instructor-led Training.  
Class dates and information are subject to change. Please contact us to confirm class schedules.

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