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ABB provides the first ever Sustainable Modular Protection Automation and Control building to PG&E for pilot installation

These pilot projects are the first of their kind to incorporate the new SMP standards.

Zurich, Switzerland, August 2, 2017 – ABB, the pioneering technology leader, has incorporated new Sustainable Modular Protection (SMP) standards into two separate pilot projects and provided full EPC support for Pacific Gas and Electric Company (PG&E): Martinez Power Plant 115kV Switching Station and Oleum Power Plant 115kV Switching Station.

The first of the two projects to become operational was the Martinez MPAC-SMP, a key terminal for the adjacent refinery. With the impending summer clearance restrictions approaching, it was critical to ensure the project was conducted safely, with no incidents, and on schedule. In April 2017, the first circuit breaker was successfully cutover to the new building. As of June 2017, 50 percent of these new circuits protected by the new SMP designs were successfully tested and cut over. This MPAC-SMP design will be the new standard for PG&E on future projects.

“When a customer chooses to engage us as a first provider for a brand new design, it really speaks to their confidence in ABB as a solutions provider,” said Andrew Wall, Vice President and General Manager for Electrification Products Medium Voltage Service. “Our track record of delivering highly-engineered, complex projects enabled ABB to take PG&E’s new standards and initial design concepts through to implementation. The opportunity to partner with our customers on projects is more than just a business decision; it’s a commitment to writing the future of power distribution together.”

For each MPAC-SMP solution, ABB is responsible for the complete design, engineering, materials procurement, panel integration, inspection, testing, security and fire system integration, and delivery of the completed Modular Protection, Automation, and Control building. The purpose of the solution is to deliver a prefabricated turnkey substation protection, automation, and control system to facilitate full SCADA monitoring and control of the substation’s assets from a remote location, also providing the foundation for enterprise-wide data integration and further supporting the evolution of a smarter grid.

About PG&E

Pacific Gas and Electric Company, a subsidiary of PG&E Corporation (NYSE:PCG), is one of the largest combined natural gas and electric energy companies in the United States. Based in San Francisco, with more than 20,000 employees, the company delivers some of the nation’s cleanest energy to nearly 16 million people in Northern and Central California. For more information, visit www.pge.com/ and www.pge.com/en/about/newsroom/index.page

About ABB

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing more than a 125-year history of innovation, ABB today is writing the future of industrial digitalization and driving the Energy and Fourth Industrial Revolutions. ABB operates in more than 100 countries with about 132,000 employees. www.abb.com

For more information, please contact:

Lynette Jackson
Head of Communications – Electrification Products division
Phone: +41 (0)43 317 54 04
Email: lynette.jackson@ch.abb.com

ABB Ltd
Affolternstrasse 44
8050 Zurich
Switzerland



ABB's Americas operations are headquartered in Cary, North Carolina, and employ about 30,000 people in multiple manufacturing, service and other major facilities.

For more information, please contact:

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ABB Ltd
Affolternstrasse 44
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Switzerland