



The IEEE San Fernando Valley Section Power and Energy Society (PES) Chapter

Welcome to the presentation on:

Renewables Integration to the Power Grid

Hamidreza Nazaripouya



Short Description of the Presentation

Employing renewable energy sources has attracted much attention in recent years in domestic affairs and abroad. However, integrating renewable energy sources into the grid is challenging due to the poor controllability and predictability that is characteristic of these sources, which have variable and intermittent natures. The presentation will discuss about some of these challenges and the possible solution.

Speaker's Biography

Hamidreza Nazaripouya received the B.S. degree in electrical engineering from the University of Tehran, Tehran, Iran, in 2007, the first M.S. degree in power electronics from the Sharif University of Technology, Tehran, in 2010, and the second M.S. degree in power systems from Louisiana State University, Baton Rouge, LA, USA, in 2013. He is currently pursuing the Ph.D. degree with the Smart Grid Energy Research Center, University of California at Los Angeles, Los Angeles, CA, USA.

He has been working at Entergy Corporation, owner and operator of power plants with approximately 30,000 megawatts of electric generating.

He has conducted several projects for utility companies during his education. Optimal placement of PMU for fault observability, Effect of power backflow on Network protector, PV integration, Application of FACTS devices on power system stability, Paralleling the inverters and UPSs, Design and implementation of Automatic meter reading (AMR) and designing of driver are some of these projects. His current research interests include the application of power electronics in power system, renewable energy integration, power system stability, microgrid technologies, and electric vehicle.

Where: ITT Technical Institute
12669 Encinitas Ave
Sylmar, CA 91342

When: Wednesday, Sept. 23, 2015

6:00 – 6:30 PM: Pizza & Networking
6:30 – 7:00 PM: PES in Action
7:00 – 8:00 PM: Presentation

No Cost, Space is limited –
Please RSVP at registration link
<http://hamid2015.eventbrite.com>

For more information contact:

- Milenko Bistic, Chapter Chair
milenko.bistic@us.abb.com
- Steve Agarwal, Vice Chair
steve.agarwal@schneider-electric.com

SFV Section Upcoming Events

For events and details please visit:
<http://www.ieee-sfv.org/>