



Society of Women Engineers

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**Carole Engelder, PhD, PE
Director, EDP Renewables North
America**

Presenting

**“Wind Resource:
Jobs to Capture the Energy”**



When: Thursday, February 16, 2012
5:30 pm - Networking with Light Food and Beverages
6:30 pm – Announcements and Speaker

Where: Fugro, 6100 Hillcroft, Houston, Texas 77081

Cost: Fugro employees attend for FREE
SWE Members and Unemployed with RSVP: \$10
Non-members or no RSVP \$15
RSVP to Nilou at vp_internal@swehouston.org by February 13, 2012

One (1) Continuing Education Unit (CEU) / Professional Development Hour (PDH) will be offered professional engineers and project management professionals for attendance.

Synopsis:

The wind power industry offers a wide variety of technical and engineering jobs and careers: from site assessment, wind-flow modeling, soil, civil and electrical engineering design, construction management, high voltage equipment maintenance, and systems engineering. This talk will step you through the development, EPC (engineering, procurement and construction) and O&M (operations and maintenance) of a wind farm and the multitude and diversity of talents required by a successful Owner/Operator.

Thank you to our event sponsor.



Speaker Bio:

Carole Engelder, Director of Procurement for EDP Renewables North America, is responsible for an annual spend of \$2 billion for purchasing, contracting and materials management of wind farm and solar capital projects, operating wind farms maintenance (O&M) and indirect corporate services for 300 employees. Previously, as Director of Project Management, Carole was accountable for planning, constructing and commissioning wind turbine farms capable of generating 700 MW of electrical power, representing over 20 percent of the company's installed capacity. In addition to EDP Renewables, Carole has 25 years industrial experience with Amoco, BP and a chemical start-up. She has previously led teams in capital projects, procurement, logistics, safety and environmental engineering in petroleum refineries, chemical plants and deep water oil production projects. Her technical background is in engineering, having earned a BSCE from the University of Kansas and graduate degrees in Civil/Environmental Engineering from Purdue University. She also holds an MBA in Finance from Tulane University and is a licensed Professional Engineer in Texas. Carole currently serves on the Advisory Council of Breakthrough Houston and is a volunteer for the Fifth Ward Community Redevelopment Corporation.