

Perth Branch

Flow Assurance - How Direct Electrical Heating (DEH) can assist



Wednesday 17th August 2011

Ibis Hotel (Ruby Room), **Murray Street, Perth**

Registration / Drinks 5:30pm: Presentations Start at 6:00pm

Drinks, Canapés & Networking 7:30pm - 9pm

Chaired by: Ian Wilson, SUT Committee Member

DEH Development Case Studies

Jesper Hoj-Hansen, DEH/Pipeline Engineer, Woodside Energy Ltd.



A brief introduction to Open Loop Direct Electrical Heating (DEH) followed by 4 Case Studies of Opportunities where Woodside has considered its application. The DEH challenges unique to each of these opportunities is discussed along with how the technology is being stretched beyond the existing applications.

Direct Electrical Heating of Flowlines

Audun Haglo, Project Engineer, Nexans Norway AS



This presentation gives an overview of Direct Electrical Heating (DEH) Systems technology. Topics covered will be the following: A brief history of DEH technology; working principles of the system; design considerations for system, cables and components; qualification and testing; and installation experience.

Evolution of DEH Topsides

Craig Abbott, GM Oil & Gas, MEA Solutions Support Team, Wartsila



Over the past 12 years, 20 DEH systems have been installed and have accumulated well in excess of 200 operations to restart flow lines in addition to 2 lines that operate continuously. Variations between fields have thrown up challenges in the level of power that needs to be transferred to the flow lines, the path along which the power needs to travel and differing the methods of operation. Wartsila have been involved in 19 of the 20 DEH projects and will present the past, present and future plans for DEH topsides.

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REGISTRATION FEES: SUT Members \$10: Non-Members \$30*



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To help reduce registration time on the night, SUT would appreciate if you could register and pay for this event in advance. To do this please e-mail perthevents@sut.org with delegate name, affiliation and credit card details, or if you prefer call + 61 (0) 8 9446 9903 with above details. If unable to pre register, registration and payment will still be accepted on the night.