



## PTTC-EFD Workshop

September 16, 2014

West Virginia University Alumni Center

Morgantown, WV

# Flaring Issues, Solutions and Technologies

### WORKSHOP DESCRIPTION

The Petroleum Technology Transfer Center located at West Virginia University National Research Center for Coal & Energy and the HARC Environmentally Friendly Drilling program have joined together to develop and implement a research effort to address gas flaring and stranded gas by utilizing novel technologies to monetize gas at the wellhead. The overall objective is to develop and demonstrate technologies to monetize stranded gas and reduce or eliminate gas flaring and/or methane emissions associated with production. Additional workshop objectives are to:

- Determine the extent of gas flaring/stranded gas in the basin
- Summarize state regulations regarding gas flaring
- Introduce proven technologies currently in use to address the problem and monetize gas at the wellhead

### TOPICS COVERED

Time	Topic	Presenter
0800 – 0845	Registration and coffee	
0845 – 0900	Welcome, Introductions, Housekeeping	Doug Patchen, NRCCE/PTTC
0900 – 1000	Keynote Address: Novel Technologies to Monetize Gas at the Wellhead	Rich Haut, Houston Advanced Research Center (HARC)
1000 – 1015	Question & Answer Session	
1015 - 1030	Coffee Break	
1030 – 1200	Moderated Operator Discussion Title TBD	IOGA-WV (invited)
1200 – 1300	<b>Lunch</b>	

1300 – 1330	Economic & Effective Gas Incineration	Audrey Mascarenhas, Questor Technology
1330 – 1400	Gridfox™ Smart Energy Conversion: Converting Stranded Gas to Electricity at the Wellsite	Don Moss, Wellhead Energy Systems
1400 – 1430	Options in the Field for Converting Flare Gas to Alternate Energy Sources	GE Gas Power Group
1430 – 1515	Regional Regulations Regarding Gas Flaring Field observations & state flaring regs in WV Air Quality Regulations in the Pittsburgh Region	State Regulatory Agencies Robert Keatley, WV DEP TBD
1515 – 1530	Evaluation Forms, Workshop Certificates (PDHs), Adjourn	Doug Patchen

## LOCATION

The conference will be held at the Erickson Alumni Center, One Alumni Drive, Morgantown, WV 26504; phone 304-293-4731, or email [mary.kinsley@mail.wvu.edu](mailto:mary.kinsley@mail.wvu.edu). The Erickson Center is located in the heart of WVU's Evansdale Campus less than 400 yards from Milan Puskar Stadium. Housing may be reserved across the street in the Hampton Inn, 1053 Van Voorhis Road, Morgantown, WV 26505; Phone 304-599-1200.

## REGISTRATION

Pre-registration is required and will end September 10<sup>th</sup>. The registration cost of \$55 covers lunch, a coffee break, and all workshop expenses. Please register by the Sept 10, 11:59 pm online at:

<https://www.eventbrite.com/e/flaring-issues-solutions-and-technologies-tickets-12665919105>

Payment may be made by credit card online or by check at the door. If you would like to pay by check, look for, and click on, the **small, blue "Show other payment options"** link immediately below the Order Now button at the online registration site listed above.

On-site check in will begin at 8:00 a.m. The workshop will start at 8:45 a.m. and will end by 3:30 pm.

## PDH CREDITS

PTTC will issue a certificate for five (5) Professional Development Hours at the end of the workshop. To receive this certificate, **you must register in advance**.

For further information contact: Doug Patchen at 304-293-6216.

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