

2008

Steam Turbine & Generator Users Conference

July 8-10, 2008
Conference Agenda



imagination at work

Agenda*

Monday, July 7, 2008

Day 1

08:00 – 16:00	Travel to conference
16:00 – 22:00	Registration / Reception

Tuesday, July 8, 2008

Day 2

07:00 – 08:00	Registration & Breakfast
08:00 – 08:15	Welcome Remarks
08:15 – 09:00	Steam Turbine Technology Overview
09:00 – 09:40	Generator Technology Overview
09:40 – 10:15	Industry Insurance Perspective
10:15 – 10:30	Break
10:30 – 11:00	OSHA: Operational Safety
11:00 – 11:30	ISO Dispatching
11:30 – 12:00	Guest Speaker: Rich Hohlman, VP, Generation, for National Grid Keyspan
12:00 – 13:00	Lunch
13:00 – 13:45	Service Center Enhancements
13:45 – 14:15	Power Plant Assessments
14:15 – 14:45	GE Parts Center update
14:45 – 15:00	Break

TRACKS

15:00 – 17:00	Combined Cycle
15:00 – 17:00	Nuclear
15:00 – 17:00	Fossil
15:00 – 17:00	Industrial/small STG
17:00 – 22:00	Product Fair & Reception

**details subject to change*

Wednesday, July 9, 2008

Day 3

07:00 – 08:00	Breakfast
08:00 – 08:30	Schenectady Factory overview
08:30 – 09:00	Global Research Center overview
09:00 – 09:30	Energy Learning Center overview

TRACKS

09:30 – 11:45	Combined Cycle
09:30 – 11:45	Nuclear
09:30 – 11:45	Fossil
09:30 – 11:45	Industrial/small STG

12:00 – 13:00 Lunch

13:00 – 17:00 Tours

Energy Learning Center

Global Research Center

Schenectady Main Plant

17:00 – 21:00 Product Fair & Reception

Thursday, July 10, 2008

Day 4

07:00 – 08:00	Breakfast
08:00 – 08:45	Answer Group Hot Topic Questions
09:00 – 09:45	Breakouts (Training)
10:00 – 10:45	Breakouts (Component Design)
11:00 – 11:45	Breakouts (New Technology)

12:00 – 13:00 Lunch

13:00 – 13:45	Vibrations
13:45 – 14:15	Aging Fleet Experience
14:15 – 14:30	Final Remarks

Breakout Sessions*

Training

Thursday, July 10: 9:00 – 9:45

1. Steam turbine types and design overview
2. Valve maintenance
3. Turbine Generator Alignment
4. Outage preparation
5. Seal oil vacuum pumps
6. Hydrogen seal oil control

Component Design

Thursday, July 10: 11:00 – 11:45

1. Bucket design
2. Diaphragm design
3. Rotor design
4. Shell design
5. Field design
6. Stator design

New Technology

Thursday, July 10: 13:00 – 13:45

1. New product introductions, steam turbine
2. New product introductions, generator
3. GRC steam turbine nucleation testing
4. Repair engineering and the aging fleet

**details subject to change*

Tracks Agendas*

Tuesday, July 8

	Nuclear	Fossil
15:00	Hot Topics	Hot Topics
15:15	ST&G TILS	Fleet experience
15:30	ST&G TILS	Fleet experience
15:45	Fleet experience	ST&G TILS
16:00	Fleet experience	ST&G TILS
16:15	Dense Pack design	Generator clip exp, braze
16:30	Dense Pack design	Generator clip exp, braze

	Combined Cycle	Industrial
15:00	Hot Topics	Hot Topics
15:15	ST&G TILS	Fleet experience
15:30	ST&G TILS	Fleet experience
15:45	Fleet experience	ST&G TILS
16:00	Fleet experience	ST&G TILS
16:15	Bowed rotors	Life extension
16:30	N2 cracking	Obsolescence concerns
16:45	N2 cracking	

**details subject to change*

Wednesday, July 9

	Nuclear	Fossil
9:30	Time line case study	Aging component case study
9:45	Longer re-fueling cycles	New 26+ case study
10:00	Generator clip exp, braze	Boiler feed pumps
10:15	Generator clip exp, braze	Time line case study
10:30	Excitation control issues	Lean outages case study
10:45	Boiler feed pumps	Obsolescence concerns
11:00	Panel discussion	Panel discussion
11:15	Panel discussion	Panel discussion
11:30	Panel discussion	Panel discussion

	Combined Cycle	Industrial
9:30	Faster starts	Payback analysis
9:45	Faster starts	Payback analysis
10:00	Reverse flow mods	Change of use case study
10:15	Hydrogen seals	Change of use case study
10:30	Lean outages case study	Water supply issues
10:45		Outage extension-pros/cons
11:00	Panel discussion	Panel discussion
11:15	Panel discussion	Panel discussion
11:30	Panel discussion	Panel discussion



imagination at work