

MONDAY APRIL 20 | 8:00AM - 10:00AM

## D1. ENERGY POLICY, POWER PLANT CHP & BUILDING TECHNOLOGIES



 SIEMENS

### D1.1 INCREASED ROLE OF MEDIUM GAS TURBINES IN COMBINED CYCLE

Reed Lengel, Sales Applications Manager, Siemens Energy, Inc



 ST POWER SERVICES CONSULTANTS

### D1.2 THERMAL POWER PLANT TRANSFORMATION: THE KEY TO A CLEAN ENERGY FUTURE

Siraj Taj, Principal / Owner, ST Power Services Consultants, LLC



 HYTORC

### D1.3 INDUSTRIAL BOLTING- IMPROVE PRODUCTIVITY THROUGH TECHNOLOGY & INNOVATION

Eric Forslund, Power Generation Project Manager, Hytorc



 CREATIVE POWER SOLUTIONS

### D1.4 REDUCING THE COST OF ELECTRICITY PRODUCTION: A CASE STUDY

Majed Toqan, Chief Executive Office, Creative Power Solutions

MONDAY APRIL 20 | 10:00AM - 12:00PM

## D2. PLANT PERFORMANCE, MATERIAL HANDLING, ENERGY EFFICIENCY & MGMT



 MHPS

### D2.1 STEAM TURBINE UPGRADE OPTIONS WITH RESPECT TO HEAT RATE IMPROVEMENT

Muhammad Saqib Riaz, Engineering Manager, Mitsubishi Hitachi Power Systems Americas



 ARCHITECTURE COLLEGE OF ARCHITECTURE AND PLANNING, KING SAUD UNIVERSITY

### D2.2 THE EFFICIENCY OF COOLING AND HEATING IN BUILDINGS USING RENEWABLE GRO

Nasser Alhemiddi, Professor, Dept. of Architecture College of Architecture and Planning, King Saud University



 MKS INSTRUMENTS, INC.

### D2.3 MONITORING FUEL GAS COMPOSITION IN REAL TIME USING AN OPTICAL ANALYZER

Roberto Bosco, Senior Product Marketing Manager, MKS Instruments, Inc.

 HV - دوحاب  
Ducab - HV

### D2.4 CONVENTIONAL AND UNCONVENTIONAL PD MEASUREMENTS IN HIGH VOLTAGE CABLES

Aqeel Mohamed, Assistant manager- Test and Inspection, Ducab High Voltage

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## D3. CYBER SECURITY, RISK MANAGEMENT



 1898 & CO.

### D3.1 UTILITY VULNERABILITY, THREAT AND RISK MANAGEMENT

Jerome Farquharson, Sr. Managing Director, 1898 & Co. part of Burns & McDonnell



 DNG-ISAC

### D3.2 CYBER AND PHYSICAL THREATS TO NATURAL GAS - OPERATIONS SURVEY RESULTS

John Bryk, Cyber and Physical Threat Intelligence Analyst, Downstream Natural Gas ISAC



### D3.3 INCREASING EFFICIENCY AT ALMOST NO COST: IT'S TIME FOR COGENERATION

Daniel Mussaffi, Senior Power Economist, U.S. Nuclear Regulatory Commission

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## D4. T & D, UNDERGROUND UTILITIES & SUBSTATIONS, TRANSFORMERS



 GAUGETECH

### D4.1 T&D MAINTENANCE: LEVERAGING ADVANCED REVENUE QUALITY BILLING METERS

Charles Kachel, Application Engineer, Electro Industries/ GaugeTech

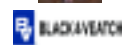


 conEdison

### D4.2 WORKING IN SWITCHGEAR CUBICLES JUST GOT A LOT SAFER

Eric Fell, Specialist - EH&S Safety, Consolidated Edison Company of New York, Inc.



 BLACKVEATCH

### D4.3 CONTROL OF INVASIVE MUSSELS IN POWER GENERATION FACILITIES

Seth Donrovich, Invasvie Mussel Consultant, Marrone Bio Innovations



 IMCORP


### D4.4 MACHINE LEARNING AND DEEP LEARNING PROVIDE RISK CATEGORIZATION TO UNDERGROUND UTILITY DISTRIBUTION CABLES

Steffen Ziegler, Director - Signal Analysis & Artificial Intelligence, IMCORP

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## D5. ENERGY POLICY, DEMAND & RATES



 SOLOMON ASSOCIATES

### D5.1 FINDING THE HIDDEN VALUE IN YOUR PLANT DATA

Scott Diermann, Sr. Consultant, Solomon Associates



 PEXAPARK

### D5.2 PEXAPARK BRINGS TRANSPARENCY TO LONG-TERM PPA PRICES IN EUROPE

Amanda Niklaus, Energy Analyst, Pexapark



 ARPA-E

### D5.3 ADVANCED GENERATION SYSTEMS FOR STATIONARY AND TRANSPORTATION MARKETS

Rakesh Radhakrishnan, Technology to Market Advisor, ARPA-E



 GP STRATEGIES

### D5.4 DIGITAL INTEGRATED TECHNOLOGIES FOR A SIMULATOR TRAINING & QUAL PROGRAM

Ken Daycock, Manager, GP Strategies

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## D6. PROJECT FINANCE & RISK MANAGEMENT



 EISC

### D6.1 RISK AVERSION THROUGH AUTOMATION OF ANALYTICAL RESULTS

Paul Banfer, Vice President/CTO, EISC



 ASCEND ANALYTICS

### D6.2 RESOURCE PLANNING 2.0: THE ENERGY TRANSITION PARADIGM

Brent Nelson, Senior Energy Analyst, Ascend Analytics



 SUEZ WATER TECHNOLOGIES & SOLUTIONS

### D6.3 RISK-BASED PORTFOLIO MANAGEMENT RAP - RISK ASSESSMENT PROFILER

Carlos Mendizabal, President, SUEZ Water Technologies & Solutions