ACEC Energy & Environment Committee  
Summer Meeting, August 14-15, 2015

Ulteig  
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Agenda

Friday, August 14, 2015

7:30 a.m.  Breakfast Bar

8:00 a.m.  Welcome – A Tale of Twin Cities – “the best of times; the worst of times”  
-Jason Hoskins, Ulteig  
http://docs.acec.org/pub/9b064f0d-f6a3-49c7-9840-575674550b44

8:10 a.m.  Introductions and Opening Remarks

- Jack Hand, Power Engineers EEC, Chair  
- Clint Robinson, Black and Veatch, ECC, Vice-Chair  
- Pat O’Hara, Cummings/Riter EEC, Energy  
- Lauren Evans, Pinyon Environmental, EEC, Water  
- Session Organizers:  
  -Jason Hoskins, Ulteig  
  -Scott Sannes, Short Elliott Hendrickson

8:30 a.m.  Panel – “Perspectives from the Energy Sector: What to expect over the next 5 years,” (Introductions Doug Jaeger, President and CEO, Ulteig)  
http://docs.acec.org/pub/9ab8d73e-9158-4f95-2699-fd78a3969e73

What are the business and engineering opportunities in the power sector and wholesale and retail business models of the Midwest?

- Mike Bull, Director of Policy and Communications, Minnesota Center for Energy and Environment, 20 minutes http://docs.acec.org/pub/9af69b45-f431-0442-a0bf-9bdb7634966f
- Priti Patel Regional Executive – State & Customer Affairs, MISO, 20 minutes http://docs.acec.org/pub/9b0ccf2d-c017-55d5-24b6-6a508a62e90e
- Timothy J. Rogelstad President, Otter Tail Power Company, 20 minutes http://docs.acec.org/pub/9b3606db-cd99-a486-25d5-292a22574b1c
http://docs.acec.org/pub/9b4322e6-bda1-3ef5-653a-5123e3f5a7f

Questions: 30 minutes
10:00 a.m.  

**30 minute break**

10:30 a.m.  

**Electricity Reliability, Resiliency, and Sustainability**
( Organizer – Jason Hoskins, Ulteig)

What are the foreseeable engineering challenges and opportunities to maintain grid reliability, resiliency and sustainability in the rapidly evolving electricity infrastructure?

- Brian Long, Manager, Transmission Line Performance, Xcel Energy, 30 min.  
http://docs.acec.org/pub/99eff70d-94ec-bf6e-56b6-321786b7594b
- Ken Barry, Senior Account Executive, Midwest, EPRI, 30 minutes  
http://docs.acec.org/pub/9ae76fe9-b3cd-e28d-99d1-e291c05f6886

Questions: 30 minutes  
http://docs.acec.org/pub/9b4a4934-f6b0-2925-9bf0-32c06f15e773

12:00 p.m.  

**Settle in for Working Lunch (catered)**

12:20 p.m.  

**Lunch Presentation - Metropolitan Water Project Finance and Resiliency**
( Organizer – Scott Sannes, Short Elliott Hendrickson)

What are the major threats and vulnerabilities to the water system? How does vulnerability assessment inform infrastructure planning, investment and operations (both normal and recovery from events)? How is your perspective typical and atypical of your industry? What is the backlog of work that is necessary to rebuild aging infrastructure? What are the regulatory drivers of system improvements? Where is the capital coming from…..or not, and what is the plan to finance going forward?

- Jason Willet, Director, Environmental Services, Finance and Energy Management - Metropolitan Council Environmental Services, St. Paul MN
- Bob Nordquist, Manager, Industrial Waste Water Department - Metropolitan Council Environmental Services, St. Paul MN
http://docs.acec.org/pub/9adda2a0-9862-1820-3b8b-6b28d397f76
http://docs.acec.org/pub/9a95c443-dc7c-e2ad-a4dc-0da01d945dbd

1:20 p.m.  

**15 minute break**
1:35 p.m.  **Industrials – Resiliency – Energy and Water**  
(Organizer – Scott Sannes, Short Elliott Hendrickson)

How does the industrial assess energy and water infrastructure and operational threats and vulnerabilities? How does the industrial work with the energy and water utilities to address these threats and vulnerabilities and maintain resiliency?

- Shane Menefee – Environmental Mgr., Michael Foods - 20 minutes 
  [http://docs.acec.org/pub/9b1e9436-cc00-eddf-1719-8715d5d902bc](http://docs.acec.org/pub/9b1e9436-cc00-eddf-1719-8715d5d902bc)
- Blake Schomas – Dir., Total Plant Assessments, Ecolab - 20 minutes
  [http://docs.acec.org/pub/9ad5e486-c2d5-b4b7-c4ed-204810e2032a](http://docs.acec.org/pub/9ad5e486-c2d5-b4b7-c4ed-204810e2032a)

Questions: 25 minutes

3:00 p.m.  **15 minute break**

3:15 p.m.  **Project Financing: Clean Water and Drinking Water**  
( Organizer - Scott Sannes, Short Elliott Hendrickson)

As infrastructure needs exceed government levels of financial participation how are water utilities meeting project funding requirements (PABs, SRFs, WIFIA, P3s, other)? What financial approaches fit with various public utility conditions and circumstances? Where do PABs, SRFs, WIFIA, P3s and other tools fit?

- Jeff Freeman - Executive Director, Minnesota Public Facility Authority 
- Steve Nyhus – General Counsel, Minnesota Environmental Science and Economic Review Board- [http://docs.acec.org/pub/9b18c217-b49a-225e-8ef7-2ba7fa6c7edb](http://docs.acec.org/pub/9b18c217-b49a-225e-8ef7-2ba7fa6c7edb)
- George Tourville, Mayor of Inver Grove Heights, MN

4:15 p.m.  **Adjourn** for day

5:15 p.m.  **Board bus to Target Stadium, Twins baseball game**
Saturday, August 15, 2015

8:00 a.m.  **Breakfast Bar**

8:30 a.m.  **Water Management – WOTUS**  
(Organizer – Scott Sannes, Short Elliott Hendrickson)

**What are the engineering implications under the WOTUS final rule concerning wetland mitigation for infrastructure projects?**

- Deric Deuschle - SEH scientist - WOTUS interpretation and large bank development
- Bob Whiting - SEH
  [http://docs.acec.org/pub/9aa93cf3-947a-1da3-5a89-5a5354cec3f8](http://docs.acec.org/pub/9aa93cf3-947a-1da3-5a89-5a5354cec3f8)
  [http://docs.acec.org/pub/9ab1ac9e-0995-f413-3e9d-6b109329d80d](http://docs.acec.org/pub/9ab1ac9e-0995-f413-3e9d-6b109329d80d)

Questions: 20 minutes

10:00 a.m.  **15 minute break**

10:15 a.m.  **Discussion of Committee Program**

- What advocacy and awareness actions should EEC/ACEC support?
- How should we organize?

1:30 a.m.  **Adjourn, Lunch (catered)**