Education/Outreach Sub-committee
Meeting No. 6
December 17, 2014
1:30 – 2:30 p.m.
Conference Call

Call in Number: 1-866-830-9434
Participant Access Code: 5754026

Members: Co-Chair - Lissa McCracken (KPPC), Co-Chair - Shiela Medina (CAER), Mary Breeding (KAM), Harry Carver (KY DLG), Don Colliver (UK-IAC), Cheryl Eakle (KPPC), Bruce Hepke (KPPC), Michael Burke (Enerfab), Bill Lunsford (DEDI)

1. **Introductions**

2. **CHP Workshop Follow-up**
   - Nov. 6 – Bowling Green
   - Nov. 13 – Richmond

3. **Webinar**
   - January 29, 2015 @ 2:00 pm
   - Marketing Efforts
     - Direct Email to Workshop Attendees & Workgroup Members
     - Associations & Publications Outreach

4. **On-Site Visit**
   - Week of March 23rd, 2015
   - Owensboro Grain (confirmed) & Domtar (tentative)

5. **Other Items**

6. **Sub-committee Directives**

7. **Next Steps/Action Items**

8. **Next Meeting:** TBD

Workshop Feedback

I would like to learn more about:
Natural gas fuel cells
Selling CHP electric on the local utility grid
Is KY Administration on board with CHP and willing to help remove the obstacles to successful implementation in KY?
Actual economics, some projects presentation but economics; cost of engines, interconnect, chillers, etc. not explained or provided
Power Purchase agreements
CHP Life Cycle Analysis
CHP Incentives

CHP

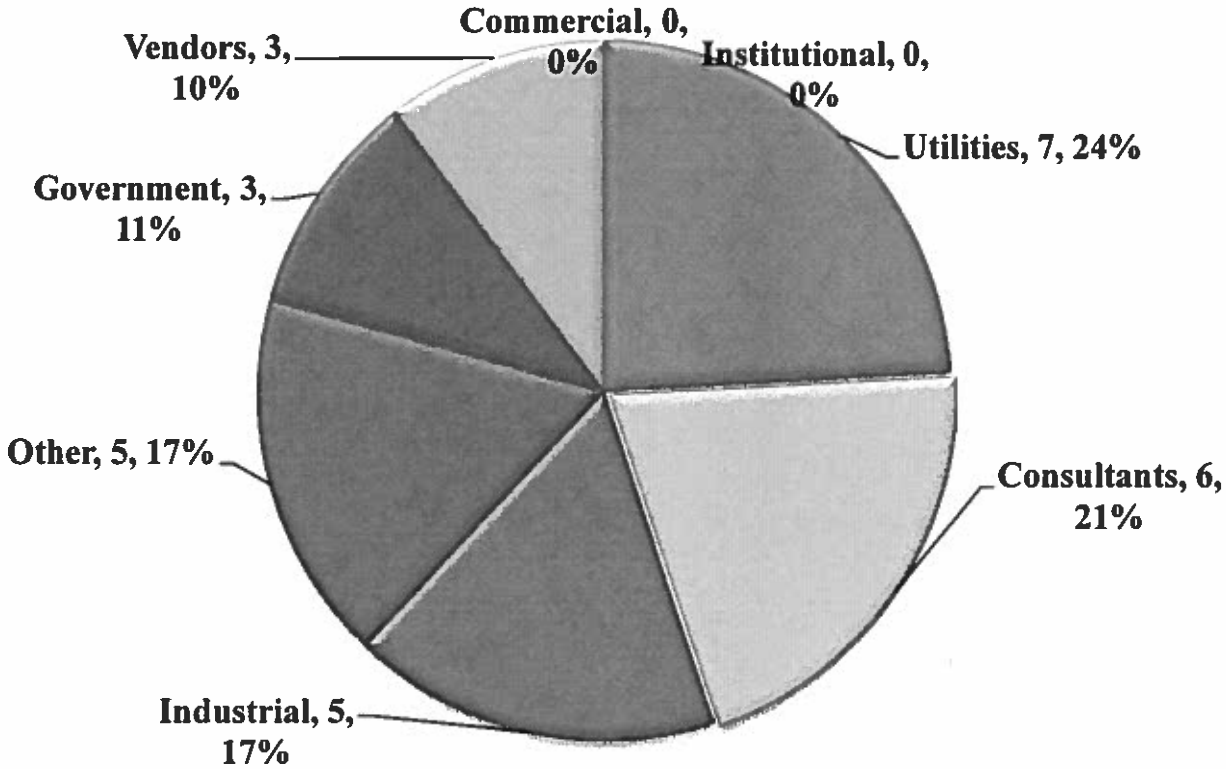
Workshop Feedback

Questions that were left unanswered include:
Understanding power purchase agreements
Maybe for future CHP Workshops, could show lessons learned, issues on a CHP project

Suggested discussion topics for the upcoming webiner and on-site demonstration visit are:
PJ economics. Real Projects with real dollar values
3 Great Current Case Studies

CHP

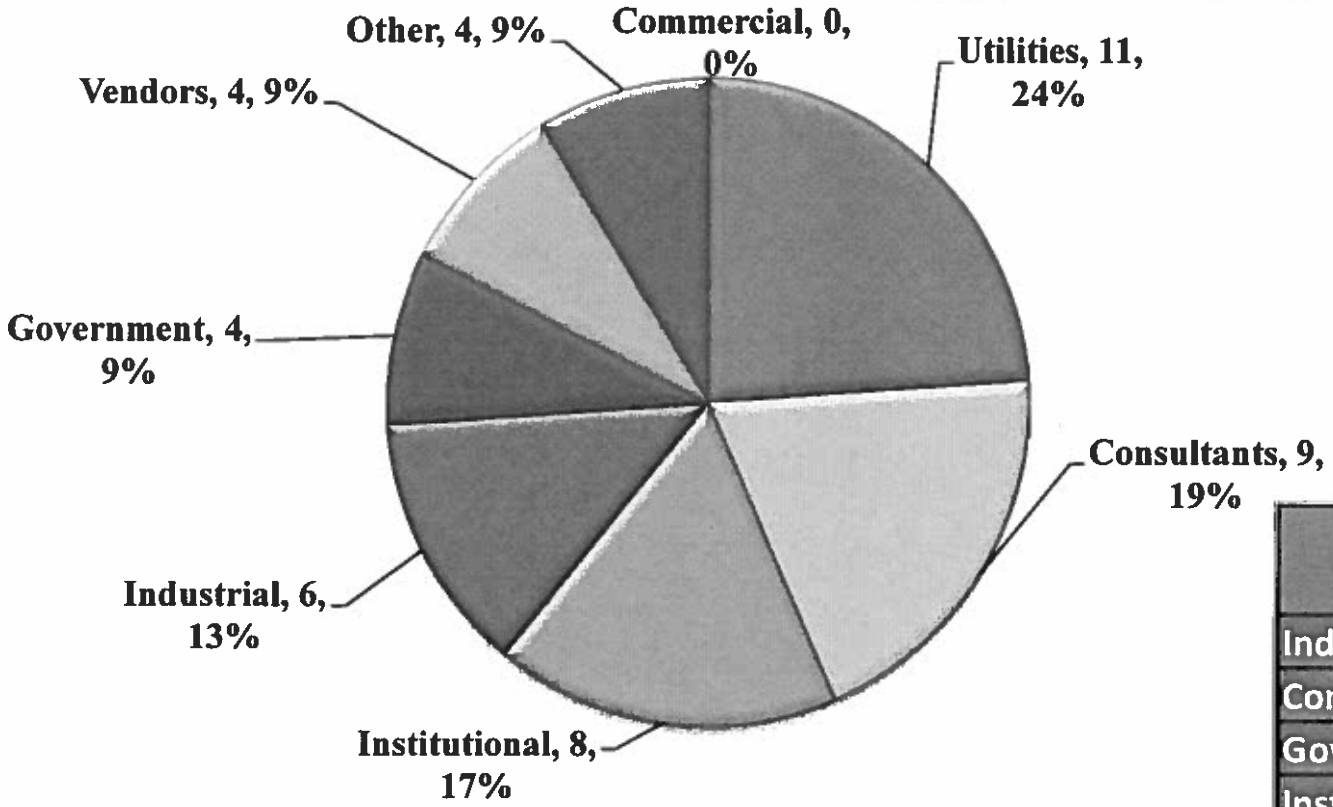
CHP Workshop-Bowling Green



	Bowling Green	
	Registered	Attended
Industrial	5	5
Commerc	0	0
Governm	3	3
Institutio	0	0
Vendors	3	3
Consultan	6	6
Utilities	9	8
Other	5	4
Total	**30**	**29**

CHP

CHP Workshop-Richmond



	Richmond	
	Registered	Attended
Industrial	10	6
Commercial	0	0
Government	2	4
Institutional	9	8
Vendors	5	4
Consultants	9	9
Utilities	12	11
Other	4	4
Total	**51**	**46**

CHP

Workshop Evaulation Totals

CHP Workshops								
				Excellent	Good	Average	Poor	Very Poor
How do you rate the training Overall?				11	10	0	0	0
				Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
The training met my expectations.				12	8	1	0	0
I will be able to apply what I learned in the training.				6	14	1	0	0
The presentations were organized and easy to follow.				11	7	3	0	0
There was enough time for questions and discission.				12	6	3	0	0
Please check which session toipcs you found useful (check all that apply):								
13	CHP Overview & Case Studies				13	Fuels for CHP		
13	Getting Started with CHP				10	Financing a CHP System		
17	CHP Technologies				10	Permitting (Air Permits)		
7	Understanding Electric Rates				7	Policy/Regulations		
					10	CHP Owner Panel Presentations / Q&A		

Questions that were left unanswered include:	
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2015 Activities

- **Webinar January 29 (tentative)**
- **Site visits week of March 23**
  - Owensboro Grain
  - Domtar?

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Webinar Topic Suggestions?

- **So far--**
  - Permitting Process
  - Screening Process
  - Power Purchase Agreements
- **?????**

CHP

Workshop Outcome

Two CHP screening inquiries

Industrial (Bowling Green)

Institutional (Richmond)

CHP

KY CHP Workshop
Associations Contact List

Name	Contact	Title	Email	Website	Resp
American Chemistry Industry Council	Rusty Cress				KAM
Council on Postsecondary Education	Robert King	President		www.cpe.ky.gov	KAM
KY Association for Economic Development	Hal Goode	President/CEO	hgoode@kaedonline.org	www.kaedonline.org	KAM
KY Industrial Utility Customers	Don Pelfrey	Exec. Director		www.kiucenergy.com	KAM
ASME/ASHRAE					Don
KY IEEE	Larry Holloway/Adam West				Don
Association of Energy Engineers - Lex Chapter	Mark Saunier	President	mark@cpslex.com	www.aeecenter.org	Michael
KY Association of Counties	Denny Nunnelley	Exec. Director/CEO	denny.nunnelley@kaco.org	www.kaco.org	Harry
KY League of Cities	Jonathan Steiner	Exec. Director/CEO		www.klc.org	Harry
Local Area Development Districts	Target Richmond / Bowling Green Areas				Harry
KY Association of Electric Cooperatives	Dennis Cannon				Shiela
Association of Independent KY Colleges & Universities	Gary S. Cox	President	gary@mail.aikcu.org	www.aikcu.org	KPPC
IN Oil & Gas Association	Emily VanHaaften	InOGA Secretary		www.inoga.org/	KPPC
KY Air & Waste Management Association	Dwain Kincaid	Board Chairman	dkincaid@awma-ky.org	awma-ky.org	KPPC
KY Association of Secondary School Principals	Don Turner	Exec. Director	kassp@earthlink.net		KPPC
KY Education Energy Management Assoc.	John Clemons	President	john.clemons@jessamine.kyschools.us		KPPC
KY Forest Industries Association	Bob Bauer	Exec. Director	bob@kfia.org	www.kfia.org	KPPC
KY U.S. Green Building Council	Nancy Church	Exec. Director	info@usgbckentucky.org	www.usgbckentucky.org	KPPC
KY Hospital Association	Michael T. Rust	President/CEO			KPPC
KY Municipal Utilities Association	Linda L. Finney/Annette Dupont Ewing			www.kymua.org/	KPPC
KY NEED Project	Karen Reagor	State Director	kreagor@need.org	www.need.org/states/kent	KPPC
KY Oil & Gas Association	Andrew V. McNeill	Exec. Director	amcneill@kyoilgas.org	www.kyoilgas.org	KPPC
KY School Boards Association	David Baird / Ron Wilhite			www.ksba.org	KPPC
KY School Plant Management Association	John Noel	Exec. Director	kyspma@gmail.com	www.kspma.org	KPPC
Local Chambers of Commerce	Target Richmond / Bowling Green Areas				KPPC
Local Industrial Development Authorities	Target Richmond / Bowling Green Areas				KPPC
Military Bases/National Guard	R.J. Dyrdek / General Tonini	Energy Mgr - Ft. Knox / Finance Cabinet			KPPC / DEDI
Mountain Area Community Economic Development	Josh Bills	Program Coordinator	jbills@MACED.org	www.maced.org	KPPC