

2015 Sustainability Summit: Improving Our Air Quality  
November 6, 2015  
Kentucky Center for African American Heritage  
Afternoon Breakout Session Notes  
**Track 3: Alternative Energy**

**Question 1 (Strengths)**

Top 3 strengths shared at report-out

1. Collaboration among active knowledgeable people esp. in Louisville
2. Data driven incentives
3. Many resources

All provided strengths:

- Collective partnerships
- Open attitude, broad support
- Numerous resources can be developed
- Knowledgeable activists already active
- Great collaboration between sectors → big attitude change
- Economic data driven progress to incent changes for businesses
- KY has high level of solar installation – solar does work in KY
- Louisville community shows collaboration to address community issues
- Louisville can lead state in policy

**Question 2 (Challenges)**

Top 3 challenges shared at report-out

1. State policy barriers
2. Lack of financial resources (high up front capital costs)
3. lack of education and resistance to change

All provided challenges:

- KY has legacy of low cost coal state
- PSC mandate is for low cost energy with no renewable portfolio standard
- Lack of financial resources
- Legislative policies stemming from coal culture – lack of alternatives
- Geographic position
- Technology catch-up: Need to improve storage & transmission
- Policy barriers
- Upfront costs
- Misconceptions and resistance to change

### **Question 3 (Short-Term Actions)**

Top 3 short term actions shared at report-out

1. Economic incentives
2. Raise capital for programs ready to take action
3. Educate citizens & political leaders

All provided short term actions:

- Education – citizens and political leaders
- Develop a plan with targets for renewable energy
- Support grassroots efforts (e.g. Empower KY) and work to transition coal counties to newer energy
- Take advantage of current incentives to install clean/renewable energy
- Change incentives; penalty policy; subsidize first 2 mw as city policy?, preferred EV parking?
- Raise capital for programs ready to take action (LSC)
- Add more new bike lanes
- Transition metro Louisville's motor fleet to natural gas or electric
- Grow community solar options
- Organize community housing groups/utility and community to take advantage of clean power plan incentives.

### **Question 4 (Long Term Actions)**

Top 3 long term actions shared at report-out

1. Pass a Renewable Energy & efficiency portfolio standard
2. Remove prohibition of 3rd party leasing and ownership
3. Increase economic incentives (e.g. investment tax credit)

All provided long term actions:

- Education – Incorporate into curriculum for direct transition into workforce
- Passing renewable portfolio standard
- Integration & alignment of priorities (zoning, building codes, land use, etc.)
- Develop infrastructure/increased implementation of electric vehicles
- Develop mandate for RPS and goal to reduce coal generated power
- Renew investment tax credit – state and federal
- Set state/local renewable energy standard
- Remove prohibition on 3<sup>rd</sup> party owners
- Engage young leaders

## STRENGTHS

- ★ COLLABORATION ←
- ★ ↓ AMONG ACTIVE KNOWLEDGEABLE PEOPLE ESP. IN LOUISVILLE
- ★ DATA DRIVEN INCENTIVES
- ★ MANY RESOURCES

## CHALLENGES

- ★ STATE POLICY BARRIERS
- ★ LACK OF FINANCIAL RESOURCES (HIGH UP-FRONT CAPITAL COSTS)
- ★ LACK OF EDUCATION  
→ RESISTANCE TO CHANGE?

## SHORT TERM

- ① ECONOMIC INCENTIVES
- ① RAISE CAPITAL FOR PROGRAMS  
READY TO TAKE ACTION
- ① EDUCATE CITIZENS +  
POLITICAL LEADERS

## LONG TERM

⊗ PASS A RENEWABLE, ENERGY-EFFICIENT PORTFOLIO STANDARD

⊗ REMOVE PROHIBITION OF 3RD PARTY LEASING & OWNERSHIP

⊗ INCREASE ECONOMIC INCENTIVES (E.G., INVESTMENT TAX CREDIT)

- \* COLLECTIVE PARTNERSHIPS
  - \* OPEN ATTITUDE ~~FOR~~ BROAD SUPPORT
  - \* NUMEROUS RESOURCES CAN BE DEVELOPED
- 
- 2 \* POLICY BARRIERS
  - \* UPFRONT COSTS
  - \* MISCONCEPTIONS + RESISTANCE TO CHANGES
- 
- \* EDUCATION - CITIZENS + POLITICAL LEADERS
  - \* DEVELOP A PLAN WITH TARGETS FOR RENEWABLE ENERGY
  - SUPPORT GRASSROOT EFFORTS (E.G., EMPOWER KY) + WORK TO TRANSITION COAL COUNTIES TO NEW ENERGY
- 
- \* EDUCATION - INCORPORATE INTO CURRICULUM FOR DIRECT TRANSITION INTO WORKFORCE
  - \* PASSING RENEWABLE PORTFOLIO STANDARDS
  - \* INTEGRATION ~~OR~~ ALIGNMENT OF PRIORITIES (ZONING, BUILDING CODES, LAND USE, ETC.)

- 1 \* KNOWLEDGEABLE ACTIVISTS ALREADY ACTIVE
- \* GREAT COLLABORATION BETWEEN SECTORS → BIG ATTITUDE CHANGE
- \* ECONOMIC DATA-DRIVEN PROGRESS TO INCENT CHANGES FOR BUSINESSES

2 \* LEGISLATIVE POLICIES SPRINGING FROM COAL CULTURE - LACK OF ALTERNATIVES

\* GEOGRAPHIC POSITION

\* TECHNOLOGY CATCH-UP: NEED TO IMPROVE STORAGE + TRANSMISSION

\* TAKE ADVANTAGE OF CURRENT INCENTIVES TO INSTALL CLEAN/RENEWABLE ENERGY

\* CHANGE INCENTIVES; PENALTY POWER; SUBSIDIZE FIRST 2 MW AS CITY POLICY? PREFERRED EV PARKING?

\* RAISE CAPITAL FOR PROGRAMS READY TO TAKE ACTION (LSC)

\* DEVELOP INFRASTRUCTURE / INCREASED IMPLEMENTATION OF ELECTRIC VEHICLES

\* DEVELOP MANDATE FOR RPS + GOAL TO REDUCE COAL GENERATED POWER

\* RENEW INVESTMENT TAX CREDIT - STATE + FEDERAL

- ★ KY HAS HIGH LEVEL OF SOLAR INSOLATION - SOLAR DOES <sup>WORK IN KY</sup>
- ★ LOUISVILLE COMMUNITY SHOWS COLLABORATION TO ADDRESS COMMUNITY ISSUES
- ★ LOUISVILLE CAN LEAD STATE IN POLICY

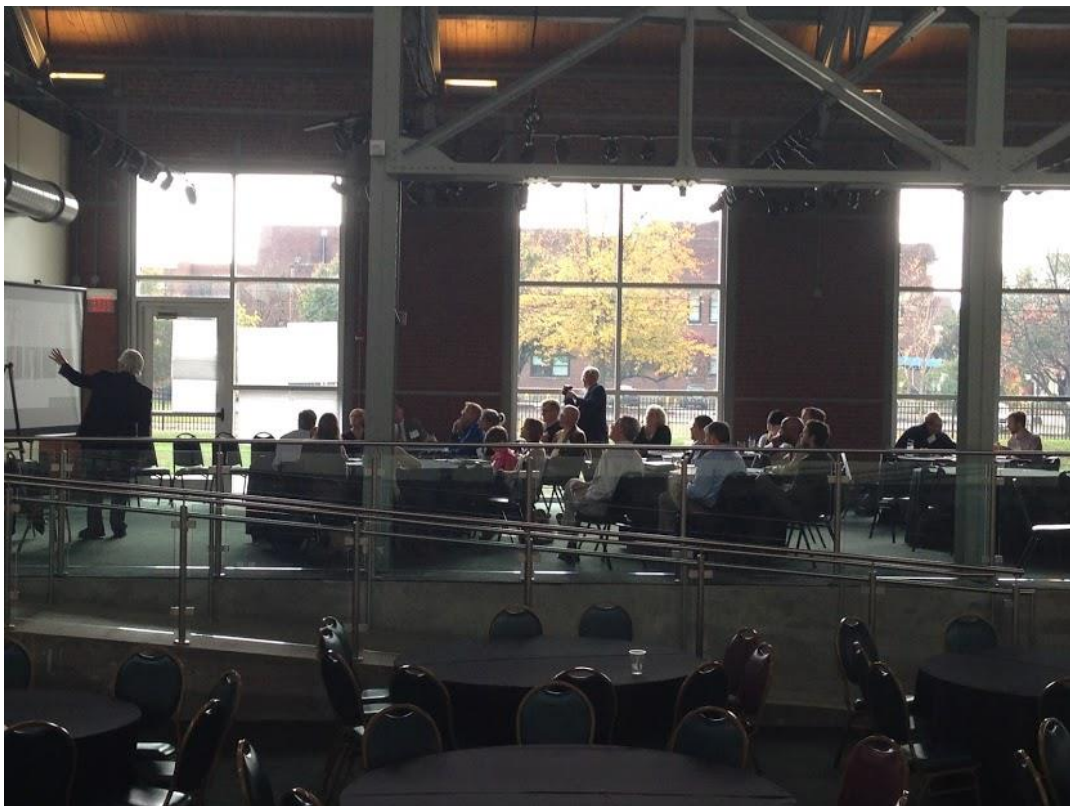
2 ★ KY HAS LEGACY OF LOW COST COAL STATE

- ★ PSC MANDATE IS FOR LOW COST ENERGY WITH NO RENEWABLE PORTFOLIO STANDARD
- ★ LACK OF FINANCIAL RESOURCES

3 ★ ADD MORE, NEW BIKE LANES

- ★ TRANSITION <sup>LOUISVILLE'S</sup> MOTOR FLEET TO NATURAL GAS OR ELECTRIC <sub>METRO</sub>
- ★ GROW COMMUNITY SOLAR OPTIONS
- ★ DRG, COMM. HOUSING GROUPS/UTILITY + COMM TO TAKE ADVANTAGE OF CIP INCENTIVES
- ★ SET STATE/LOCAL RENEWABLE ENERGY STANDARDS
- ★ REMOVE PROHIBITION ON 3<sup>RD</sup> PARTY OWNERSHIP
- ★ ENGAGE YOUNG ~~LEAD~~ LEADERS





Registration list for this track (actual participants may have been different):

Lisa	Abbott	Kentuckians For The Commonwealth
Robert	Chatham	Chatham Energy Consulting LLC
Bobby	Clark	Sustainable Business Ventures Corporation
Colleen	Crum	Volunteer
Tim	Darst	Kentucky Interfaith Power & Light
Don	Feeney	EVolve KY
Phyllis	Fitzgerald	
Nancy	Givens	LSC / Avery and Sun
Steven	Gravatte	Louisville Metro Air Pollution Control District
Keith	Hackett	Louisville Metro Solid Waste Management Services
David	Harpring	Yum! Brands, Inc.
Rachel	Hatch	Brown-Forman Corporation
Don	Hayden	M & M Cartage Co Inc
Joe	Hayden	M & M Cartage Co Inc
Cassia	Herron	American Red Cross
Steve	Hess	Low Creek Farm
Melissa	Howell	Kentucky Clean Fuels Coalition
David	Huff	LG&E and KU Services LLC
Will	Johnson	Graybar
Francois	Lebrasseur	GE
Wallace	McMullen	Sierra Club
Aaron	Pardieu	Kentuckians For The Commonwealth
Jay	Robertson	Earthwell Energy
Jennifer	Rutherford	
Jack	Rutherford	
Keith	Talley	Louisville Metro Air Pollution Control District
Andy	Tefertiller	UPS
Jay	Turner	Washington University in St. Louis
Jan	Van Zant	Habitat for Humanity ReStore
Bill	White	Humana Inc.
Brian	Zoeller	Bingham Greenebaum Doll LLP