

# KANSAS SOLAR ELECTRIC CO~OPERATIVES

**K-SEC PHASE I = 2006 to 2016**

## LOCAL SOLAR ELECTRICITY GOAL

**Produce+Install+Maintain 1,000 MWp  
BI-PV Solar Systems w/BOS Components**

**KS RANKS #1 RENEWABLE RESOURCES**

*'...goal to help ensure that Kansans have low cost, reliable and sustainable energy, produced in-state, to fullest extent possible'*

**Goal: KS 10% Demand-side Solar BI-PV**

**Double the benefit produce 100 MWp  
year at cost for hurricane-torn Louisiana**

## \$1.6 B BI-PV SOLAR ACTION PLAN

1,000 Residential 500 SF BI-PV Solar Gen.  
200 Commercial 2,500 SF BI-PV Solar Gen.  
= 10 MWp X 100 Counties = 1,000 MWp  
10% BI-PV Solar Electricity for Kansas  
Each K-SEC Cooperative = 5 People 100 kWp  
= 15 Homes at 5 kWp and 1 Building at 25 kWp  
KS Counties Establish *Solar Buildings Registry*

## K-SEC PHASE II = 2017 to 2050

**KANSAS EXPORTS SOLAR BI-PV  
100 Megawatt Peak BI-PV Solar Year**

*There is nothing more satisfying than  
doing the right thing ... and doing it well,  
today! That's what we're about!*

## Residential Photovoltaics

*Building Awareness and Momentum for an  
Alternative Energy Source*

**Design | Build Business Magazine**

**By Eileen M. Smith, M.Arch. Dec. 2003**

<http://www.rdbmagazine.com/FEATURES/2003-12/residential-photovoltaics.asp>

**30,000 SF BI-PV Solar Roof**  
Georgetown University in Washington, DC

Solar BI-PV  
*Natural  
Clean*  
30,000 SF BI-  
PV Roof  
Installed on  
Intercultural  
Center 1984



Generates  
One MWh  
*Non-polluting  
Fuel-Free*  
Electricity  
Daily  
\$57,000  
Yearly

Would you rather have *clean fuel-free  
solar BI-PV* generate your electricity  
or *fuel-driven \$\$ polluting coal plants?*



Two \$1 Billion 600 MWp COAL-FIRED  
PLANTS proposed in Holcombe, Kansas  
Polluting Kansans to Generate Electricity for Others?

## Kansas Solar Electric CO~OPERATIVES

Founder & Director Eileen M. Smith, M.Arch.  
719 Massachusetts #102 Post Office Box 2  
Lawrence, Kansas 66044

[www.geocities.com/Solar\\_Electric\\_Cooperatives](http://www.geocities.com/Solar_Electric_Cooperatives)  
[Solar\\_Electric\\_Cooperatives@yahoo.com](mailto:Solar_Electric_Cooperatives@yahoo.com)

*Join Fun K-SEC Fundraiser = Raise \$10 from 10 People*

Brochure Design by Eileen M. Smith, M.Arch.  
Founder & CEO Since 1992  
SOLAR DEVELOPMENT COOPERATIVE  
Speaker+Facilitator+Sponsor+Expert Witness  
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# KANSAS



## SOLAR ELECTRIC CO~OPERATIVES

N.E.W.S. Letter Vol. 2 No. 1 January 2006

**1,000 MWp Solar BI-PV by 2016**

**TEN 10 MWp SOLAR**

*Building-Integrated*

*Photovoltaics [BI-PV]*

**Manufacturing Museums**

**RURAL KANSAS**

**COMMUNITIES**

## Valentine Day Celebration

*Love the world via solar energy*

*hear excerpts from*

## “ELECTRICITY”

1,000 hearts of 1 MWp solar *decorated to Love*

**KU UNION Main Lobby 4<sup>th</sup> Floor**

**February 14, 2006 ~ All Day!**

Sponsored in part by Oread Bookstore  
Crafty & Company ~ Sponsors Welcome!

BOOK: 'ElectriCity® BEYOND THE CURVE  
OF DEREGULATION' released April 2005

## WHY FORM LOCAL

### Neighborhood Energy Watch Solution Groups N.E.W.S. Groups

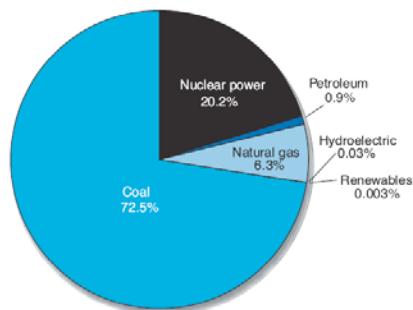


Figure 6—Kansas electricity production by fuel source, 2000 (EIA, *Electric Power Annual 2000*, vol.1, DOE/EIA-0348(2001/1), August 2001).

Kansas State Energy Resources Coordination Council  
<http://www.kansasenergy.org/2003EnergyPlan2.pdf> pg14

### KS ELECTRICITY PRODUCED 2000

COAL-FIRED STEAM = 72.5%

RENEWABLES = 0.003%

KANSAS RANKS 18<sup>th</sup> IN NATION FOR  
COAL MERCURY TOXINS = WESTAR'S  
JEFFREY CENTER RANKS 5<sup>TH</sup> IN USA  
IN 2005 SIX NEW COAL PLANTS  
PROPOSED [5] IN KS [1] IN MO = 40%

*Solution = Consumer Awareness & Intervention*

### Governor Kathleen Sebelius

Executive Order 04-05 June 1, 2004

Mandates 1,000 MWp Renewables 2015

[http://www.ks governor.org/docs/exec\\_order0405.html](http://www.ks governor.org/docs/exec_order0405.html)

### House Bill 2018 K.S.A. Chapter 17

### Renewable Cooperatives

written by Representative Tom Sloan 2003

<http://www.dsireusa.org/documents/Incentives/KS04Rb.pdf>

## CONSUMERS CAN MONITOR DECISIONS VIA THE INTERNET



Burning Coal = Mercury +  
Carbon Pollution & Particulates

- ✓ Damages Fetuses
- ✓ Brain Damage
- ✓ Crop & Water Pollution
- ✓ Airborne Contaminants Coal

Contributes to Respiratory Ailments, Asthma,  
Heart Disease, Kidney Disease, Cancer, Birth  
Defects, Acid Rain & Global Warming!

COAL LOOKS BAD+SMELLS BAD & IS BAD FOR YOU!

### SOLUTIONS

- Affordable Renewable Alternatives
- Solar BI-PV Demand-side Electricity  
To Increase National Security
- New Access to Decision-Making  
Via Internet & E-mail Establish  
Unprecedented Opportunity for  
Consumer Consensus in Decisions

### ENVIRONMENT & COAL-RELATED DECISIONS

[http://www.kansasenergy.org/coal\\_projects.htm](http://www.kansasenergy.org/coal_projects.htm)

1. Kansas City Power & Light [KCP&L]  
KCP&L Docket #: 04-KCPE-1025-GIE  
See April 27, 2005 to Discover Signatories in Case!
2. WESTAR Docket #: 05-WSEE-981-RTS  
\$84M Rate Demand cut to \$3M w/no mention of coal  
proposal. Costs of new Environmental laws passed to  
*captured ratepayers. Creates false market signals.*

### COAL PLANT PROPOSALS

3. & 4. Sunflower Electric Power Corp.
  - Two 600 MWp Coal-Fired Holcomb, Kansas
  - Polluting Kansans for Colorado, E.Lovins, NREL, etc.
5. Goodland, Kansas Coal Fired Plant  
[www.geocities.com/Solar\\_Electric\\_Cooperatives/GOODLAND\\_COAL\\_FIRED.pdf](http://www.geocities.com/Solar_Electric_Cooperatives/GOODLAND_COAL_FIRED.pdf)
6. Kansas City, Kansas Muni Coal-fired Plant  
[http://www.fossil.energy.gov/news/techlines/2005/tl\\_coal\\_plant\\_database.html](http://www.fossil.energy.gov/news/techlines/2005/tl_coal_plant_database.html)

### DEMAND PUBLIC VOTE &

*official consideration* of Governor's 1,000 MWp  
Renewables Mandate & KS HB 2018 in *Every*  
Energy Agency Proceeding/Decision 2005 to 2020

## INTERVENE TODAY! FORM LOCAL N.E.W.S. GROUPS

1. Reduce Surprises Monitor on Internet
2. Establish Consumer Consensus
3. Increase Use of Solar Electricity

NON-PARTISAN CONSUMER CONSENSUS  
= LEGAL STANDING vs Public Hearings

DO NOT HAVE TO BE ATTORNEY

DOCKET DOCUMENTS VIA E-MAIL

DELIVER & FILE 1 ORIGINAL 7 COPIES

BRING 2 COPIES TO FILE-STAMP FOR YOU

KANSAS CORPORATION COMMISSION

KCC Website: <http://www.kcc.state.ks.us/>

Q. What Is Missing on KCC's Website?

ANSWER 1: GOVERNOR SEBELIUS's

Mandate 1,000 MWp RENEWABLES

Executive Order 04-05 June 1, 2004

ANSWER 2: House Bill 2018 Adopted 2003

Renewable Cooperatives 5 people every 100 kWp

Click on Docket Filings in Menu on Left

Type Docket # in Window of Opportunity

Utilities | KCC Violate Sunshine Laws and  
Kansas Open Meetings Act [KOMA]  
Consumers Not Timely Informed

KCP&L Docket Initiated in May 2004

Consumers Not Notified Until June 2005

SOLAR DEVELOPMENT COOPERATIVE

Intervention Blocked KCP&L *Claims Untimely*

### SDC/Smith Petition to Intervene

<http://www.kcc.state.ks.us/scan/200506/20050621155748.pdf>

### KCPL Objection to SDC Intervention

<http://www.kcc.state.ks.us/scan/200506/20050627081409.pdf>

### SDC/Smith Rebuttal KCPL Objection

<http://www.kcc.state.ks.us/scan/200507/20050705164525.pdf>

### Order Denying SDC Intervention

<http://www.kcc.state.ks.us/scan/200507/20050707085122.pdf>

### SDC/Smith Petition to Reconsider

<http://www.kcc.state.ks.us/scan/200507/20050722164833.pdf>

File YOUR Condensed Petition Available At:

[www.geocities.com/Solar\\_Electric\\_Cooperatives](http://www.geocities.com/Solar_Electric_Cooperatives)