

Lawrence Sustainable Homes and Business Tour

Saturday, September 10th • 10:30 AM & 1:30 PM

Bus tours leave from the Community Building, 115 W. 11th Street

Tickets: \$10 adult, \$3 child under 14, on sale at the Energy Fair starting at 10:00AM.



Douglas County Extension Office

- 4.2 kW solar
- Energy audit instigated multiple savings upgrades; programmable thermostats, switch to T-8 fluorescent lighting, weather-stripping, crack sealing and added insulation

10:30 AM



Tenants To Homeowners

- Passive solar design
- Staggered framing technique reduces heat loss and allows for increased insulation
- Concrete floor provides thermal mass
- High efficiency windows
- Air source heat pump

10:30 AM

Larsen Residence

- Geothermal heating and cooling system
- Efficiency Kansas energy audit
- Added attic insulation
- Newer, efficient windows

10:30 AM



KU Center for Design Research

- LEED platinum certified
- Photovoltaic, solar hot water and geothermal
- Passive solar design
- Wind turbine
- Electric vehicle charging station
- 'Smart Grid' metering

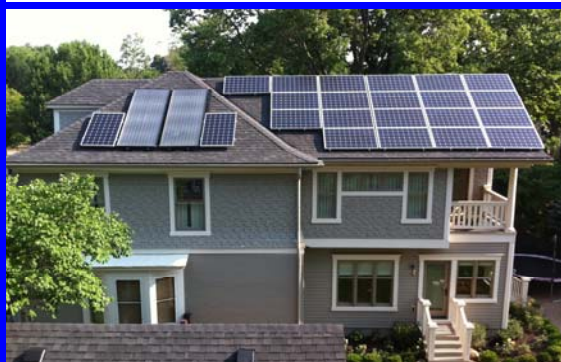
10:30 AM

1:30 PM

Ezell-Morgan Home

- Energy Star qualified new construction
- Energy efficient design includes spray foam insulation, heat pump and 'Fast Hot Water' system
- Home Energy Rating (HERS) of 57

1:30 PM



Cromwell Residence

- 6 kW solar
- Solar hot water
- Passive solar design
- Upgrade to high efficiency windows, HVAC and added insulation

1:30 PM