

State Energy Program Energy Resilience Projects in Kentucky

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KENTUCKY OFFICE OF ENERGY POLICY (OEP)

AMANDA LEMASTER
ENERGY ASSURANCE COORDINATOR



KY Energy Assurance Tool Kit



Kentucky Energy Assurance Tool Kit

SEP FY 2020

\$25,000.00

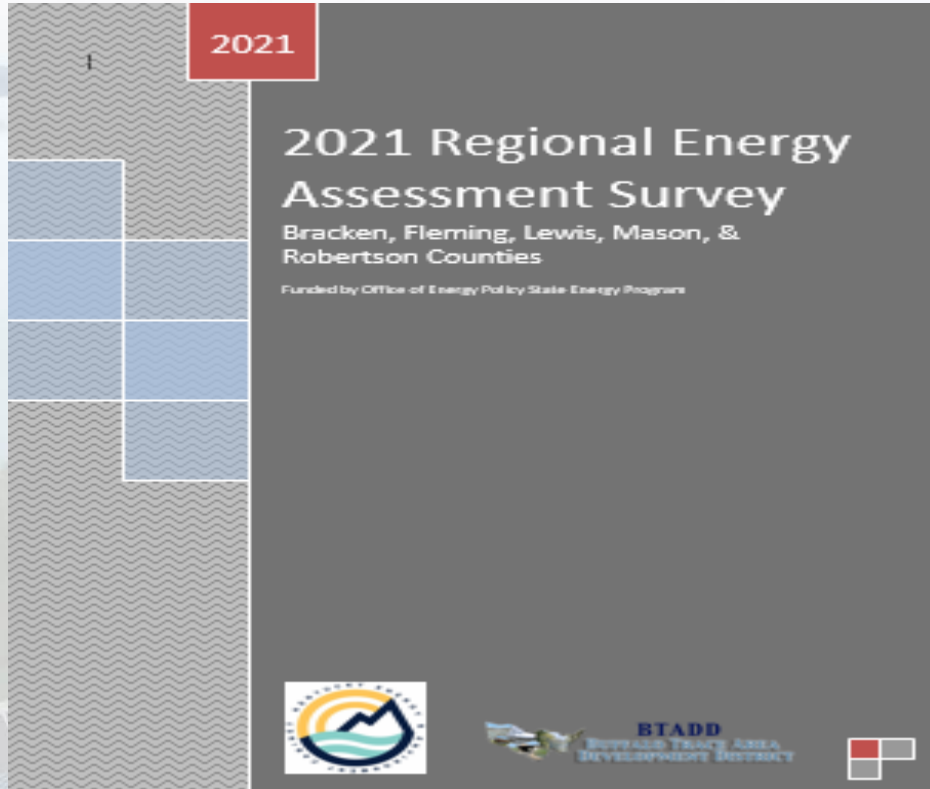
SOW: Develop Energy Assurance Toolkit for local planning

RESULTS:

10 step process, specially aligned with local requirements, resources, and local vulnerabilities. (Not just for KY)



Bracken Co. Energy Assessment Survey



SEP FY 2021

\$25,000

SOW: Assess Critical Facilities in 5 counties for energy capabilities.

RESULTS:

108 CF surveyed, 78 received

Final Report is under review



KY Micro-Grid Deployment Study



SEP FY 2021

\$70,000

SOW: Produce a study to identify potential micro-grid deployment strategies.

RESULTS:

Evaluated 6,640 critical infrastructure facilities

58 nanogrid installations

12 regional community microgrids.



Structural Insulated Panels-Building for Resilience



SEPFY 2019

\$6,000

SOW: Provided a 2 day SIPs training in 2019 for contractors on Structural Insulated Panel building techniques that improve energy efficiency and resilience of the affordable housing stock.

RESULTS:

7 contractors trained



Insulated Concrete Forms-Building for Resilience



SEP FY 2021

\$10,000

SOW: This event demonstrates how to achieve dramatic energy savings and disaster resiliency provided by insulated concrete forms (ICF). It will describe why and how ICFs optimize the building envelope and minimize property losses due to disasters

RESULTS:

80 participants



BRIC-KY Regional Energy Resilience Project



Contacts

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