State Energy Program
Energy Resilience Projects in Kentucky
August 4, 2021

KENTUCKY OFFICE OF ENERGY POLICY (OEP)

AMANDA LEMASTER
ENERGY ASSURANCE COORDINATOR
KY 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
$6,0000

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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