Connected Communities Data Pilot

A pilot project to gather data across three focus areas to create "community profiles" that will allow for self-assessment and benchmarking to identify opportunities and develop project business cases based on data-driven insights.

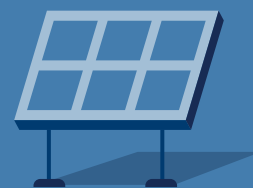**GUIDING CRITERIA**

Pilot focus areas

Equitable access to services

Everyone in the Valley has access to services through broadband, modern technology, and the knowledge to use it.

Economic empowerment

Everyone in the Valley is economically secure and can contribute to a modern, 21st century economy to the best of their ability.

Energy and environmental justice

Everyone in the Valley has access to a healthy environment (natural and built) and reliable, affordable, & clean energy.

PILOT ACTIVITIES

Create community profiles

DATA

Catalog datasets

- TVA-provided
- LPC-partner provided
- Community-provided
- Publicly available

ANALYSIS

Assess opportunity

- Answer research question
- Benchmark community to peers
- Develop comparison visualizations such as GIS Mapping

OUTPUT

Provide recommendations

- Business case foundation
- Pilot opportunities
- Community profiles

The ideal partner

1

Has a research question that is closely aligned to at least one of the focus areas

2

Has a clear scope that is still in the initial stages of investigation

3

Has interest in identifying areas for potential projects

4

Is an LPC, or is a Community willing to collaborate with its LPC

5

Is willing to share datasets with TVA to develop a community profile

TVA

- ✓ Utilize data from pilot partners and publicly available data sets to answer a specific research question and develop recommendations not only for that community but for the Valley as well
- ✓ Validate the feasibility of creating Community profiles, and which data sets are most appropriate
- ✓ Learn how benchmarking can provide value to the pilot community
- ✓ Explore the feasibility of creating unique community specific resources
- ✓ Determine TVA's role in supporting benchmarking activities
- ✓ Develop a data-driven approach and foundation for the Connected Community business cases

Partners

- ✓ Address specific research question through recommendations
- ✓ Revealed opportunities for future projects from the developed community profile
- ✓ Increased understanding and access to data that is publicly available or sharable by TVA
- ✓ Data-driven approach to develop the foundation for their Connected Community business cases

TVA

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Guidehouse

Communities

TBD

Timeline
2021

May/June
Identify Community partner and research question

June
Identify datasets needed

June/July
Develop database

June/July
Analyze and benchmark community

July/August
Develop community profile

July/August
Refine community profile and develop recommendations for guidebook

August
Create summary of findings

August/September
Completed case study to evaluate the potential of guidebook interactivity

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