



Sustainability Planning & Oil and Gas Update

City Council Meeting March 6, 2023



Sustainability Update



Sustainability Update

- Environmental Policy Advisory Committee
 - Interviews

Grant Application (s)

- Clean Energy Communities (C2C)
- EJ Government to Government
- Long Duration Storage
 - Super Energy
 - Letters of Support
 - Narrative Complete
- Low Impact Development (LID)
 - DRAFT Guidance Document

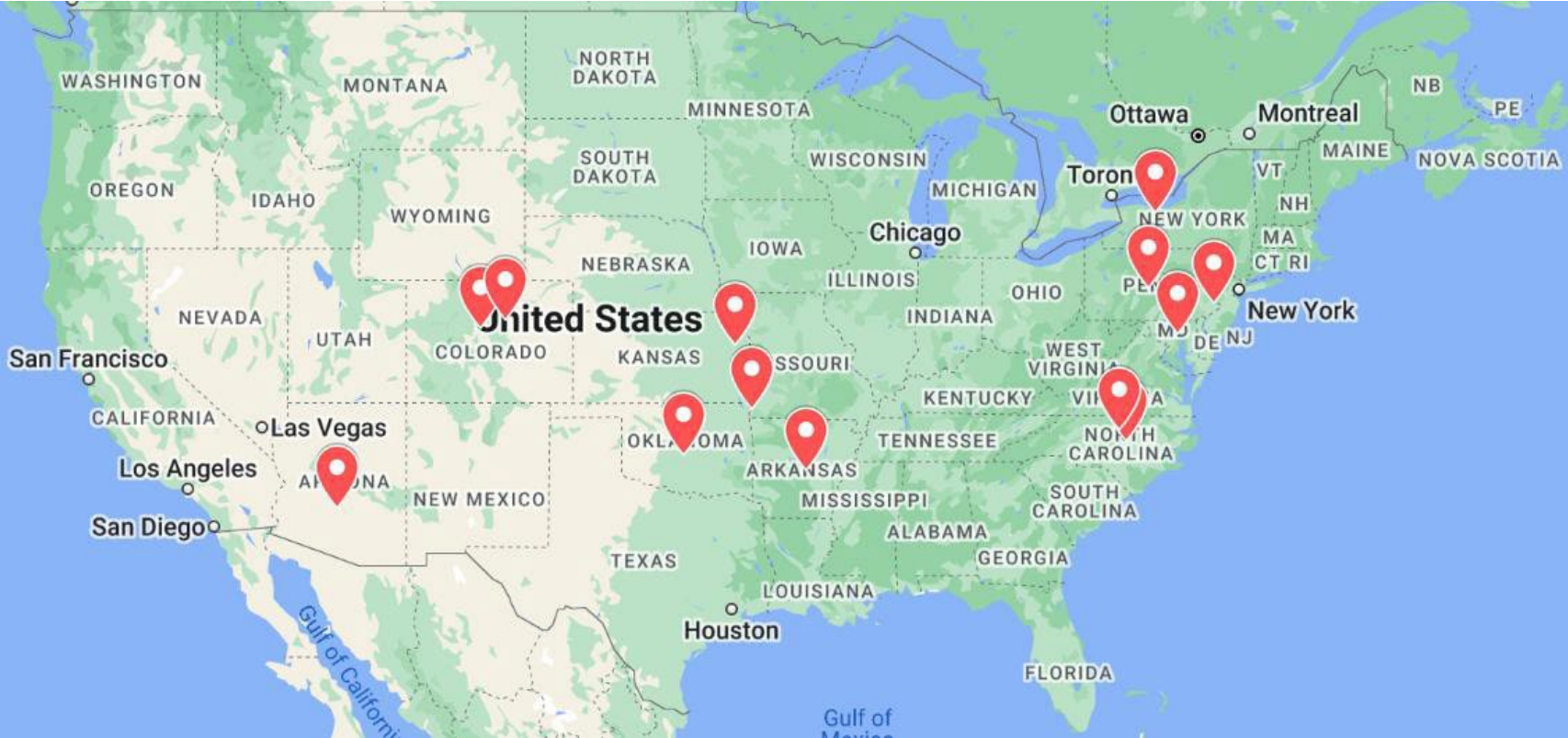


Cohort Purpose and Outcomes

Purpose: This education-focused cohort will help local governments that are just starting on the pathway to clean energy. Participants will learn the fundamentals of energy systems and regulation, hear strategies for municipal and community-wide clean energy, assess their available RE procurement options, and understand available tools and data for scenario planning.

Outcomes: Local governments will identify 1-3 near-term, high-impact strategies for implementation of clean energy within their jurisdiction.

Moving from
Idea to
Implementation:
Starting on the
Pathway to
100% Clean
Energy



Apex, NC
 Baltimore, MD
 Breckenridge, CO
 Bucks County, PA
 Centre Region COG, PA

Commerce City, CO
 Dillingham, AK
 Eastern Shawnee Tribe of
 OK
 Lawrence, KS
 Little Rock, AR

Norman, OK
 Orange County, NC
 Phoenix, AZ
 Rochester, NY



Commerce
CITY

Cohort Workshop Schedule

Understanding electricity sector emissions and establishing a clean energy goal

January

Strategies for municipal operations and renewable energy procurement

March

Engaging with your utility on clean energy deployment

May

February

Energy system fundamentals: Setting the context for your city's available strategies



April

Strategies for achieving community-wide clean energy progress



June

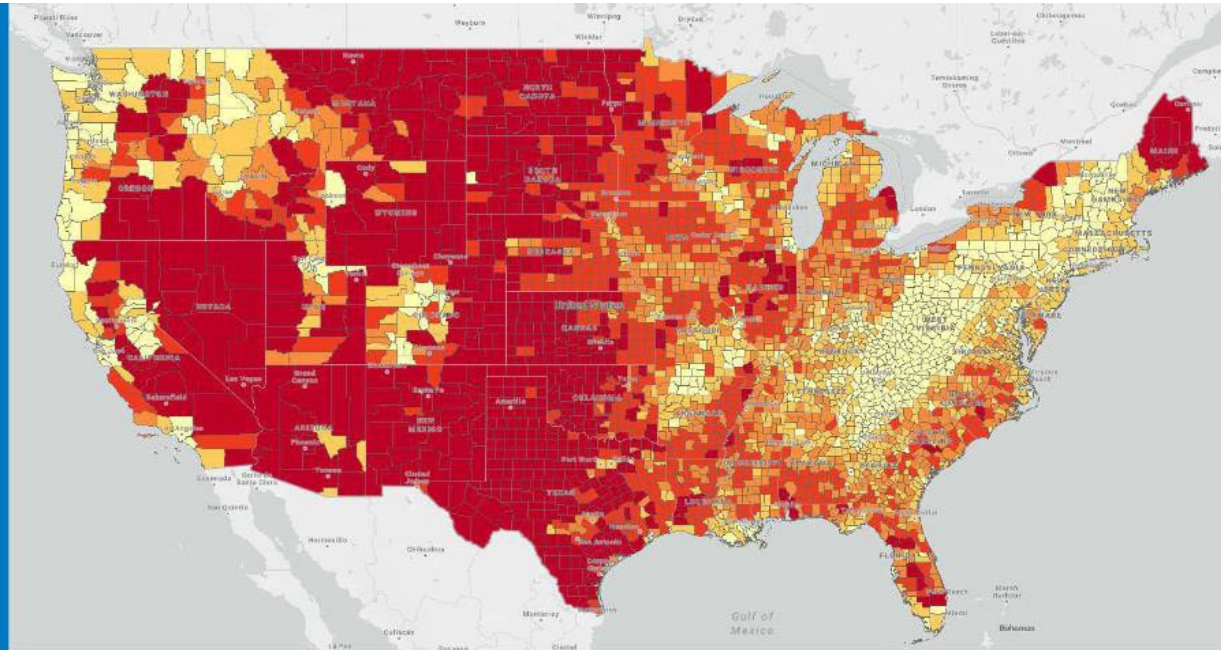
Best practices for clean energy planning and identification of actionable strategies



Utility-Scale PV Generation Potential

Comparing SLOPE modeled electricity consumption for each county with the technical generation potential in each county, we found:

- Utility-scale PV technical generation potential could cover an average of 59,254.3% of electricity consumption, and
- Residential and commercial rooftop PV technical generation potential could cover on average 45.2% of electricity consumption



Map Legend

(MWh)

93,232,660 +

55,107,860 - 93,232,660

33,598,300 - 55,107,860

12,366,850 - 33,598,300

0 - 12,366,850

<https://gds.nrel.gov/slope>

Source: <https://www.nrel.gov/docs/fy21osti/79851.pdf>



Oil and Gas Update



City Oil & Gas Permit Applications

- Staff met with Civitas representatives and Jason Pock, Westside Investments and Ryan McDermed the developers for Reunion and TR Ranch regarding the required CUP and Re zoning applications.

| Site Name | Case Number | Operator | Council Action Required | Well Count |
|-----------|-------------|----------------------------------|-------------------------|------------|
| Pelican | OG-002-19 | Extraction Oil and Gas (Civitas) | Conditional Use Permit | 28 |
| Blue Jay | OG-004-19 | Extraction Oil and Gas (Civitas) | Rezoning | 18 |

City Oil and Gas Permits

The Pelican Pad: OG-002-20, CU-125-20 (Reunion PUD) and Blue Jay OG-004-20 (TR Ranch) to discuss the submission of revised and new documentation including but not limited to:

Pelican:

- A subdivision Plat for the OGP area, as referenced by the PUD Amendment;
- An updated map identifying existing pipelines in the vicinity of the lateral and horizontal piping;
- An updated map of existing, proposed, abandoned and plugged wells in the vicinity of all lateral and horizontal wells and current status.

Blue Jay:

- A submission for zoning the OGP site into the TR Ranch Planned Unit Development;
- An updated map identifying existing pipelines in the vicinity of the lateral and horizontal piping.

Change in COGCC mission and role of local governments since the proposal will include state primacy for condemnation to install pipelines and Class 6 injection wells.



Suncor

- DRAFT letter regarding Permit Non-Compliance
- Staff met with Brendan Lawlor, Denver Air Pollution Analyst and provided exceedance data. Brendan will be examining the information against the states temporary air monitor.
- No published exceedance data since January 15, 2023.





Questions?

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City Council Meeting January 2022