

Louisville Sustainability Advisory Board

Agenda

July 15, 2019
City Hall, 749 Main Street, Spruce Room
6:30 - 8:00pm

1. 6:30PM Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes
5. 6:35PM City Staff Updates (10 minutes)
6. 6:45PM City Council Liaison Updates (10 minutes)
7. 6:55PM Public Comments on Items Not on the Agenda (5 minutes, more as needed)
8. 7:00PM LSAB Member Updates and Reports 5 minutes, more as needed)
9. Discussion Item: Sustainability Action Plan Updating
10. Discussion Item: Green Business LSAB Outreach Status
11. Administration Tasks
 - A. Log Volunteer Hours
 - B. Work Plan Review for Next Meeting
12. Adjourn

Louisville Sustainability Advisory Board

Meeting Minutes: Wednesday, June 11, 2019

City Hall, 749 Main Street, Spruce Room

Chair: Allison Johanson

Secretary: Melanie Dubin

1. **Call to Order:** The meeting was called to order at 6:35pm by Allison Johanson. Minutes taken by Melanie Dubin.
2. **Roll Call:** (Members present in bold): **Seth Adams, Allison Johanson**, Laura Levesque-Catalano, **Marianne Martin, Mark Persichetti, Melanie Dubin**; City-Council Liaison Jay Keany; City Sustainability Coordinator **Katie Baum**; Resident Debbie Fahey.
3. **Approval of Agenda:** The Meeting Agenda was approved as-is.
4. **Approval of Minutes:** The Meeting Minutes for May 15 were approved as-is.
5. **City-Staff Updates, Katie Baum:**
 - A. **Green-Business:** Katie reviewed the Green Business Workshop schedule for remainder of year.
 - September 17th**, Sustainable Transportation for your Employees Workshop @ TBD, hosted by Commuting Solutions
 - October 16th**, Sustainable Purchasing Practices Workshop @ TBD, hosted by Matt LeBeau and EcoCycle
 - TBD** (most likely late March/Early April), Renewable Energy/Solar workshop with installers
 - B. **Excel Energy Benchmark:** 2018 data highlights can be found here <http://www.louisvilleco.gov/residents/city-sustainability> and additional information about Louisville's partnership with Excel can be found here <http://www.louisvilleco.gov/residents/sustainability/energy/energy-futures-collaboration>.
 - C. **Transportation Master Plan** – A draft for public review may be ready June 26.
 - D. **Waste Management Transition:** City is in process of planning neighborhood meetings with Republic Waste Services to spread the word and encourage composting and recycling. Republic is attending events throughout the summer to continue engaging with the community.

City of Louisville

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E. Sustainability Outreach: Katie reviewed several upcoming workshops throughout the summer to encourage sustainable solutions for living, commuting, and working. The highlight will be a Green Living Fair where residents can stop by and learn about sustainability initiatives and incentives – for example – the home energy audit. This fair will take place September 21 at the Library during and after the Saturday Farmers Market.

F. Laura and Mark went on tour of A1 Organics to better understand how the facility processes Louisville's organic waste (i.e. composting).

G. Taste of Louisville: The City's goal of Zero Waste was difficult to achieve; many vendors still offered non-compostable materials. LSAB members discussed various leverage points to help facilitate achieving this goal, including through the permitting process, through communication with vendors, and through broader engagement with the City's Chamber of Commerce, who sponsors this event and other events throughout the year.

6. CC4CA: Katie reviewed Colorado bills that were recently signed into effect impacting GHG emissions, PUC authority, infrastructure, and the extraction industry. All of these will have significant impact on Colorado's total energy mix, emissions profile, and infrastructure priorities.

7. Energy Futures Update: City implementing EnergyStar Portfolio. Facilities Manager is working with Excel Energy to benchmark energy expenditure of City buildings. LSAB members suggest using Utility Bill Inserts to disseminate other utility/energy/water-related programs.

8. Sustainability Action Plan Update: Katie reviewed the importance of having concrete goals for helping the City align its energy performance with Colorado's climate goals, and articulating clear and concrete steps for moving forward.

9. Louisville Renewable Energy Performance Katie reviewed the Xcel Presentation that articulates the City's current and target (Xcel) electricity generation mix for municipal use. She also reviewed Louisville's own community goals independent of any one energy provider. LSAB members strongly encouraged the city to adopt an ambitious emission reduction goal that goes beyond incremental improvements, as something for the public to engage with, set policy towards, and get excited about. In addition, a long-term ambitious emission reduction goal would help Louisville align its activities and policies with both Boulder County and Colorado law.

10. Board Chair Elections for 2019-2020: Allison Johanson was unanimously elected as Board Chair. LSAB expressed gratitude for her ongoing commitment.

11. Public Comments on Items Not on the Agenda: LSAB members would like opportunities to provide input into 1) the City's proposed energy and emissions goals, 2) the Sustainability Action Plan, and 3) other far-reaching plans and measures, before they are written in stone. This will allow the to collaborate with and help inform City policy, as per the LSAB mission.

To allow for this collaboration to take place prior to policy decision-making, Katie indicated she is working on building out a transparency and communication pipeline.

12. LSAB Member Updates and Reports: NA

13. Administration Tasks:

A. Log Volunteer Hours for the month of May 2019

Board Member	Activities	Hours
Seth Adams	Meeting prep, attendance	3
Melanie Dubin	Meeting prep, attendance, other meetings	2
Allison Johanson	Meeting prep, attendance, other meetings	4
Laura Levesque-Catalano	Meeting prep, attendance, other meetings	-
Marianne Martin	Meeting prep, attendance	2.5
Mark Persichetti	Meeting prep, attendance, AI Organics visit	8
	Total Hours	19.5

B. Work Plan Review for Next Meeting: Transportation Master Plan update and Sustainability Action Plan Update and check-in. LSAB members requested that the Sustainability Action Plan become a standing item on the agenda to ensure there is opportunity for continued collaboration.

14. Adjourn: The meeting adjourned at 8:44 pm.

2019 LSAB Meetings Schedule, Deadlines, Meeting Assignments

If you are unable to fulfill your assignment, you are responsible for finding a replacement. Minutes should be sent to LSAB Chair within 2 weeks of the meeting they were recorded for.

	Meeting Date	Chair *	Secretary *
January 6	January 16	Allison	Dan
February 11	February 20	Allison	Marianne
March 11	March 20	Allison	Seth
April 7	April 17	Allison	Laura
May 5	May 15	Allison	Mark
June 3	June 11	Allison	Melanie
July 7	July 15	Allison	Marianne
August 11	August 21	Allison	Seth
September 8	September 18	Allison	Laura
October 6	October 16	Allison	Mark
November 10	November 20	Allison	Melanie
December 8	December 18	Allison	Marianne

*A crossed-out name followed by a second name denotes a substitute.



SUSTAINABILITY

CITY OF LOUISVILLE

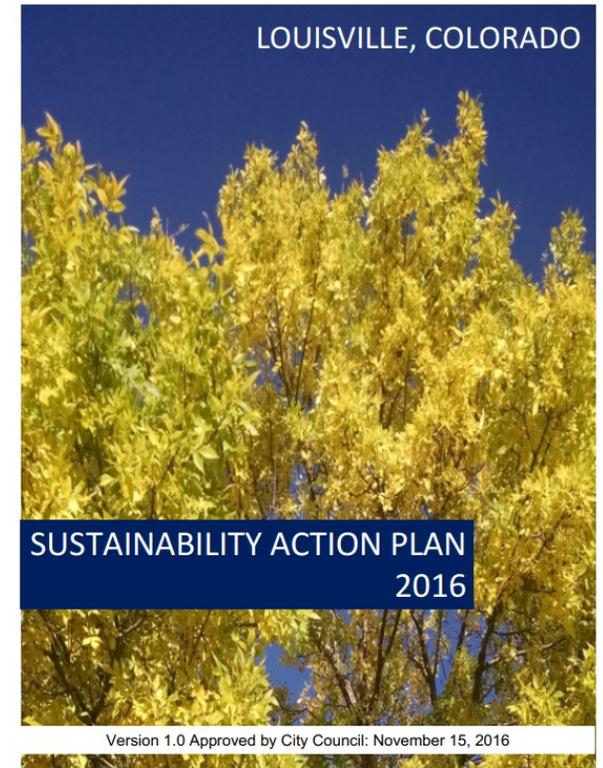
Energy

Energy

In November 2016, City Council passed the Louisville Sustainability Action Plan drafted by the Louisville Sustainability Advisory Board.

CLIMATE & ENERGY

Reduce energy consumption, increase the use of clean energy and transition away from fossil fuels.



On July 5, 2017, City Council further advanced its commitment, voting to advance Resolution 34-2017 in support of the Paris Climate Agreement.

What does that do? Commits to reducing greenhouse gas emissions, joins 400 other US cities, representing over 70 million Americans.

On September 7, 2018, the City of Louisville and Xcel Energy entered into an Energy Future Collaboration.

The City and Xcel Energy developed the Energy Future Work Plan as a guiding document for action items and focuses on information sharing, alternative energy and carbon reduction goal setting, energy efficiency, transportation electrification and greening economic development.

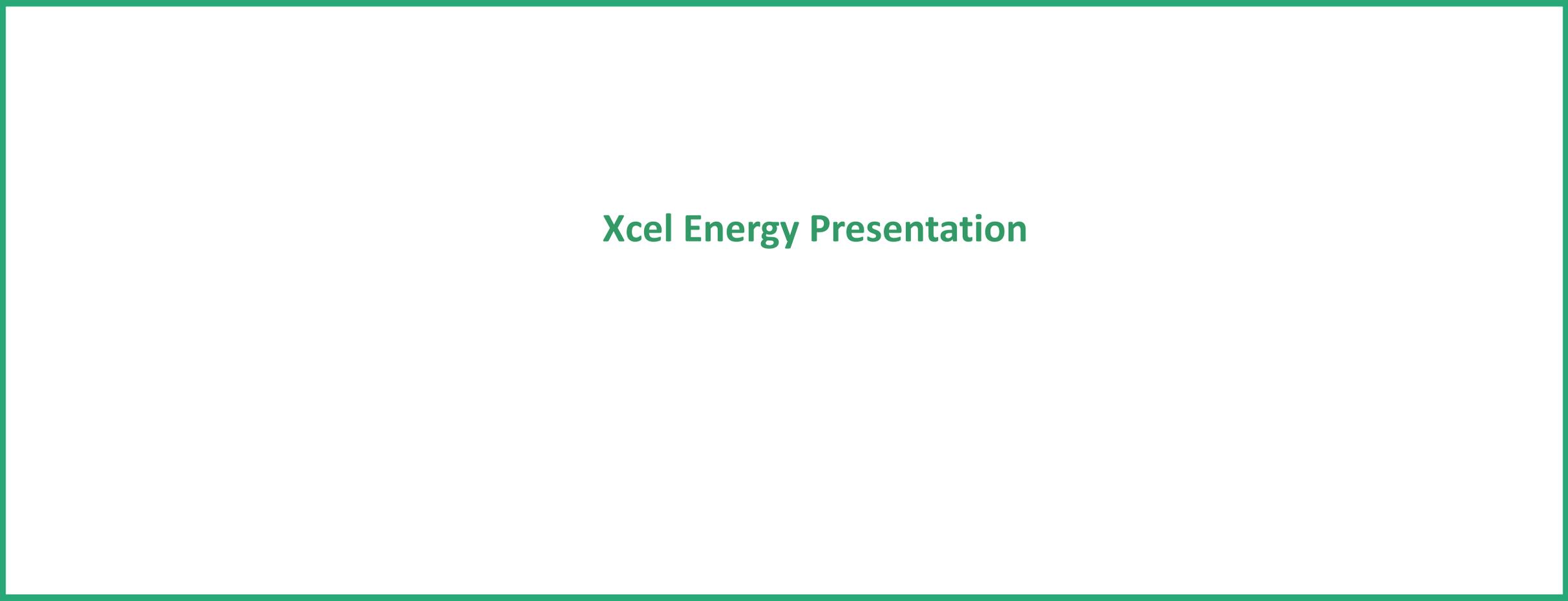


LOUISVILLE &
XCEL ENERGY—
COLORADO
ENERGY FUTURE COLLABORATION
WORK PLAN





**RENEWABLE INTEGRATION AND EMISSIONS REDUCTION
GOAL SETTING**



Xcel Energy Presentation

Colorado Communities – Renewable Goals

Lafayette

100% renewable energy for
electricity by 2030

Lakewood

Generate 45 percent of municipal,
residential, commercial and
industrial energy from renewable
sources by 2025

Longmont

Increase renewable energy
to 100% of Longmont's
energy mix by 2030

Boulder County

Meet all of Boulder County's
internal electricity needs
with 100% renewable
energy by 2025

Colorado Communities – Renewable Goals

Lafayette

Achieve 80 percent reductions in greenhouse gas emissions community-wide by 2050

Longmont

Reduce core GHG emissions 66% from the 2016 baseline by 2030

Lakewood

- Reduce community-wide greenhouse gas emissions by 50 percent below 2007 levels by 2050
- Reduce municipal greenhouse gas emissions annually through 2025

Boulder County

- Reduce countywide GHG emissions by 45% below 2005 levels by 2030
- Reduce countywide GHG emissions by 90% below 2005 levels by 2050

Proposed Goals

Municipal:

- Meet all of the City of Louisville's municipal electricity needs with 100% carbon-free sources by 2025. (28% gap in 5 years)
- Reduce core municipal greenhouse gas emissions annually from the 2016 baseline through 2025.

Community-wide:

- Generate 75% of Louisville's residential and commercial electricity from carbon-free sources by 2030. (17% gap in 10 years)
- Reduce core community-wide greenhouse gas emissions annually from the 2016 baseline through 2030.

Goal Setting Timeline

May: Initial discussion with Council Liaisons

June: LSAB update provided by Staff

July: Council presentation/adoption by City staff, direction from Council on proposed goals and potential strategies and their feasibility/cost. Also include transparency and communications outline

Volunteer!

Event: Republic Neighborhood Meeting - Centennial Park

Date: Tuesday, August 20, 2019

Time: 6-7 pm

Name

1

2

Event: Republic Neighborhood Meeting - Harper Lake

Date: Thursday, August 22, 2019

Time: 6-7 pm

Name

1

2

Event: Republic Neighborhood Meeting - Heritage Park

Date: Friday, August 23, 2019

Time: 6-7 pm

Name

1

2

Event: Sustainability Series - How to Ride

Date: Wednesday, September 11, 2019

Time: 5:30 - 7 pm

Name

1

Event: Sustainability Series - Green Living Fair

Date: Saturday, October 12, 2019

Time: 12:30 - 3:30 pm

Name

1

2

Memorandum

To: Louisville Sustainability Advisory Board

From: Katie Baum, Sustainability Specialist

Date: July 15, 2019

Re: Staff Updates

General

- Green Business workshops update:
 - April 16th – Marketing your Green Business: **15 attendees**
 - May 9th - Electric Vehicle Charging Station Workshop & EV Test Drive: **20-25 attendees**
 - June 18th – Commercial Water Conservation: **11 attendees**
 - July 25, 3:00pm, My Green Workplace/Office Sustainability Workshop @ Baille Barbour State Farm in Erie, hosted by PACE and Xcel's Partners in Energy
 - September 17th, Sustainable Transportation for your Employees Workshop @ TBD, hosted by Commuting Solutions
 - October 16th, Sustainable Purchasing Practices Workshop @ TBD, hosted by Matt LeBeau and EcoCycle
- Staff will go before Council with proposed emissions reduction and carbon-free energy integration goals on July 30th. Xcel Energy staff will be at the meeting to field any auxiliary questions from Council.
- The City applied for a Charge Ahead grant on February 15th for a Level 2 charger to be installed at the newly renovated Recreation Center. Staff has received three bids for the equipment and installation and is moving forward through the selection.
- Staff has finalized a Municipal Electric Vehicle Plan, which provides guidelines for future EV adoption and preparedness action items.
- Republic Services will be taking part in City events throughout the summer, as well as ongoing communications regarding service. Four neighborhood meetings will take place in August at corresponding neighborhood parks. Republic will be on-hand to answer residents' questions and additional services available through the organization. Staff will also be at a booth promoting recycling and compost education and giving away 15 kitchen compost pails at each meeting with "how to" information included.



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- Tentative dates for those neighborhood meetings are **(SEEKING VOLUNTEERS TO SUPPORT)**:
 - August 20 - Tuesday Service - Centennial Park
 - August 21 - Wednesday Service - Memory Square
 - August 22 - Thursday Service - Harper Laker
 - August 23 - Friday Service - Heritage Park
- For Bike to Work Day, over 200 people stopped by the City's breakfast station for pancakes, giveaways and goodies!
- 17 Louisville residents participated in this year's Mow Down Pollution events in Westminster and Commerce City and traded in gasoline powered lawnmowers for electric lawnmowers, as well as picking up additional electronic landscaping equipment.
- Employees at the City will be growing their recycling and composting knowledge! A Boulder County PACE advisor will be joining City staff for four outreach events at four separate facilities in November to go over proper recycling and composting practice.
- Sustainability Series and Additional Planned Outreach **(SEEKING VOLUNTEERS TO SUPPORT)**:
 - August: Republic Services Neighborhood Meetings
 - September 11th: Public Transit in Louisville: How to Ride with Commuting Solutions
 - October: Green Living Fair @ Louisville Library
 - Fall 2019
 - Know Before You Go: Electric Vehicles with CSU Energy Extension
 - Multimedia – film showing
 - The Biggest Little Farm @ Louisville Library with Louisville Community Garden
- Next steps – Seeking volunteers for upcoming events. Please sign up on volunteer sheet if interested or available.



Memorandum

To: Louisville Sustainability Advisory Board

From: Katie Baum, Sustainability Specialist

Date: June 15, 2019

Re: Discussion Item 9: Sustainability Plan Update

Summary

In 2012, the Louisville Sustainability Advisory Board developed the Louisville Sustainability Action Plan, which is intended to articulate Louisville's vision to create a more sustainable community, as well as provide a roadmap for achieving our collective goals.

Adopted by City Council in 2016, the plan includes guidelines for internal City operations, as well as community-wide approaches for residents and businesses. In general, the current plan has a focus on environmental impacts and their potential economic benefits.

Due to the nature of the Plan as a guiding and living document, staff and LSAB has identified necessary updates for the Plan and has started work to amend the framework. Over the course of 2019, discussions and dialogue between staff and LSAB will be ongoing regarding necessary updates and will be discussed by topic area.

The first discussions will be in July and will focus on formatting and missed topic areas. Topic areas will be reviewed by December of 2019. A final document is set to go before City Council in April 2020.

Current Formatting

The current Plan format is as follows:

- LSAB Welcome
- LSAB Introduction
- Introduction and Purpose
- Action Plan Introduction and Structure
- Definition of Sustainability
- LSAB Milestones
- Plan Evaluation



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- Public Engagement
- Topic Areas
 - Climate & Energy
 - Water
 - Transportation
 - Waste
 - Local Food and Agriculture
 - All are based off of the same structure:
 - Introduction
 - Goals
 - Internal
 - Target
 - Strategies
 - External
 - Target
 - Strategies

Staff seeks to eliminate redundancies and include updated targets and strategies, implementation and measurement guidelines and cost/benefit analysis.

Comparison Plans

[Boulder County 2018 Environmental Sustainability Plan](#)

[Longmont Sustainability Plan](#)

[Lakewood Sustainability Plan](#)

[Lakewood Annual Reporting](#)

[Fort Collins Climate Action Plan](#)

Next Steps

Utilizing the above mentioned examples, staff requests feedback on the current formatting of the Plan. Staff also seeks input in development of an timeline for the Plan update.