

This is the third and final survey to capture public input in the energy planning process. It will be presented to the Utilities Board along with the Utilities Policy Advisory Committee's (UPAC) final recommendation in June 2020. UPAC will use feedback from this survey combined with other data points to form their final recommendation for the highest scoring portfolio. Portfolios will be scored using all five attributes of reliability, cost/implementation, environment/stewardship, flexibility/diversity, and innovation. The final recommended portfolio may or may not have an impact on rates. The Utilities Board will consider this final recommendation and make a decision in July 2020.

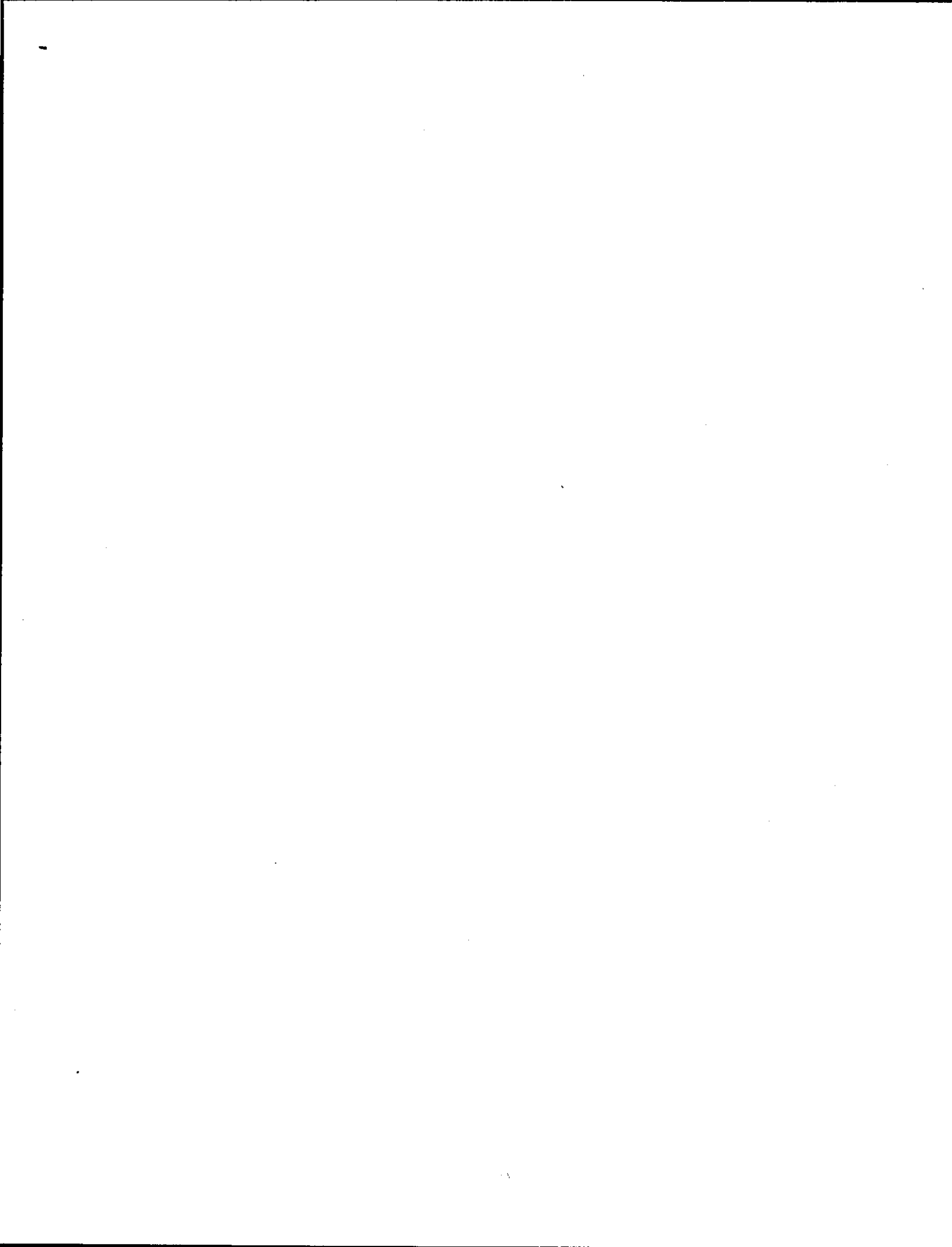
Carbon dioxide (carbon) is a greenhouse gas produced as a byproduct from burning fossil fuels. A new Colorado law requires utilities in the state to reduce carbon emissions by at least 50% by 2030 and 90% by 2050 compared to 2005 levels.

Colorado Springs Utilities' current energy resource plan, which contains the assumption the Drake Power Plant will be retired no later than 2035, has us projected to reduce carbon emissions by about 40%. All other portfolios will either meet or exceed state law.

Please tell us your preference for new energy resources in this survey using the following assumptions:

- Current reliability will be maintained or exceeded.

- Colorado Springs Utilities will meet all federal, state, and local regulatory requirements.
- To reduce carbon emissions, utilities typically use more natural gas and less coal; more renewable energy and energy storage; and provide customer efficiency programs.
- Reducing carbon emissions more quickly may result in higher rate increases in the first few years but may stabilize rates in the long-term.





**Regulatory Requirements Level:** Meets

**New Energy Resources:** Natural gas, renewables and storage, and customer efficiency efforts

**Power Plant Retirement:** All units at Drake retired by 2035

If there would be none, temporary, or permanent rate increase to implement this pathway, how much of an increase to your monthly utilities bill is acceptable? Any potential rate increase would be above and beyond rate increases needed for other services such as water and wastewater.

- No increase
- \$2 or less
- \$5 or less
- \$8 or less
- \$10 or less
- \$15 or less
- More than \$15

**New Renewable Resources Pathway**

**Environmental Goals:** 80% carbon reduction by 2030  
100% renewable by 2050

**Regulatory Requirements Level:** Exceeds

**New Energy Resources:** Renewables and storage and customer efficiency efforts

**Power Plant Retirement:** All units at Drake retired by 2026 and all coal-fired units at Nixon retired by 2030. All fossil fuels retired by 2050.

If there would be none, temporary, or permanent rate increase to implement this pathway, how much of an increase to your monthly utilities bill is acceptable? Any potential rate increase would be above and beyond rate increases needed for other services such as water and wastewater.

- No increase
- \$2 or less
- \$5 or less
- \$8 or less
- \$10 or less
- \$15 or less
- More than \$15

**New Carbon-Free Resources Pathway**

**Environmental Goals:** 80% carbon reduction by 2030  
100% carbon reduction by 2050

**Regulatory Requirements Level:** Exceeds

**New Energy Resources:** Carbon-free and customer efficiency efforts

**Power Plant Retirement:** All units at Drake retired by 2026 and all coal-fired units at Nixon retired by 2030. All fossil fuels retired by 2050.

If there would be none, temporary, or permanent rate increase to implement this pathway, how much of an increase to your monthly utilities bill is acceptable? Any potential rate increase would be above and beyond rate increases needed for other services such as water and wastewater.

- No increase
- \$2 or less
- \$5 or less
- \$8 or less
- \$10 or less
- \$15 or less
- More than \$15

**New Gas Resources Pathway**

**Environmental Goals:** 80% carbon reduction by 2030  
90% carbon reduction by 2050

**Regulatory Requirements Level:** Exceeds

**New Energy Resources:** Natural gas and customer efficiency efforts

**Power Plant Retirement:** All units at Drake retired by 2026 and all coal-fired units at Nixon retired by 2030

If there would be none, temporary, or permanent rate increase to implement this pathway, how much of an increase to your monthly utilities bill is acceptable? Any potential rate increase would be above and beyond rate increases needed for other services such as water and wastewater.

- No increase
- \$2 or less
- \$5 or less
- \$8 or less
- \$10 or less
- \$15 or less
-

More than \$15

### **Early Coal Retirement Resources Pathway**

**Environmental Goals:** 50% carbon reduction by 2023  
80% carbon reduction by 2030

**Regulatory Requirements Level:** Exceeds

**New Energy Resources:** Natural gas, renewables and storage, and customer efficiency efforts

**Power Plant Retirement:** All units at Drake retired by 2023 and all coal-fired units at Nixon retired by 2026

If there would be none, temporary, or permanent rate increase to implement this pathway, how much of an increase to your monthly utilities bill is acceptable? Any potential rate increase would be above and beyond rate increases needed for other services such as water and wastewater.

- No increase
- \$2 or less
- \$5 or less
- \$8 or less
- \$10 or less
- \$15 or less
- More than \$15

Of the five pathways presented, which do you prefer?

- Current Energy Resources
- Early Coal Retirement
-



- New Gas Resources
- New Carbon-Free Resources
- New Renewable Resources

Which of the following influenced you to select your preferred pathway?  
Please select all that apply.

- Power Plant Retirement
- New Energy Resources
- Regulatory Requirement Level
- Environmental Goals

Given the state legislation requirement of decreasing carbon emissions by at least 90% by 2050, what approach should Colorado Springs Utilities take?

- Higher impact to rates up front to allow for improved emissions sooner and stabilize rates in the long term
- Gradual impact to rates for 30 years to comply with state legislation
- Moderate impact to rates to improve emissions sooner than state law requires but balance financial impact on rates

Please indicate which of the following is **most responsible** for energy saving efforts.

- Individuals
- Colorado Springs Utilities
- Local businesses
- Local/state government
- Community organizations
- Federal government

Using a scale from 1 to 10 how important is customer efficiency/renewable efforts in energy planning?


- |                                |                       |                       |                       |                       |                       |                       |                       |                       |                                |
|--------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------------------|
| 1 - Not at<br>all<br>important | 2                     | 3                     | 4                     | 5                     | 6                     | 7                     | 8                     | 9                     | 10 -<br>Extremely<br>important |
| <input type="radio"/>          | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>          |

What is your level of commitment to modify your home or change the way you use energy to reduce energy consumption?

- No interest / not at all motivated
- Somewhat motivated
-

Motivated but don't have time

- Motivated but don't know what to do
- Motivated but can't afford to
- Motivated with no barriers
- Don't know

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Colorado Springs Utilities understands this is a challenging time for you and your family. We have two questions to see how you are being impacted by current events.

How prepared are you financially to deal with the coronavirus (COVID-19)?

- Very prepared
- Somewhat prepared
- Somewhat unprepared
- Not at all prepared
- Don't know

How prepared is our community for an outbreak of coronavirus (COVID-19)?

- Very prepared
- Somewhat prepared
- Somewhat unprepared
- Not at all prepared
- Don't know

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