CE33: Energy Monitoring

Why is this a priority in Denver?

- Energy and end-use metering provide useful consumption data to track building performance
  - Irregularities in consumption may indicate that system maintenance or repair is necessary to maintain proper function or energy use
- Data helps to educate occupants and increase awareness about how energy is used in buildings
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Project Requirements

- Buildings shall be equipped to measure, monitor, record and report energy consumption data per DEC Section C405.12

- Plug loads shall be separately monitored where:
  - Plug loads exceed 25 kVA in an area less than 5,000 sf
  - Electrical service exceeds 250 kVA (disaggregate plug loads by floor, type, or area)

Note: Projects that are required to meet DEC C405.12 or that select C406.10 for C406 compliance cannot use CE33 for LMU compliance.
### CE33: Energy Monitoring

## Submittal Requirements

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| Permit | • Submit completed DGC LMU and DEC Checklists  
• Indicate location of all meters for building and site. Provide cutsheets for meters that show they meet all recording, data collection, and data transmission requirements  
• Provide specifications for data acquisition and storage and graphical energy reporting systems |
Where can I learn more?

Visit [Denvergov.org/GreenCode](http://Denvergov.org/GreenCode) to:

- Link to the [2022 Denver Green Code](http://Denvergov.org/GreenCode)
- Download the DGC Checklists
- Watch other videos in this series
- Register for DGC Virtual Office Hours
- Find additional resources for your project

**Denver Energy Code** links:  [Code & Policies](http://Denvergov.org/GreenCode) | [Checklists](http://Denvergov.org/GreenCode) | [Resources & Trainings](http://Denvergov.org/GreenCode)

For **Green Buildings Ordinance**, visit [Denvergov.org/GreenRoofs](http://Denvergov.org/GreenRoofs)