CENTRAL?
Why yes.

CEC Facts
• Providing electrical service since 1940
• Non-profit, member-owned cooperative
• ~32,000 customer accounts
• ~5,300 square mile territory
- Governed by an elected Board of 9 Directors
- Pays capital credits to members ($!)
Who we are
What we do

Part of the Operations Department

• Line crew
• Meter shop
• Engineering

• GIS dept:
  • Myself, Tiffany Turo—7 yrs, GIS stuff, special requests
  • Jim Blaylock—35 yrs, Staking stuff, AutoCAD
  • Both of us—Op maps, landbase projects, etc.
History of CEC GIS

- Op maps since 1979 (still hanging on today!)
- Digitized from taxlot maps in 1986, not GPS
- AM/FM (automated mapping facilities mgmt)—(not interactive w/ data)
- In–house interactive mapping system in 1999
- OMS/Staking/GIS with Futura 2012
- ArcGIS Online 2013
Where does the time go

- Posting new construction
- Map edits, data maintenance
- New easements, ROW permits
- Manage ArcReader, AGOL, laptop products
- Updating Operational Maps (& folding them!)
- Integration with other software (NISC, ABS, Windmil, OMS, TNS)
- Printing / Plotting for other departments
- Ad hoc maps
- Planned outage maps, meter lists
- Updating landbase sources
- Reviewing software/ devices
- SQL training
- Tree trimming Maps
- Updating Outage Management System
- SCADA
- Training staff on maps, software, etc
- Other random things
- Staking engineered jobs
- Substation one-lines
- Transmission one-line
- Data validation
- Software product “enhancements”
This is what I start with every day, my “edit” .mxd. Built on ESRI, with FUTURA add-on. I still print a paper map almost every day. Which is okay.
Cinder Butte Substation
Cinder Butte substation– feeder by color
Recent Projects

- Light Inventory, City of Redmond
- Underground Cable Replacement
- Landbase Update—get our lines onto your taxlots
Useful– ArcGIS app for I–phone

- Built using data from ArcGIS Server, accessed via ArcGIS Online app, with added security level to see equipment/outage data.
- Accessible anywhere, anytime an outage call comes in.
- Managers love this.
Top Five NON-APPROVED ways to disguise a CEC transformer in your yard:
The end