

Utilities FIT Meeting Summary 9/29/22

Attendees:

Sephe Fox, Clatskanie PUD
Becky Mackel, Mid-State Electric
Alex Chaney, OPUC
David Pray, DEQ
Jim Gores, ODOE
Don Pettit, DEQ and Prep FIT co-lead
Phil McClellan, DOR

Review of Last Meeting Notes:

Last meeting some people noted that they know of other business uses that weren't captured by the survey. It was asked that people send them along if they have them, but no more have been received. Don noted that his agency has some water service area data that is unconsolidated, and also a business need for waste water service areas.

Additional Existing Data Sources:

Oregon Explorer Renewable Energy Siting Tool:

https://tools.oregonexplorer.info/OE_HtmlViewer/Index.html?viewer=renewable

Substations, transmission lines, wind turbines, ODOE facilities (generation points), Oregon EFSC facilities (generation polygons), natural gas pipelines, electric utility service areas, energy balancing authority and planning areas, subsea cables.

Oregon Joint Use Association:

<https://ojua.maps.arcgis.com/home/index.html>

Electric service territories & inspection areas, telco service territories & inspection areas, cable service areas & inspection areas. Maintained by Tim Khouri of Portland General Electric.

DEQs IRIS database:

Jim shared this and it contains many additional public and private data layers.

HIFLD data:

<https://hifld-geoplatform.hub.arcgis.com/>

Federal Energy Atlas:

<https://atlas.eia.gov/pages/energy-maps>

BPA Data:

<https://data-bpagis.hub.arcgis.com/>

Review of Current Data Element List:

We went through a quick review of the current data element list. Becky had questions about if the intent was to make all utility data public. We had a discussion about changing attitudes and data availability. Not all data/attributes are intended for public release, but more so for agency use. Some data will always need to be secure, but with resources such as google maps, etc, much more information is available to the public now anyway.

Discussion of Potential Data Elements:

We had a quick review of the business uses survey results. Then brainstormed on potential new data elements.

Suggestions were:

Utility wildfire layers such as high risk and PSPS areas.

Separate oil and gas layers (Don mentioned DEQ has natural gas primary line that may not be public data, as well as liquid petroleum pipelines that are not public).

Water rights data exists that could be extracted (water production GIS data exists, but water end-user data not so much—a problem when spills occur in rivers and downstream users are not known).

Communication infrastructure such as radio repeaters, relay stations, towers, and other points.

There was more discussion about data privacy and the difficulty of making those decisions. Which agency is responsible and who has the power to publish data publically. The potential for sharing geography of data elements without attributes, or providing it in a more general way. One example given was that water well aquifers areas are published, but the point locations of wells are not. The Utilities FIT Team could be a good resource for hashing out some of these issues.

Alex stated that the PUC does not maintain any GIS data, but uses the Federal Energy Atlas.

Don asked which agency is responsible for oil regulation. Alex stated that the PUC does not regulate oil, and Jim said ODOE just has data for storage tanks. Don stated that oil/gas production is not really done in Oregon, so it's mainly just storage data, but there may be some landfill cogen projects.

Jim said he is aware of additional business uses by OEM and the State Fire Marshall. Any additional business uses are still welcome, but the survey is now closed so they should be sent directly to Sephe by email to be incorporated/documentated.

Next Steps:

Sephe will be compiling a list of all the existing data layers from the various sources, as well as a list of potential data elements to be included in the Utilities Framework. Expect this before the next meeting.

Close:

- Fall Framework Forum, October 25th, full day, Salem area, lunch provided.
- Next Utilities FIT meeting October 27th, 10am.
- Thanks everyone for your time!