

UM 2005

Distribution System Planning Update

July 27, 2021

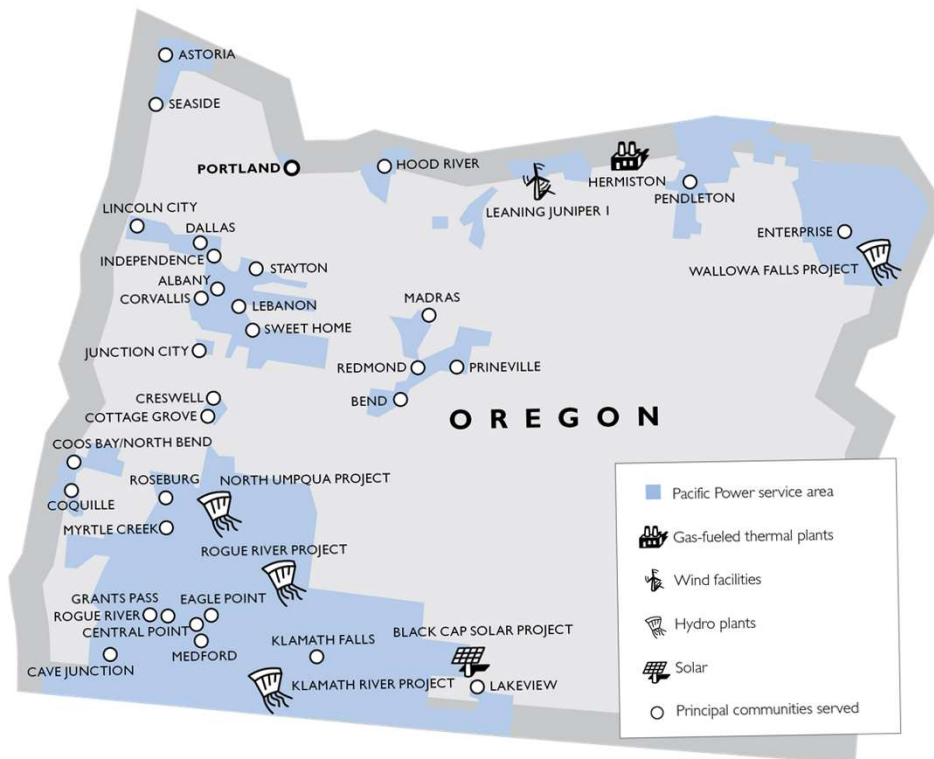


Pacific Power's Oregon Service Territory

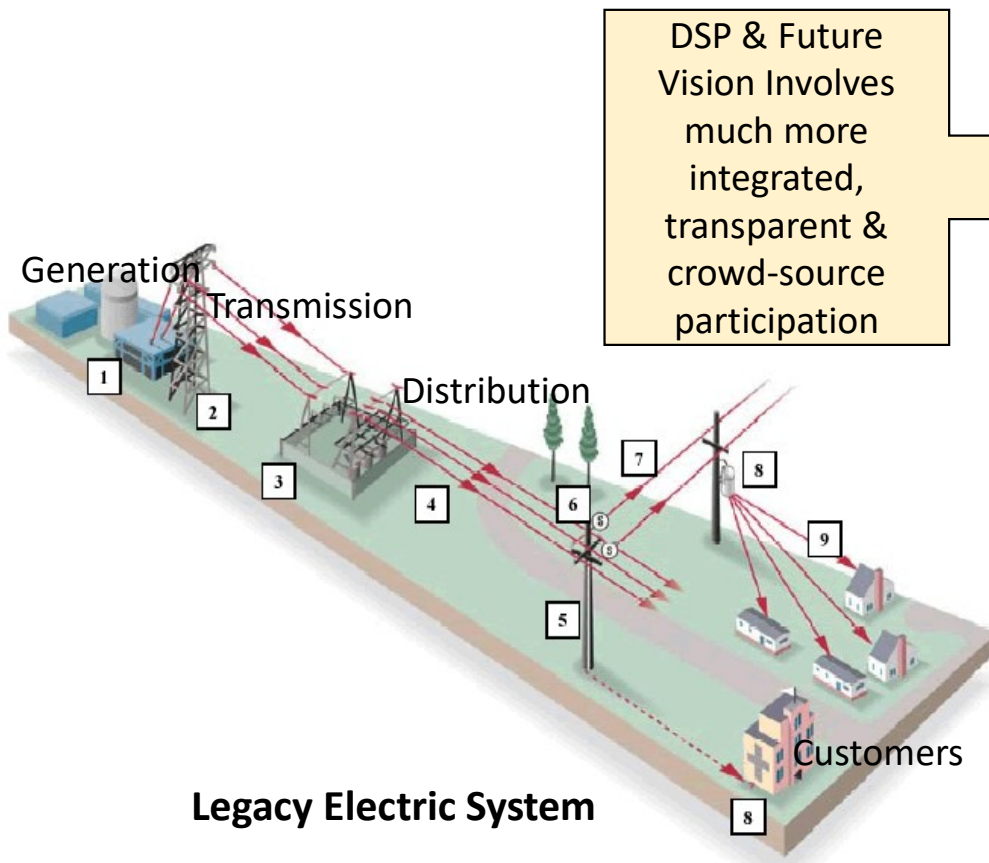
General Statistics

PacifiCorp provides electricity to approximately

- **630,500** customers via
- **203** distribution substations,
- **19,890** miles of distribution lines (72% overhead/28% underground),
- more than **375,400** utility poles, in addition to about
 - **87** transmission substations, and
- **3,020** miles of transmission lines across nearly
 - **21,320** square miles.
- Customers are spread out across the state and our service territory, and average approximately **30** customers per square mile.

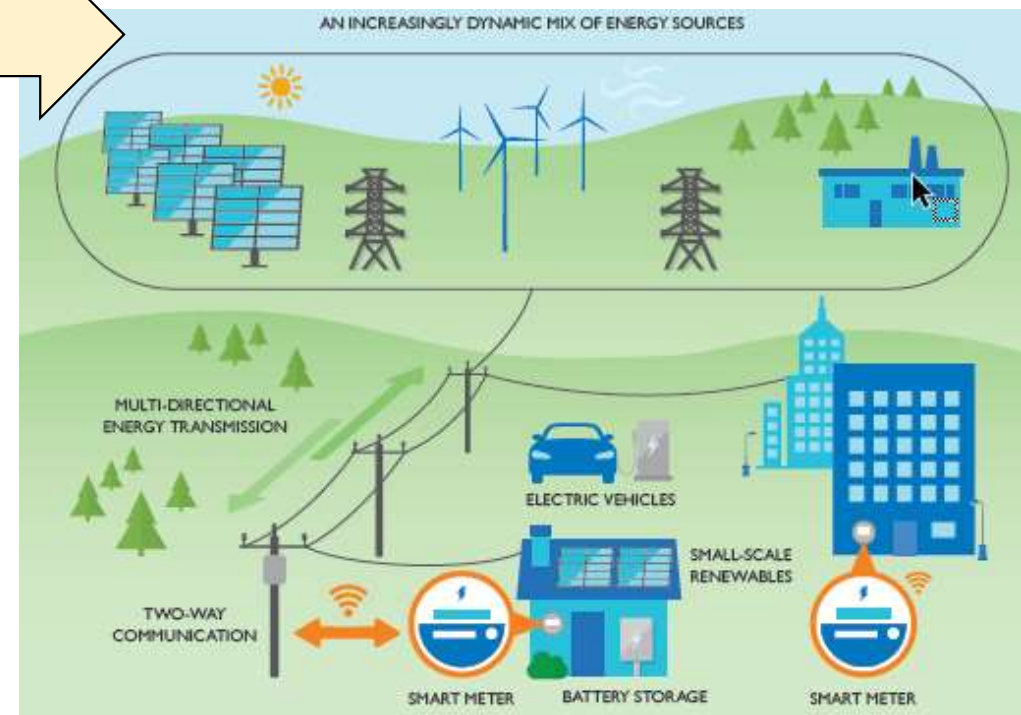


PacifiCorp's Vision for Distribution System Planning (DSP)



DSP & Future Vision Involves much more integrated, transparent & crowd-source participation

Future Electric System

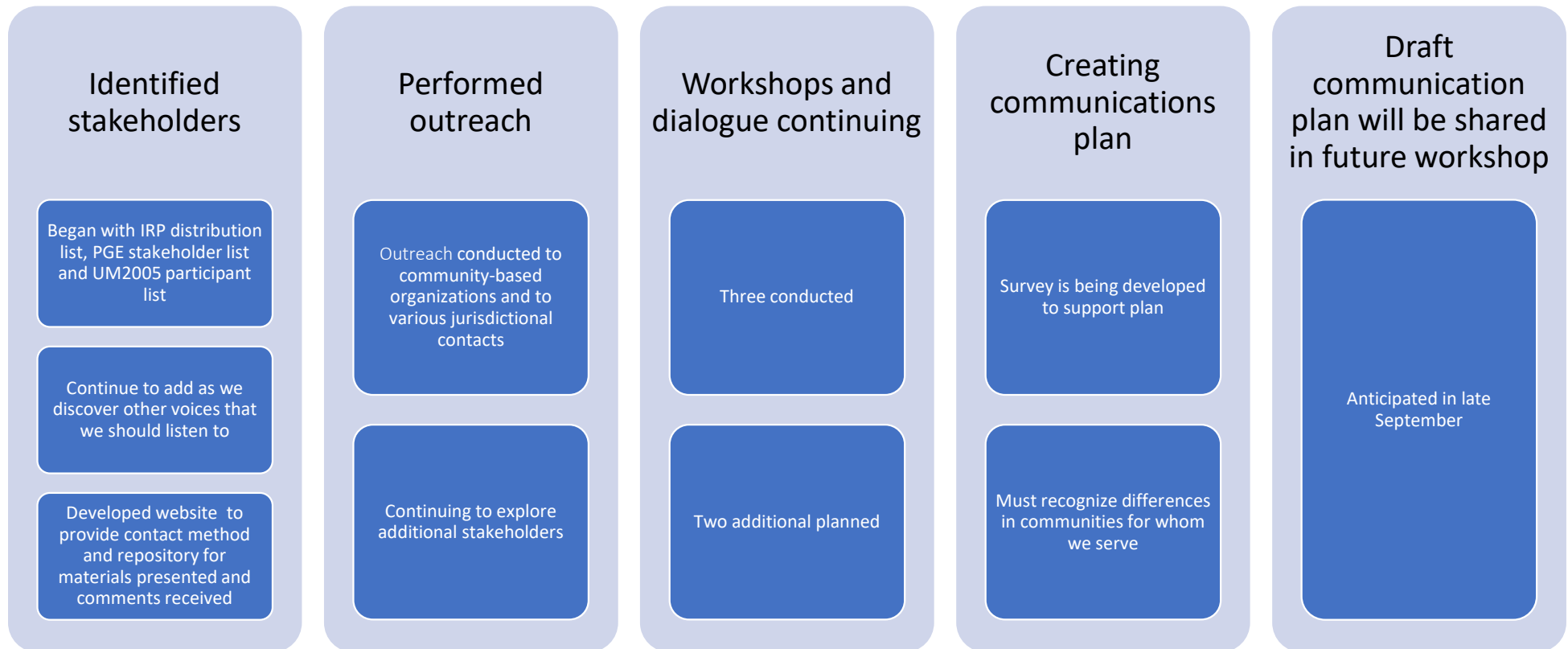




Distribution System Plan (DSP) Update

- Baseline Data and Plan Template – in progress
 - Collaborating among IOUs to provide consistency where possible
- Conducted three stakeholder workshops
 - The company began with its “Utility 101” and is continuing to refine in response to feedback that material may be too technical in nature
 - Technical materials have been shared with stakeholders and now we are advancing toward the “listening” and “retooling” part of our plan
- DSP is an evolution and will require consistent and frequent interaction to evolve
- Incorporating the equity lens into distribution system planning is a work in progress and we are solidifying these channels for feedback

Community Engagement and Stakeholder Feedback





Key elements for long range plan

Social Justice Lens

- Develop methods to assess options relative to social justice goals
- Establish metrics for delivering “energy equitable” DSP

Align & connect with customers & communities

- Stakeholder goals and evolution of the electricity network
- Develop & establish communication methods

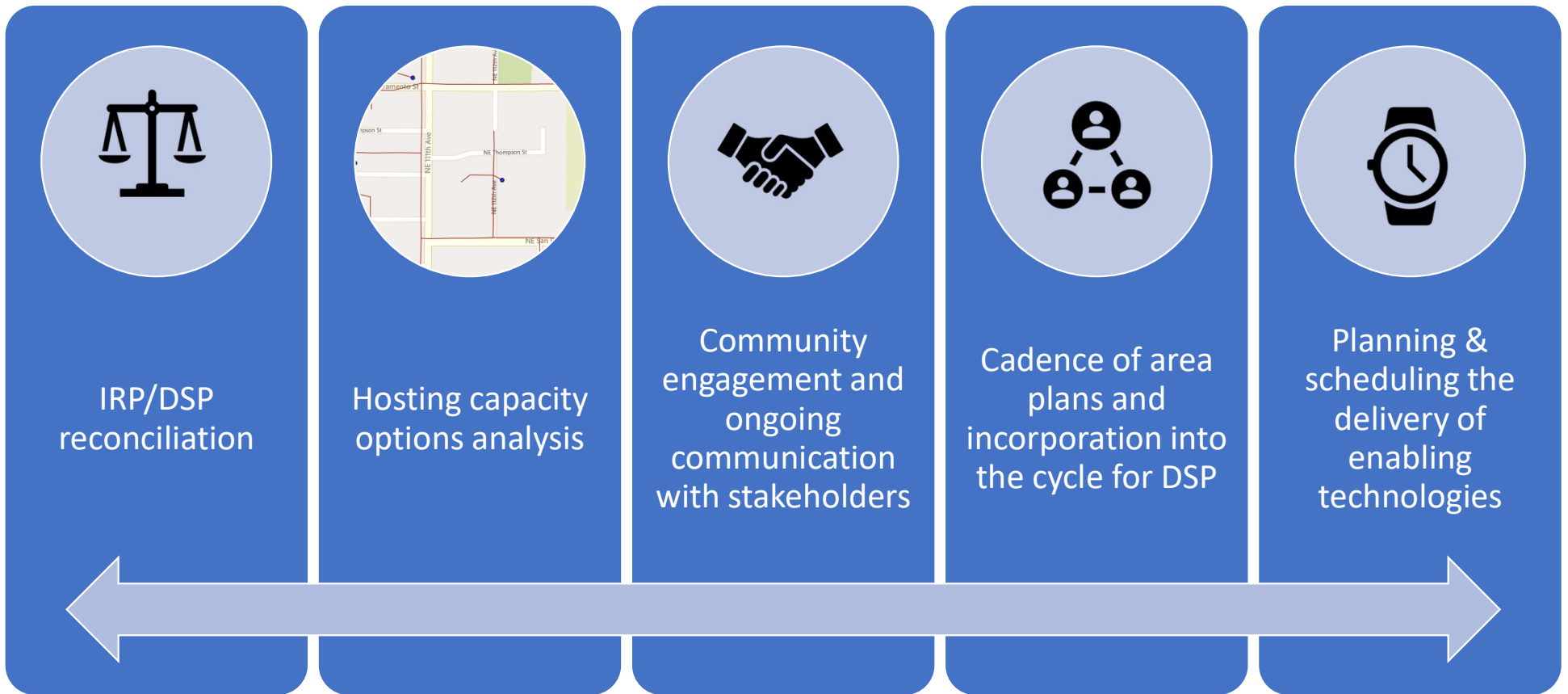
Create transparency into the process

- Establish tangible products, methods and measures
- Update stakeholders as plans must evolve

Deploy and advance necessary tools for utility and stakeholders

- Technology modifications will be important, i.e. SCADA
- Create meaningful products such as DER readiness

Phase 2 Plan Involves





Additional Information

- DSP Email / Distribution List Contact Information
 - DSP@pacificorp.com
- DSP Presentations
 - [Pacific Power Oregon DSP Website](#)
- Additional Resources
 - [Pacific Power's 2019 Oregon Smart Grid Report](#)
 - [Pacific Power's Oregon Transportation Electrification Plan](#)
 - [PacifiCorp's Integrated Resource Plan](#)



Thank You!

