



PGE Distribution Resource Planning Coordination

Integrated
Resource
Planning

Customer
Programs

Transmission &
Distribution
Planning



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Distribution
Resource
Planning



Intended Functions

- Distribution Planning DER optionality.
- DER program design, paired with T&D locational value assessment.
- DER portfolio compilation shared by Customer Programs and T&D, incorporated into IRP models.

Future DRP Inter-dependencies

Customer Programs:

- Identifies services specific DERs can provide.
- Designs applicable pricing structures.
- Designs programs to maximize value of resources.

Distribution Planning:

- Locates areas on the system to realize specific attributes.
- Screens projects for reliability, infrastructure upgrade requirements, changes in outage risk, and comparison to alternative projects.

Integrated Resource Planning:

- Integrates development forecasts, attributes, and dispatch characteristics of all DERs developed by Customer Programs and T&D into resource dispatch and portfolio optimization models.
- IRP reports value of resources under a range of conditions.



Customer Programs and T&D refine program development targets, based on IRP outputs.

...and repeat...