



Residential Service Process



Steps for New Residential Service

For questions and inspections contact New Construction Services at newservice@gcpud.org or 509-766-2501

1.

**CUSTOMER'S
ROLE**

Submit Service Connection Application Form



The application should be completed and signed by the home/landowner or whoever is going to be responsible for all billing.

2.

**GRANT PUD'S
ROLE**

Review of Service Connection Form



How long will it take to get power?

The time it takes to get power depends on several factors, including whether the project involves a Simple Service or a Line Extension, as well as line crew scheduling, easements, and payments.

- **Simple Service:** If a transformer and/or meter base (moped) are already installed at the site, the process may be quicker. However, if the transformer needs to be upgraded, it will take longer.
- **Line Extension:** If Grant PUD needs to install a transformer and/or poles, or obtain easements and permits, the process will be more time-consuming.

If a line extension is needed the engineer will contact you to set up an on-site meeting and will provide a cost quote. All cost quotes will be honored for 90 days. To get a more accurate timeline, the Customer Engineer will provide additional details during the on-site meeting.

FEES:

Underground Simple Service Fee (if moped and fiber handhole are already installed)

Electric - \$850.00

Fiber - \$400.00

Overhead Simple Service Extension Fee (if transformer is already on pole and pole is within 100' of new meter base/mast)

Electric - \$450.00

Fiber - \$430.00

Meter Fees

120/240V 200 A Single Phase Meter - \$225

220/240V 320 A Single Phase Meter - \$325

For all other types of meters consult with Customer Engineering.

If no appointment is needed, fees will be added to your Grant PUD account. Payment is due upon receipt.

Temporary Service

Overhead Temporary Service \$380.00

Underground Temporary Service \$340.00

Construction Temporary power can be applied for on the same application as the permanent service. Include information on the Service Connection Agreement.

3.

**CUSTOMER'S
ROLE**

Contact WA St Dept L&I for electrical permit



[Go to Washington State Labor & Industries website](#)

(509) 764-6900, 3001 West Broadway, Moses Lake WA

4.**CUSTOMER'S
ROLE****Purchase and install approved meter base**

The homeowner or electrician is responsible for buying and installing a meter base. Size and type of meter base needs to be approved by Grant PUD.

5.**CUSTOMER'S
ROLE****Call 811 for underground locates before digging**

It is required by Washington State Law to call 811 at least 2 business days prior to any digging. By calling 811, this will notify all utilities to mark where underground lines are located.

6.**CUSTOMER'S
ROLE****Dig trench 3' deep between Grant PUD installed secondary pedestal/moped and meter base**

The homeowner is responsible for digging the trench between the Grant PUD Connection Point and the meter base.

Grant PUD standards require a three-foot-deep trench.

It's required to have at least 18 inches of separation between electrical lines and any water lines. There must also be at least 12 inches of separation between electrical lines and any other utility lines.

Grant PUD must inspect the conduit installation prior to the trench being backfilled.

See the Residential Workbook and Overhead and Underground Diagrams under Helpful Information

7.**CUSTOMER'S
ROLE****Install electrical (grey) Schedule 40 conduit in the trench**

Gray – Schedule 40 electrical conduit from the meter base to the Grant PUD Connection Point.

- 2" for 200-amp service
- 3" for 400-amp service

For any service larger than 400 amps, input from a Customer Engineer will be required.

For Overhead services

The homeowner or electrician will supply the meter base, weather head, service mast and the wire inside the service mast. The service mast must be extended up and through the roofline of the building. There will need to be at least 2 feet of extra service wire hanging out of the end of the service mast for utility connection.

8.**CUSTOMER'S
ROLE****Install fiber optic (orange) Schedule 40 conduit in the same trench as electrical conduit**

Orange – Schedule 40 conduit

- 1" conduit if less than 100'
- 2" conduit if greater than 100'

Conduit shall be minimum Schedule 40 thickness, and all sweeps (elbows) shall be 24" radius minimum.

9.**CUSTOMER'S
ROLE****Schedule Trench and Conduit inspections**

Inspections will occur within 1-2 business days of request. Contact New Construction Services to schedule an inspection.

10.**CUSTOMER'S
ROLE****Backfill Trench or Make Modifications as needed**

Once approved, backfill trench or make corrections as needed. Contact New Construction Services to schedule a second inspection if corrections are required.

False call fees (\$215) may apply if site is not ready when utility arrives.

More information on the Rates and Fees - Current Rate schedule

11.**CUSTOMER'S
ROLE****Ready for service**

Need to schedule "Open Moped" – Schedule at least 2 business days in advance.

Contact New Construction Services to provide a site contact name and phone number.

12.**CUSTOMER'S
ROLE****Install secondary service wire for the secondary pedestal/moped to meter base.**

- 200-amp service – 4/0 Aluminum triplex
- 400- amp service - #350 Aluminum triplex

Purchase 10' of extra wire for the connections at the Connection Point and at the meter base.

For Overhead services

This is determined by the National Electric Code (NEC). Your electrician can help you size your wire correctly. The utility will supply and install the wire from the overhead transformer to the customer provided service mast.

13.**CUSTOMER'S
ROLE****Contact WA State L&I for meter base inspection**

Department of Labor & Industries

[Go to Washington State Labor & Industries website](#) or call 509-764-6900

14.**SHARED
ROLES****Contact Grant PUD**

Once approved by WA State L&I, customer must contact Grant PUD and request meter set and service connection. (This usually takes 2-3 business days from customer's request.) Contact New Construction Services to schedule.

The homeowner must call Grant PUD and request that the service be energized. The L&I Inspection Permit number will be needed at this time. New Construction Services will create an order to send a Serviceman to energize the service. The trench must be backfilled, and wire pulled in the conduit from the Grant PUD Connection Point to the meter base before the Serviceman will turn on the service.