

Grant PUD Residential Service Frequently Asked Questions

General

How do I start a new electrical service?

Download a Grant PUD Service Connection Agreement (SCA) and the Service Workbook located on our website, [Grant PUD: New Construction Services](#) and return to the email address on top of the SCA. The application can also be picked up and returned to the Moses Lake, Ephrata, Quincy, or Royal City local offices.

Who fills out the application?

The application should be completed and signed by the home/landowner or whoever is going to be responsible for any and all billing. An electrician can assist in the technical information or call the Service Expediter. If you do not have an account number, you will need to contact Customer Service@ 509-766-2505 to establish an account. If no account number is listed, your application may be delayed.

Will I be charged when I turn in the application?

No. The Service Expediter will evaluate your application and determine if your job requires a Line Extension or if it will be a Simple Service. If it is a Simple Service, the Service Expediter will inform you of the charges. If it requires a Line Extension, the Service Expediter may be able to inform you of the charges(dependent on the design), or the Service Expediter will set up an appointment for you to meet a Customer Engineer at the service site. The Customer Engineer will then determine the charges for your project.

How long will it take to get power?

There are multiple factors in how long it will take to get power which include, determining if it's a Simple Service or a Line Extension, line crew scheduling, easements and payments. If it is a Simple Service, that is if you already have a transformer and/or a moped at the site, the time will be shorter, and the Service Expediter will be able to give you a timeframe when they discuss your charges. If the job is a Line Extension , that is if Grant PUD needs to install a transformer and/or poles, obtain easements and/or permits then the process will take longer. The Customer Engineer will be able to give a better idea when meeting at the service site. Depending on what is needed for the Line Extension, certain jobs may be handled by the Service Expediter.

Is temporary power available?

Yes. Construction Temporary power can be applied for on the same application as the permanent service, if requested please check one of the boxes on the SCA under "Construction Temporary". There is only metered temporary power available. Review the Service Workbook for an explanation on the process for temporary power.

What other permits or applications do I need?

The homeowner or the electrician will need to obtain an electrical permit from the Department of Labor and Industries. Their office is located at 3001 West Broadway in Moses Lake. You can call (509)764-6900 or visit their website, <https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections/>. A permit and inspection will be needed for permanent meter bases and/or temporary meter bases.

Underground Services

What material do I need to supply?

The homeowner or electrician will need to buy and install a meter base. Size and type of meter

base needs to be **Grant County PUD approved**. Please refer to the Service Workbook. The homeowner or electrician will need to purchase and install the gray electrical conduit(2” for 200-amp service or 3” for 400-amp service), and will also need to provide the service wire from the meter base to the PUD Connection Point. The homeowner will also need to purchase and install the orange fiber conduit for the fiber service(1” for a fiber service up to 100’ and 2” for any fiber service over 100’). All conduit shall be minimum schedule 40 thickness, and all sweeps(elbows) shall be 24” radius minimum. For any service larger than 400 amps, input from a Customer Engineer will be required.

What size of service wire do I need?

This is determined by the size of service being installed. If the service is a 200amp, then 4/0 aluminum triplex is required. If the service is a 400amp, then #350 aluminum triplex is required. Purchase 10’ of extra wire for the connections at the Connection Point and at the meter base.

Who digs the trench?

The homeowner will dig the trench between the PUD Connection Point and the meter base. It is required by Washington State Law to call 811 at least 2 business days prior to any digging. This number will notify all utilities to mark on the ground where underground lines are located.

How deep should the trench be?

Grant PUD standards dictate a three-foot-deep trench. It’s required to have at least 18 inches of separation between electrical lines and any water lines. There shall also be at least 12 inches of separation between electrical lines and any other utility lines. Please see the Service Workbook for more details. Grant PUD must inspect the conduit installation prior to the trench being backfilled. Please contact the Service Expediter to schedule an inspection.

Should the electrical wire be in conduit?

Yes, Grant PUD requires all electrical services to be in conduit(*see previous material question above regarding conduit size*).

When do I get power turned on?

The homeowner or electrician will need to request an inspection from the Washington State Department of Labor and Industries. Once the State electrical inspector has approved the meter base, he will notify Grant PUD. The homeowner must call Grant PUD and request that the service be energized. The Service Expediter will then send a Serviceman to energize the service. The trench must be backfilled and wire pulled in the conduit from the PUD Connection Point to the meter base before the Serviceman will turn on the service.

Overhead Services

What material do I supply?

The homeowner or electrician will supply the meter base, weatherhead, service mast and the wire inside the service mast. The service mast must be extended up and through the roofline of the building. Please refer to the Service Workbook for specific information. There will need to be at least 2 feet of extra service wire hanging out of the end of the service mast for PUD connection.

What size of service wire do I need?

This is determined by the National Electric Code (NEC). Your electrician can help you size your wire correctly.

Who supplies the wire from the transformer?

Grant PUD will supply and install the wire from the overhead transformer to the customer provided service mast.

When do I get power turned on?

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