

# 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 returned 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.

#### ***Will I be charged when I turn in the application?***

No. The Service Expediter will evaluate your application and determine if your job is a simple or complex project. If it is a simple job the Service Expediter will inform you of the charges. If it is a complex job the Services Expediter will set you up an appointment to meet a Field Engineer at the service site. The Field 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, if it's a simple or complex, line crew scheduling, easements and payments. If it is simple, that is if you already have a transformer at the site, the time will be shorter, the Service Expediter will be able to give you a timeframe when they discuss your charges. If the job is complex, 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 Field Engineer will be able to give a better idea when meeting at the service site.

#### ***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 metered and non 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 from their office is located at 3001 West Broadway in Moses Lake or call (509)764-6900 or 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 will also need to provide the wire from the meter base to the PUD demarcation point.

#### ***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 demarcation point and the meter base.

***Who digs the trench?***

The homeowner will dig the trench between the PUD demarcation 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 be 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.

***Should the electrical wire be in conduit?***

Yes. Grant PUD will provide the electrical conduit and fiber optic conduit from the PUD demarcation point to the meter base only. Please call the Service Expediter with a measurement and a PUD serviceman will deliver it to the site.

***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 contact Grant PUD. The Service Expediter will send a Serviceman to energize the service. The trench must be backfilled and wire pulled in the conduit from the PUD demarcation 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, weather mast and wire in the weather mast. The weather 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 the end of the weather 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 weather mast.

***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 contact Grant PUD. The Service Expediter will send a Serviceman to install overhead wire to the weather mast and make the connection to the wires provided.