

SCOPE OF WORK – DETAILED

GENERATOR

TYPE: Permanent or portable
POWER SOURCE: natural gas, propane, gasoline, diesel

Permanent: Provide clear photos of existing electrical equipment (electrical panel with the door open, meter, pedestal). Provide spec sheet for automatic transfer switch and for generator. Provide detailed site plan showing existing equipment and new proposed equipment layout. Provide any other details such as feeder sizes and locations of overhead or underground utilities.

The job consists of the following items:

- Permanent generator
- Pad
- Automatic transfer switch
- Conduit and wiring between equipment

Portable: Provide clear photos of existing electrical equipment (electrical panel with the door open, meter, pedestal). Provide spec sheet for portable generator to be used. Provide detailed site plan showing electrical panel location and location of proposed power inlet. Provide some idea of how wiring will be installed from point A to B, and wiring method (cable, conduit, wire). Provide length of cord set to be used between generator and power inlet.

The job consists of the following items:

- Portable generator
- Brand specific circuit breaker interlock assembly
- 2 pole circuit breaker
- Wiring and 15A or 30A or 50A power inlet
- Cord set

SCOPE OF WORK – DETAILED

NEW SERVICE: 400AMP OR 200AMP

TYPE: overhead (pole) or underground (trench)
MOUNTING: on building or structure or post or pole

Permanent or temporary?

UNSURE OF SIZE? If you have heavy loads, such as electric heat, cooling, commercial appliances, engine block heaters, stock tank heaters, hot tub, multiple outbuildings, a shop, air compressor, welder, etc., you may need a 400AMP service. A typical home less than 3000 square feet may only require a 200AMP service. The serving Utility (Avista) can help you decide when they visit your site and determine the best location for the metering and service equipment.

Help us help you – Please be clear in your communication. Photos are very beneficial. Consider any future plans. Provide detailed site plan showing location of all utilities, buildings, water, septic, etc. A hand drawn sketch is acceptable. Provide distances from service location to all loads. Provide all feeder and branch circuit sizes as necessary.

If a pole or underground service is selected, we may ask you to provide proper trenching and backfill for the equipment.

SCOPE OF WORK – DETAILED

HOT TUB

Provide clear photos of existing electrical panel with the door open. Provide detailed site plan showing electrical panel location and location of proposed hot tub. A hand drawn sketch is acceptable. Photos are very beneficial. Provide some idea of how wiring will be installed from point A to point B, and wiring method (cable, conduit, wire). Provide distances.

The job will consist of the following items:

- Circuit breaker
- Branch circuit wiring
- Disconnecting means & GFCI protection
- Branch circuit extension to tub

SCOPE OF WORK – DETAILED

HVAC EQUIPMENT (heating, ventilating and air conditioning systems)

TYPE: Window mounted A/C, condenser, exhaust fan, furnace, heat pump, mini-split
POWER SOURCE: electric, natural gas, propane, or oil

Help us help you – Please be clear in your communication. Provide clear photos of existing electrical equipment, including overcurrent protection, such as circuit breakers or fuses. Provide detailed site plan showing electrical panel location and location of proposed HVAC equipment. A hand drawn sketch is acceptable. Photos are very beneficial. Provide some idea of how wiring will be installed from point A to B, and wiring method (cable, conduit, wire). Provide distances when necessary. Provide exact nameplate information and spec sheet on equipment with request for quote and/or installation. This is used to determine requirements for feeder or branch circuit size.

This job will consist of the following main items:

- Circuit breaker
- Branch circuit wiring
- Disconnecting means, fusible
- Branch circuit extension to equipment