

# Transformer Swap Out Connections

Experienced technicians  
for every step of the process



## Avail is there every step of the way

As the leading manufacturer and installer of bus systems, Avail is uniquely qualified to provide connections for transformer replacements, whether scheduled or not. Avail's experienced technicians can assist with every step of the process, including system evaluation and solution recommendations. Avail has accumulated an exemplary safety record, with the knowledge and expertise to ensure work is completed effectively, efficiently and safely.

## Connect to a properly maintained bus system

For the best results, coordinate your transformer replacement with the Avail Preventive Maintenance program. Rather than risk connecting your new transformer up to a bus system that has not recently been inspected or maintained, call an Avail Bus Specialist to ensure it is functioning properly.

## Engineering, Design, Manufacturing and Installation Services

- New terminations
- High amperage Isolated Phase Bus (IPB) connections to the new bushings
- New short runs of IPB
- Anti-vibration connections
- Possible structural modifications
- New flex connectors



## Planned transformer replacements

Avail understands that not all transformer swaps are emergency projects. With the reduction in capital availability for spare transformers and the closing of many coal burning power plants, Avail can support consolidating transformer assets to use as spares on multiple units, even at different sites.

Avail designs and builds transformer termination kits that allow for multiple bus system interfaces. Avail recently worked with a customer who purchased a single transformer to serve as the only spare for three different power plants. This required Avail to design one set of enclosures with multiple termination kits that would allow for the transformer spare to fit any one of nine possible IPB systems. The customer was therefore able to keep a single set of difficult to store enclosures and multiple easy to store kits in stock for use at a moment's notice.

Avail can also design in adjustability for cases when it's not feasible to get the spare transformer set in exactly the same location as the previous transformer. Avail's adaptability allows the customer to avoid costly and time-consuming waits for emergency parts to be designed, built, and shipped to get them back on line. All the parts they need are already at the site, ready to be installed.

[availinfra.com/bus-services](http://availinfra.com/bus-services)

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