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Oklahoma Capitol Restoration – Interior Rehabilitation  
CAP / OMES Project #15151DB  
MCC Project #3707

## Main Electrical Service Shutdown & Installation

As part of sequence 1 of the Oklahoma Capitol Restoration, the existing and outdated main electrical service and gear will be replaced entirely with new service and gear fed from the OG&E Vault. The new electrical design and footprint enables both systems to run parallel throughout the various sequences of construction. As work commences in successive sequences, electrical service will be removed from the antiquated electrical panels and will be provided through the new electrical distribution panels. This allows the entire capitol to continuously operate while experiencing limited future power outages, with significantly shorter durations, as new infrastructure and raceways are installed in progressive sequences.

To achieve power on both systems, ALL electrical power must be disabled to the Oklahoma State Capitol. OG&E will completely disable power from the capitol in order to ensure safe working conditions within existing electrical panels and gear, as service is tied into new electrical gear. The following systems will be directly affected by this OG&E outage:

- Mechanical Systems (Heating and Cooling)
- All Information Technology areas (except for B7)
- Fire Alarm Systems
- Security Camera Systems
- Access Control Systems
- Interior and Exterior Lighting
- All other devices or systems requiring electrical power

Manhattan's current construction schedule indicates, through procurement and installation of new equipment, we will be prepared to begin the shut down and new service installation beginning October 13<sup>th</sup>, 2017 at 7:00 PM. The actual shutdown, electrical rework, terminations, testing, commissioning of gear and restoration of power has been extensively documented and detailed with an hourly schedule available, if desired. The overall duration consists of providers, electrical crews and factory startup technicians to work in shifts around the clock in order to restore Capitol electrical services on October 20<sup>th</sup>, 2017 at 8:00 AM.

Provisions for temporary electrical service will be required for several systems that are required by law or necessary for state government. These systems include:

- Flight Light atop of the Capitol Dome (as required by FAA for low flying aircraft)
- Room B7 (as required by the state government for IT equipment)
- Temporary lighting and receptacles for electrical crews performing work



Additional temporary electrical services may be required for the following systems, if determined essential;

- Exterior Site Lighting
- J.E. Dunn Exterior Operations
- Visitor Access
- West Entrance Security
- OHP Security
- Any others not identified

Manhattan will continue to develop efficiencies within the shutdown schedule to minimize the overall duration of the power outage at the Capitol. Additional coordination will be required concerning the States Fire Marshalls' requirements for temporary provisions during the outage and OG&E's overall sequence of operations and durations. We will update as these meetings are scheduled and more information becomes available.