



Multi-Family Development Construction Options and Criteria

1. CPS Energy Infrastructure Install – EXISTING OPTION

- CPSE Contractor installs electric primary cable and gas infrastructure
- CPS Energy Crews:
 - install OH poles, primary
 - terminate primary connections (URD)
- Developer installs secondary conduits and secondary services for electric and gas
- CPSE Service & Meter Crews terminate secondary cable & set electric and gas meters (when customer ready)
- 5 CONSTRUCTION MOBILIZATIONS (4 CPSE/1 DEVELOPER)
- Average duration of 55-60 business days

2. Developer Infrastructure Install – EXISTING OPTION

- Developer installs electric primary cable and gas infrastructure
- CPS Energy Crews:
 - install OH poles, primary
 - terminate primary connections (URD)
- Developer installs secondary conduits and secondary services for electric and gas
- CPSE Service & Meter Crews terminate secondary cable & set electric and gas meters (when customer ready)
- 5 CONSTRUCTION MOBILIZATIONS (3 CPSE/2 DEVELOPER)
- Average duration of 25-30 business days

3. Contractor Turnkey Infrastructure Install – NEW OPTION

- CPSE Contractor:
 - installs primary cable
 - Installs gas infrastructure
 - installs OH poles, primary
 - terminates primary connections
- Developer installs secondary conduits and secondary services for electric and gas
- CPSE Service & Meter Crews terminate secondary cable & set electric and gas meters (when customer ready)
- 3 CONSTRUCTION MOBILIZATIONS (2 CPSE/1 DEVELOPER)
- Average duration of 15-20 business days

Contractor Turnkey Infrastructure Install - Process

1. Identify multi-family development project as eligible for turn-key construction process in pre-design phase (single-phase electric only)
2. Explain and discuss turn-key construction criteria with developer, project manager and builder
3. Customer's representative will contact the Designer to schedule a site inspection when the turn-key construction criteria have been met
4. Site inspection will be conducted and any deficiencies identified, if needed
5. Pre-construction is held with designer, customer and contractor
6. OH construction can begin immediately, UG construction will typically begin within 2 weeks of pre-construction meeting

Contractor Turnkey Infrastructure Install - Criteria

1. At least 80% of wet utilities (mains only) installed
 - *To reduce conflicts and damage to CPSE facilities after installation*
2. Engineer/surveyor immediately available to provide center line staking, and staking of OH poles
 - *For proper placement of above ground facilities at proper grade, avoid other in-ground facilities and allow OH work to begin immediately*
3. All trench paths within 6" of final subgrade
 - *To allow installation of facilities at standard/required depth*
4. All trench paths cleared of obstructions
 - *For expedited trenching, flowable fill pouring and job completion*
5. Minimal activity from other contractors on site (see flexibility slide)
 - *For expedited trenching, flowable fill pouring and job completion*
6. All site criteria verified prior to scheduling Pre-Construction Meeting
 - *To reduce the unnecessary mobilization of crews*
7. Environmental approved and signed off
 - *Expectation for Customer Engineering to avoid delays*
8. All Work Request segments approved and released to construction
 - *Expectation for Customer Engineering to avoid delays and allow for OH construction to begin immediately after pre-construction meeting*

Flexibility/Additional Benefits of Contractor Turnkey Infrastructure Install

- Expedited construction duration (15-20 business days)
- Developer's Crews can start working behind CPS Energy Crews upon approval from the CPS Energy Turnkey Crew Lead, typically 5 business days after work begins
- CPS Energy Turnkey Crews will coordinate their work with the Site Superintendent
- All infrastructure except service conduits installed by CPS Energy
- Energized and ready for temporary service requests
- Reduced site congestion
- One-time CPS Energy Contractor mobilization increasing efficiency for all developers
- OH work can start immediately after Pre-Construction meeting if ROW paths are clear

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