

Interconnecting to the PG&E Pipeline System

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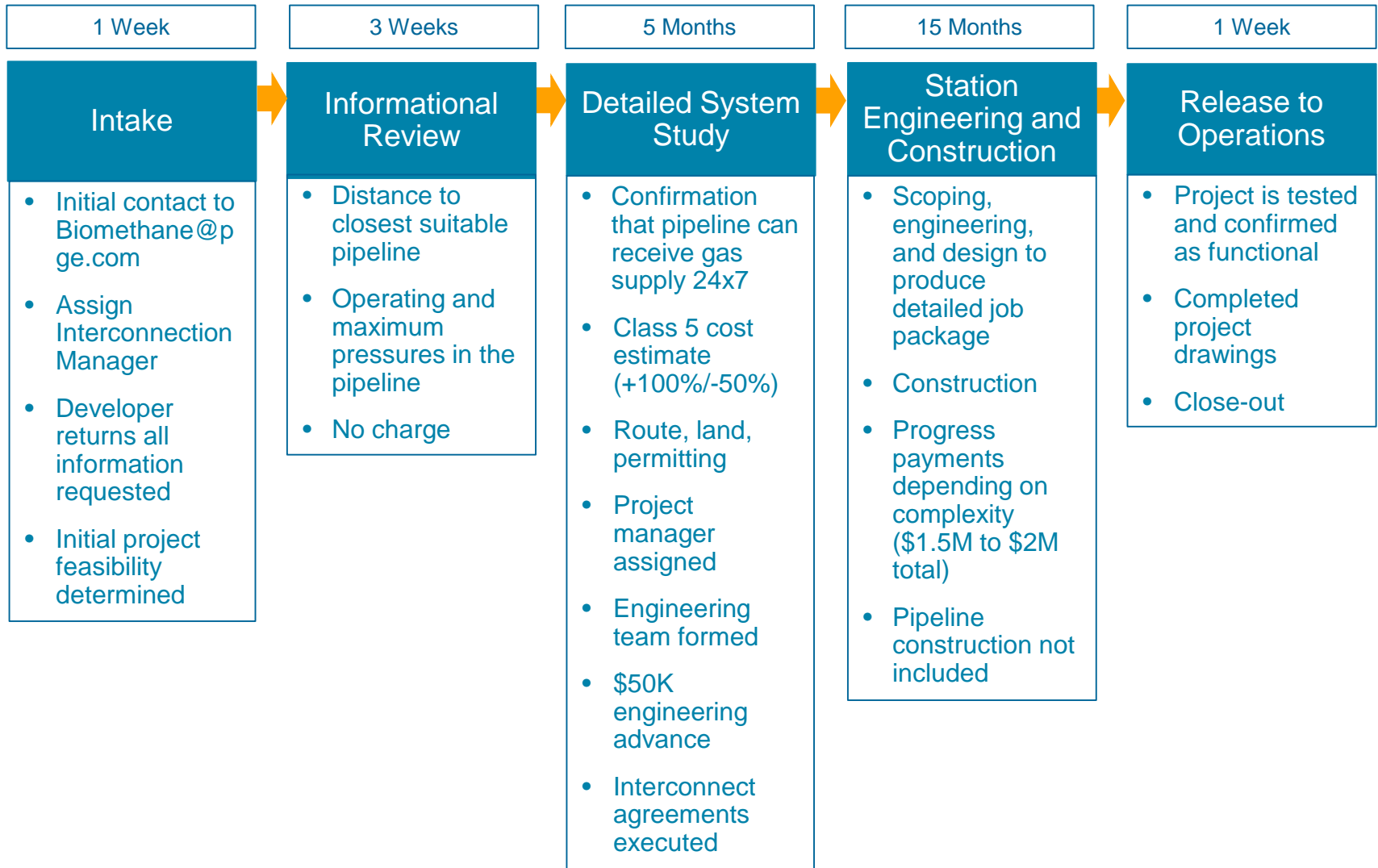
Gas Operations

Wholesale Marketing and Business Development



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Overview of Interconnection Process



1. Location of a biomethane plant relative to gas lines
 - longer lines means higher costs
2. Available capacity and demand to receive biomethane supply
 - pipeline must be large enough to receive developer's volumes
 - pipelines cannot receive supply without sufficient demand (load)
3. Pipeline pressure at the injection point
 - Biomethane must be compressed to higher than pipeline operating pressure to get into the pipe
 - Must be sufficient pressure “headroom” (difference between normal and maximum operating pressures)

MASTER STAMP

Looking Ahead:

Biomethane webpage (application process and FAQs)

Pipeline Absorption Capacity map (relative ability to accept gas)

Also working on:

- Biomethane delivery to pipeline by CNG truck (investigating)
- Standardized skid-mounted station designs (Less time, lower costs)
- Contractor build of lateral pipeline (PG&E specs and oversight)
- Revised contracts to match agreement terms with project financing needs

Contact:

For pipeline interconnections: Biomethane@pge.com



Questions?
