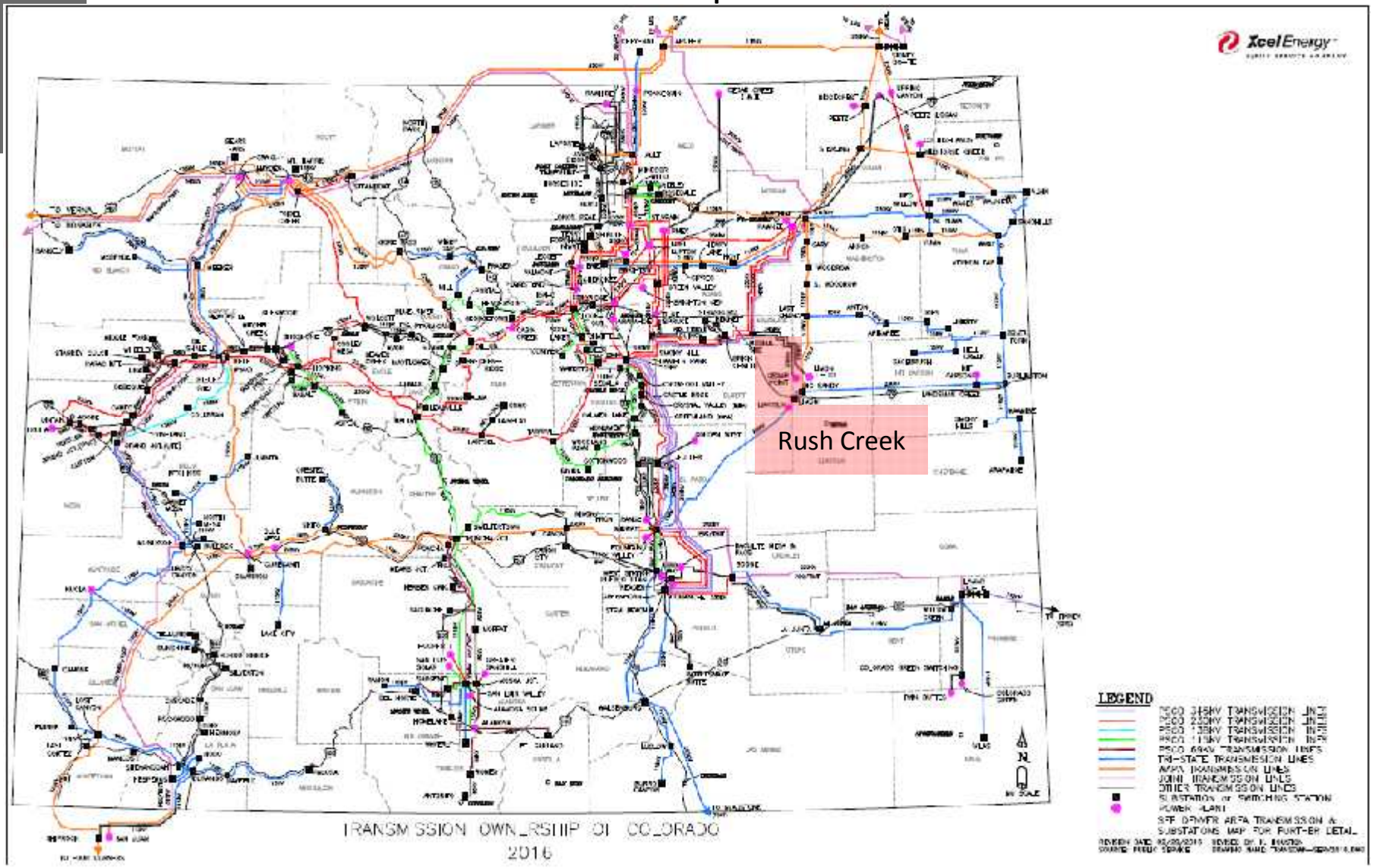
Colorado Coordinated Planning Group
Rush Creek Task Force

CCPG Meeting

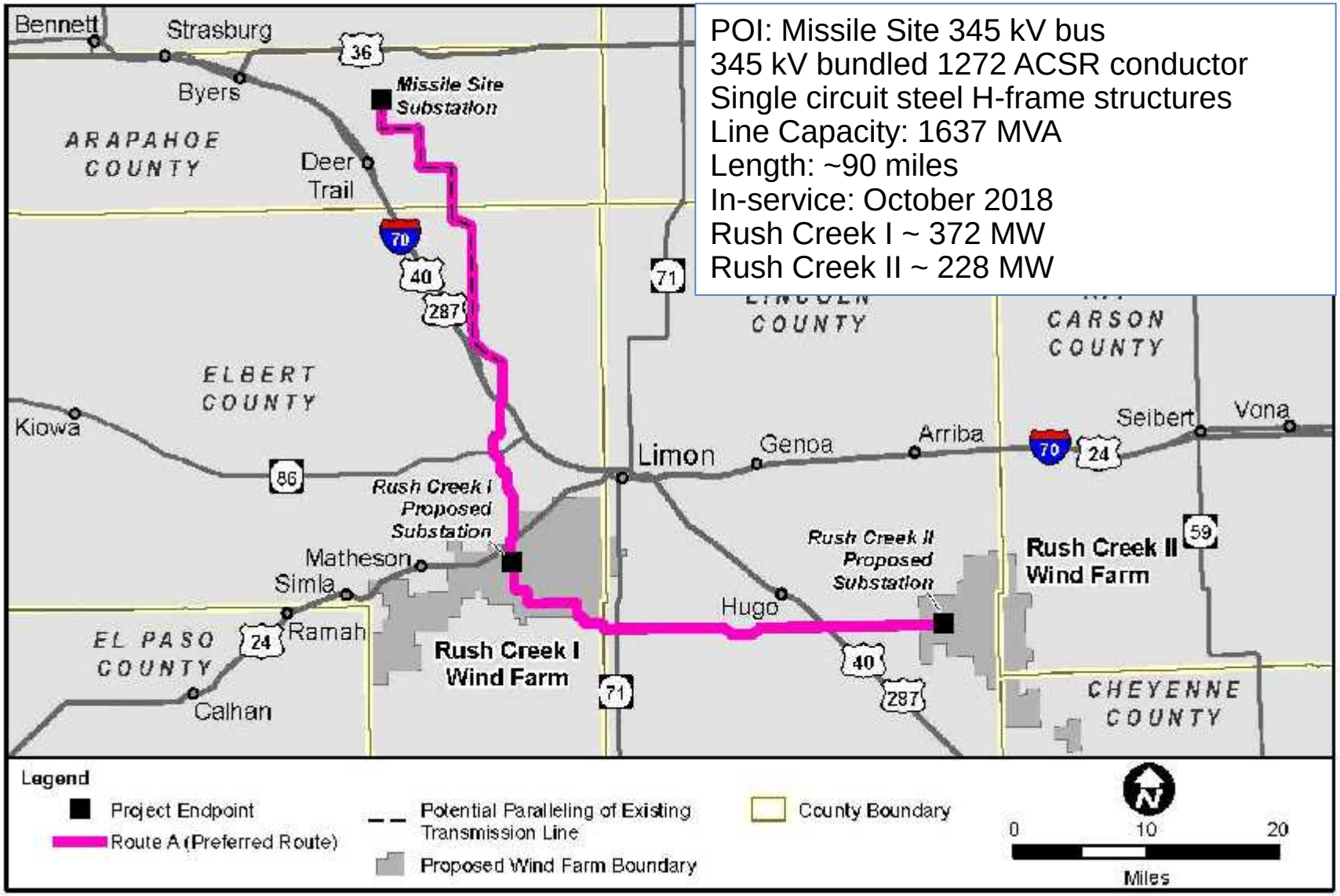
February 16, 2017

Transmission Ownership Colorado – 2016



Transmission Plan

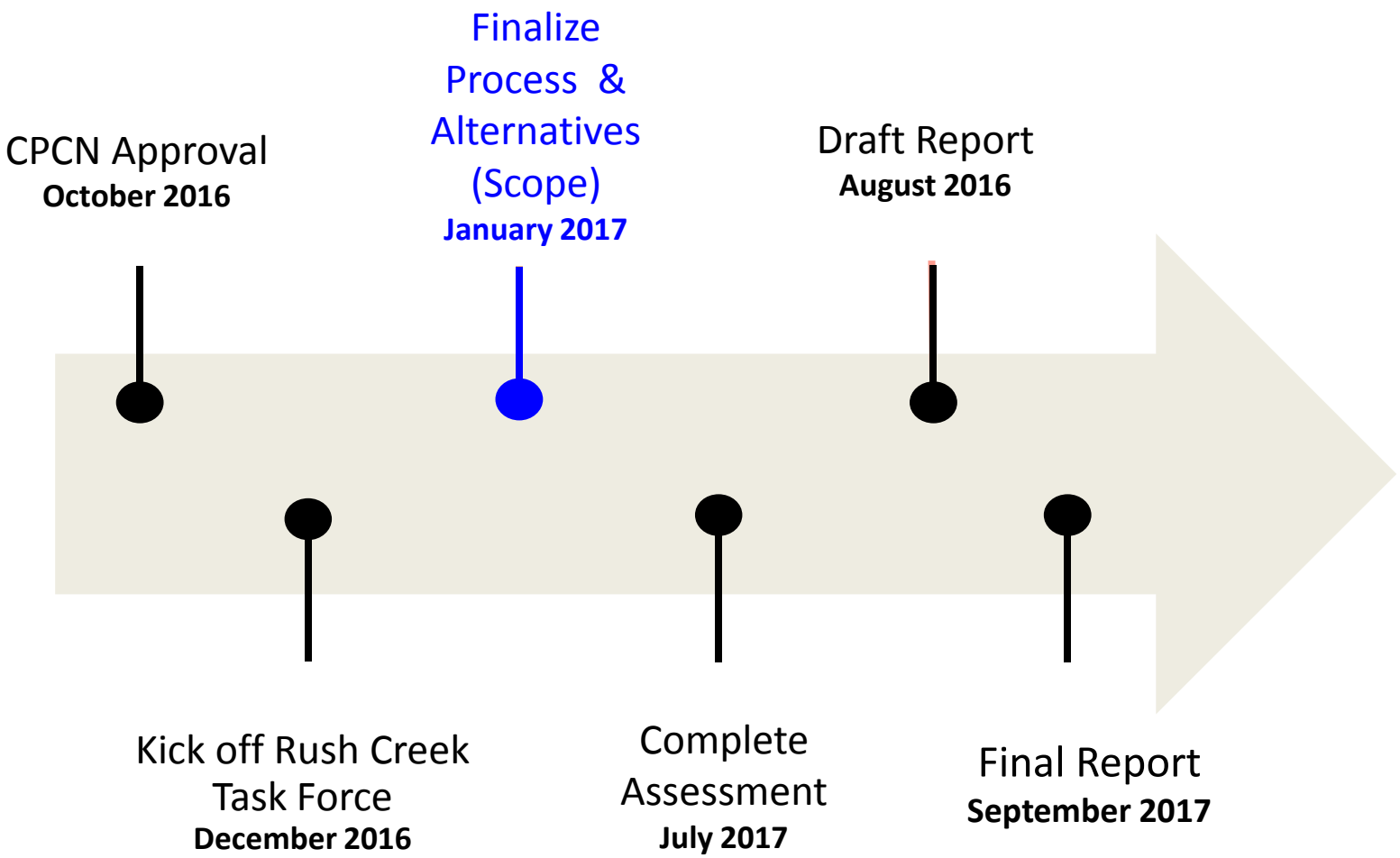
POI: Missile Site 345 kV bus
345 kV bundled 1272 ACSR conductor
Single circuit steel H-frame structures
Line Capacity: 1637 MVA
Length: ~90 miles
In-service: October 2018
Rush Creek I ~ 372 MW
Rush Creek II ~ 228 MW



Task Force Scope

- Evaluate Alternative Proposals to Integrate the planned Gen-Tie as a Network Facility
- PSCo to Provide Leadership & Resources
- Develop Potential Alternatives with Stakeholders
- Perform Transmission Studies
- Publish RCTF Report by September 2017
- Document Results in Rule 3627 Report (PSCo)

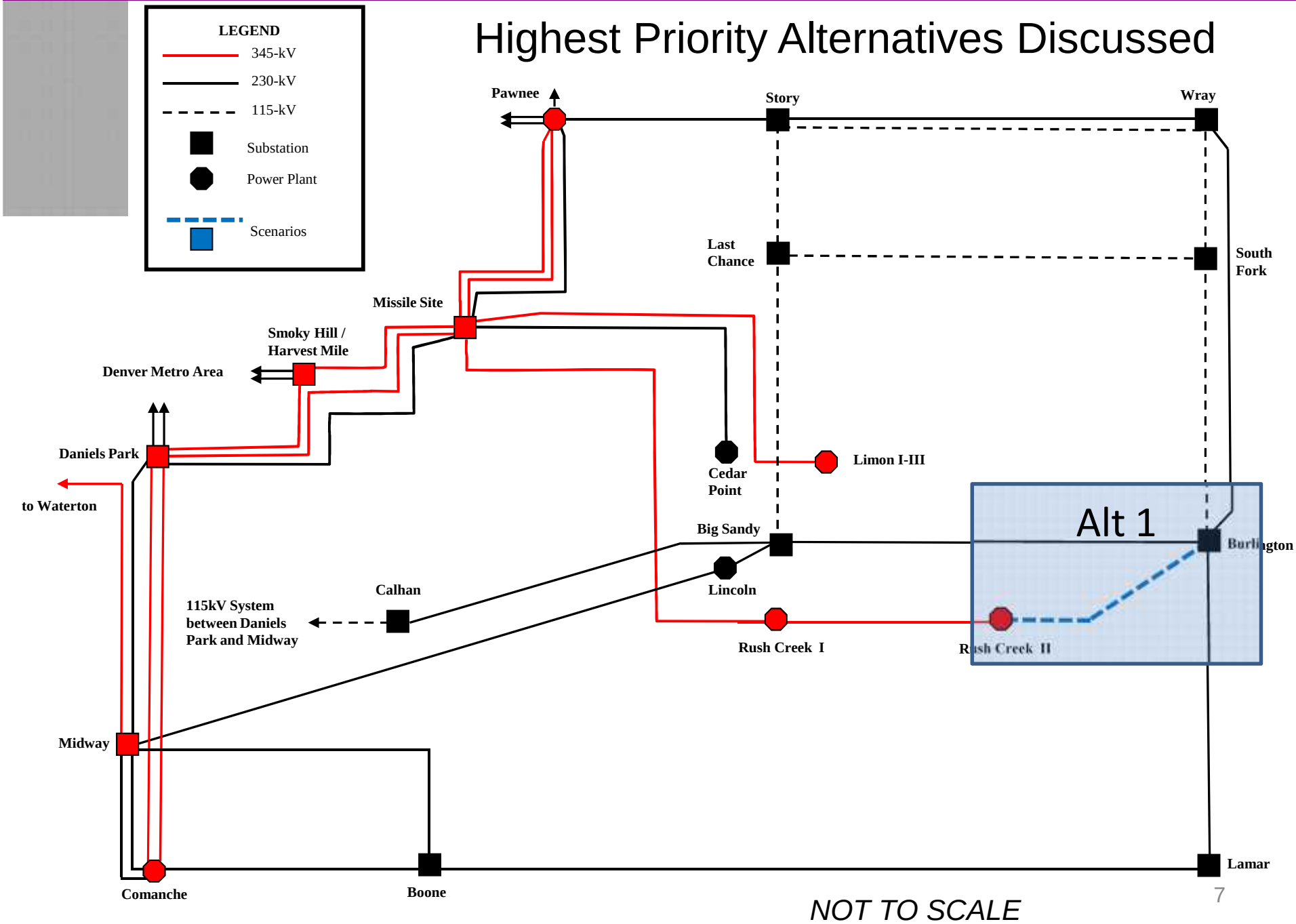
Timeline


CPCN Approval
October 2016
Finalize Process & Alternatives (Scope)
January 2017
Draft Report
August 2016
Kick off Rush Creek Task Force
December 2016
Complete Assessment
July 2017
Final Report
September 2017

Study Methodology

- Base Cases
  - Benchmark case: 2026 Heavy Summer
  - Light load case: 2026 Light Spring
  - Some sensitives may be preformed
- Maximum generation injection capability will be determined for benchmark and alternative scenarios
- Generation will be initially dispatched to sink into the Denver Metro area
- PSCo will provide indicative level cost estimates for the alternatives

Highest Priority Alternatives Discussed



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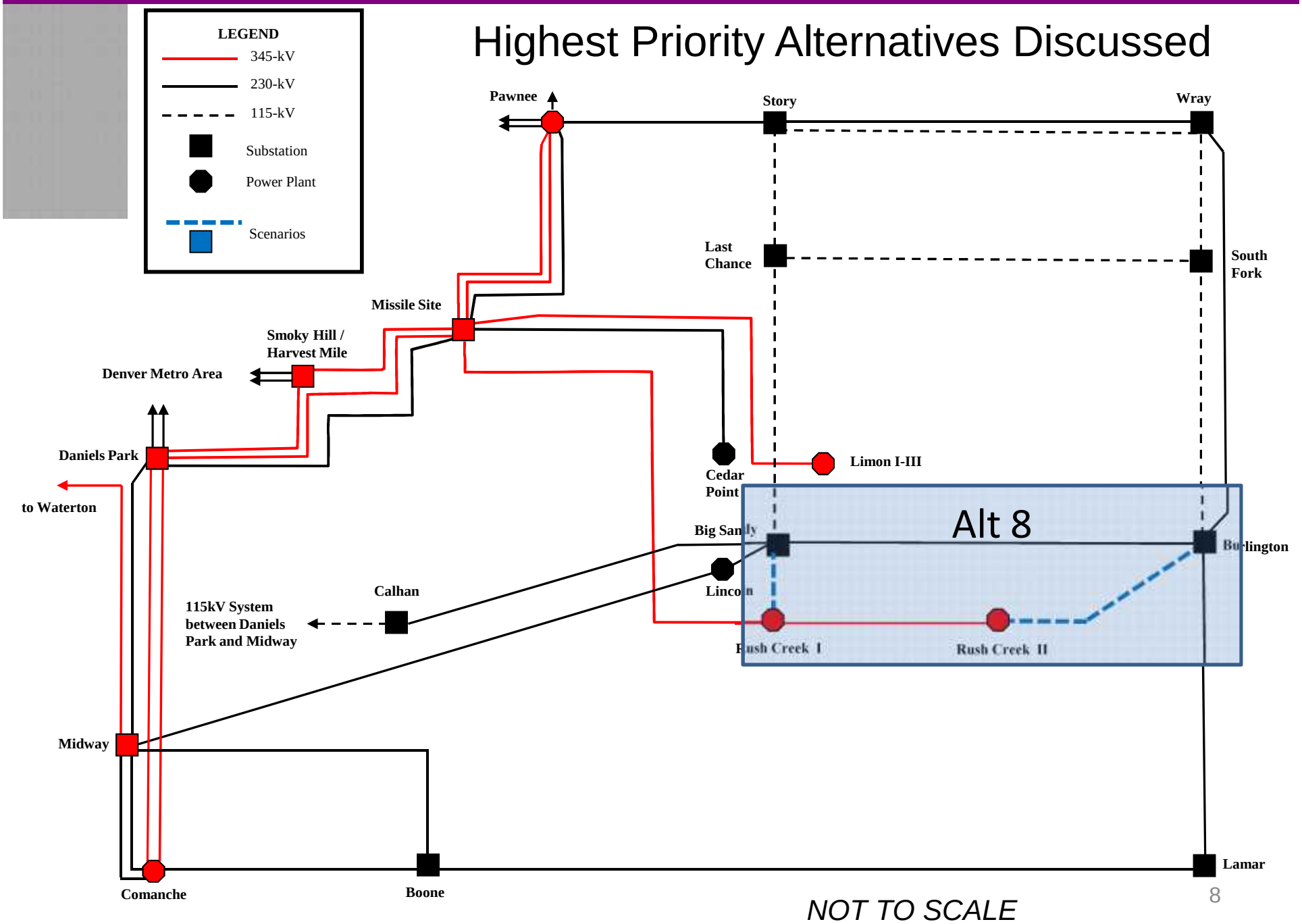

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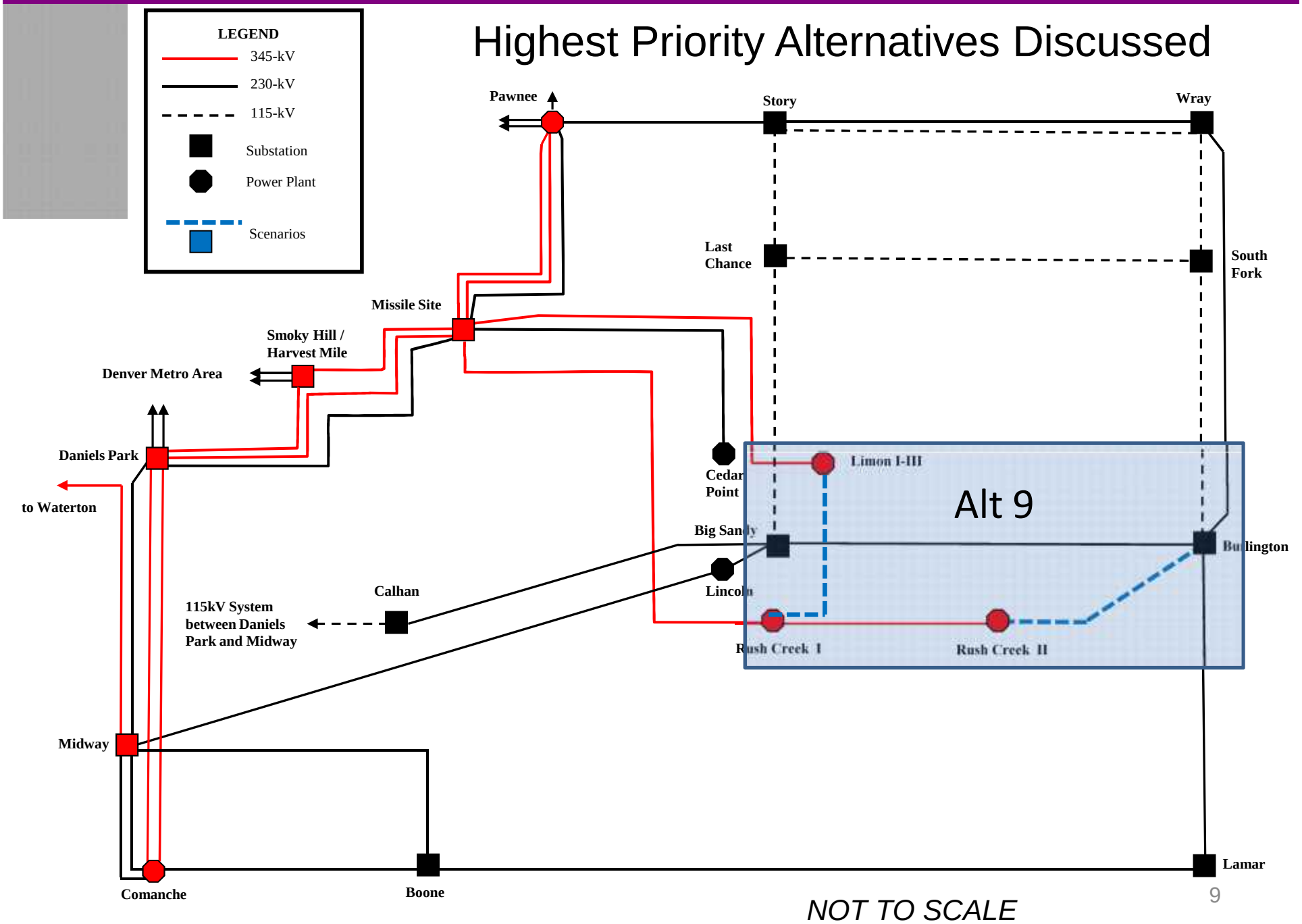

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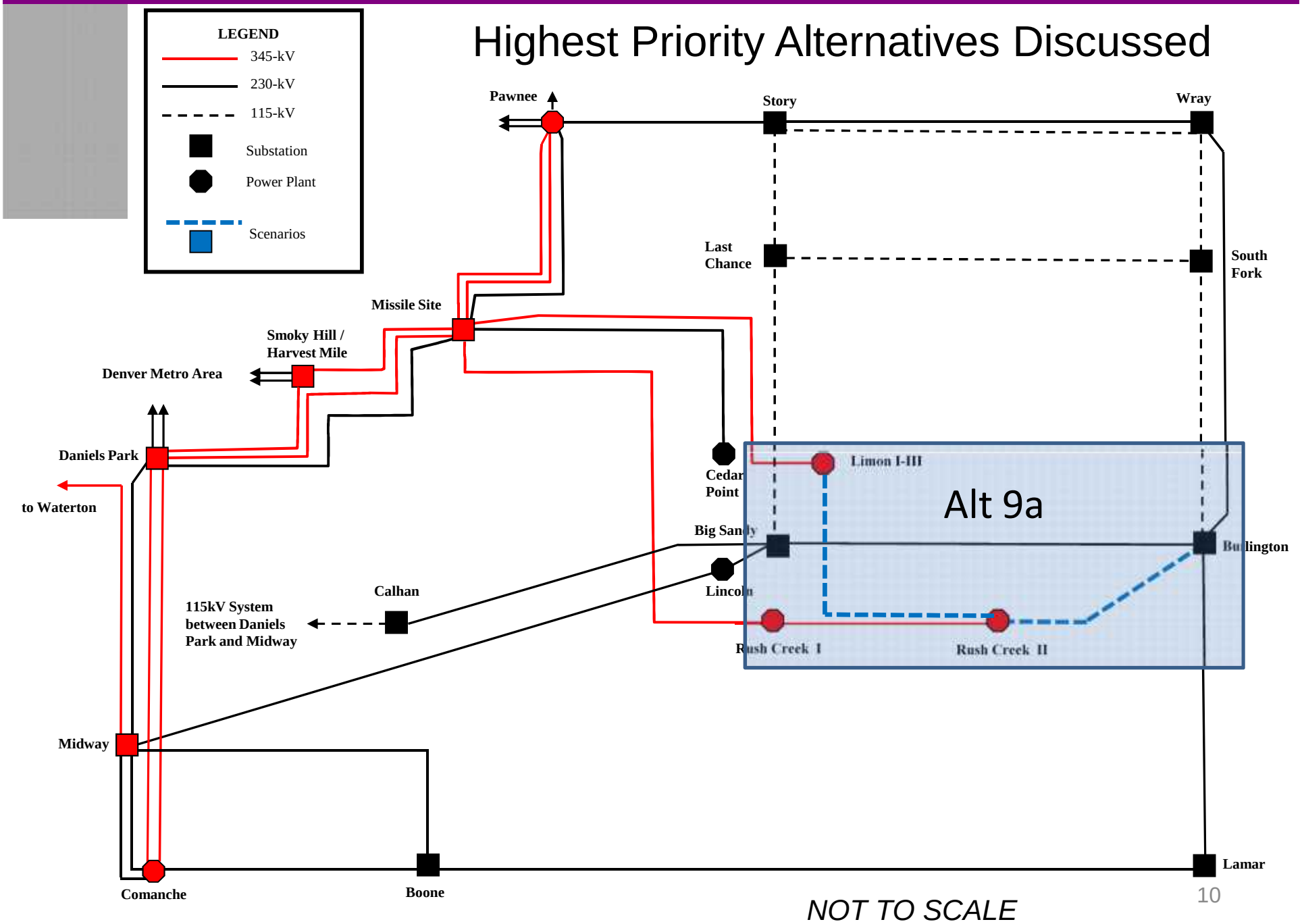

Next Steps

- Last Meeting January 24, 2017
  - Reviewed draft scope & alternatives
- Next Meeting February 22, 2017
  - Finalize study scope
  - Finalize alternatives
  - Review preliminary study results of high priority alternatives

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