Olds Station

PUD Substation Needs and Stemilt Expansion

7/24/17

No action requested at this time
Resolution for approval at future board meeting
Agenda

• Overview of Olds Station capacity planning

• District’s plan meets a Stemilt opportunity

• Capacity in lieu of fee (energy is in addition)

• Next steps

• Questions and comments
Key Benefits

• Provides for needed substation capacity in County’s industrial area
• Sites substation at load center
• Provides District with space for mobile substation
• Provides space for “double banking”
• Reduced siting and permitting efforts by District staff
• Replaces planned existing equipment at Olds Station
Olds Station Substation

- Replaced components
- Oil filtering
- Inadequate mobile space
Ohme Station Site
• North end of site
• Provide capacity to area
• Provide redundancy option
Capacity in Lieu of Fee

• Stemilt providing to District
  – Approximately 1 acre
  – Site and access grading
  – Underground duct bank installation for future station
  – Access and utility easements

• District providing to Stemilt
  – Use of up to 5MVA of substation capacity
  – Capacity not used by Stemilt District can use
Site Plan
Next Steps

• Finalize capacity and property agreements
• Tentative August 7 Board resolution
• Conditional use permit application this fall
• Railroad permit application this fall
• Begin equipment specification and design this fall
• Construction planned 2018 through 2019