Non-Wires for South of Allston
Customer Meeting
November 10, 2016
Agenda

1. Provide a high level project update for the SOA Non-Wires Program

2. Discuss next steps
**Scope of Operational Problem**

---Risk to Transmission Reliability---

### Non-Outage (A)
- **90 Min Notice**
  - INC, DEC, DSM
- **Day Ahead Notice**
  - INC, DEC, DSM

### Outage (A2B)
- Within Hour notice (ten minute) is needed but outside of the scope of BPA’s SOA RFO issued 4/26/16

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Pre-decisional. For Discussion Purposes Only
SOA Non-Wires Program

- The non-wires program is one of many work streams to mitigate summer congestion on the SOA. BPA is moving forward with an initial two year summer acquisition of non-wire products. The budget is $5M/year funded from TS.

- The non-wires portfolio is balanced with roughly 200 MW ofIncremental capacity (sourced from three separate third-party suppliers) and 200 MW of decremental capacity (sourced from a single supplier).

- The portfolio will be dispatched in aggregate to yield 115MW of flowgate relief on the SOA, in four hour blocks, for up to 40 hours per year.

- Third-party suppliers will be notified of the need to dispatch on a pre-schedule day-ahead basis, except for the decremental capacity supplier who will be notified of the need to dispatch 90 minutes ahead of time.

- At pre-schedule BPA plans to deny new hourly firm requests, including hourly firm redirects, that have a non-deminimis impact on the SOA during the forecasted period of congestion because doing so:
  - Avoids exacerbating an anticipated congestion event
  - Preserves the value of the SOA Non-Wires Program
**Project Milestones**

**Stage gate 1**
- Identify need
- Confirm budget
- Release RFO seeking all-sources of INCs and DECs
- Release BPs for tagging/scheduling to new centroid

**Stage gate 2**
- Bidder Evaluation
- EPRI Evaluation
- **Decision** on short-list of suppliers
- Stop Unlimited Hourly Sales & Redirects

**Stage gate 3**
- **Decision** on what to buy and how much to spend (ADF)
- Start contract negotiations
- Start implementation planning and process mapping

**Stage gate 4**
- **Decision** on people, process and systems to trigger and deploy SOA non-wires portfolio
- Award contracts
- **Launch SOA Non-Wires Pilot: Jul 2017**

**Stage gate 5**
- Performance evaluation
- Modify, as needed
- Evaluate budget
- Release RFO
Next Steps

- We are working collaboratively across power and transmission to develop an implementation plan for non-wires before the go-live date in July 2017.

- We plan to engage customers in the fall of 2017, after the summer demonstration to share non-wires program performance highlights.

- Any questions?