



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



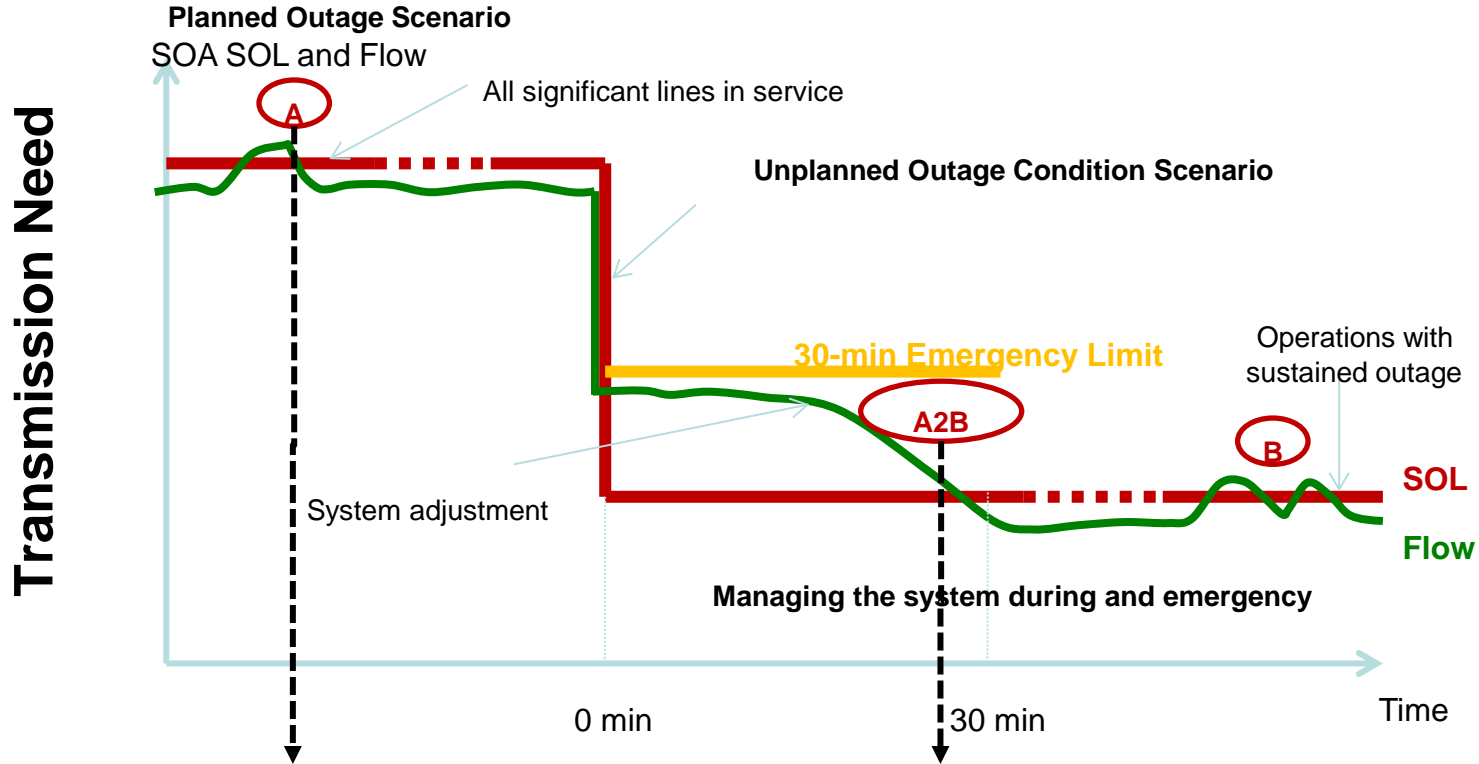
# Agenda

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--



<b>Non-Wires</b>	<b>Non-Outage (A)</b>	<b>Outage (A2B)</b>
	<b>90 Min Notice</b> INC, DEC, DSM	<b>Within Hour notice (ten minute) is needed but outside of the scope of BPA's SOA RFO issued 4/26/16</b>
	<b>Day Ahead Notice</b> INC, DEC, DSM	

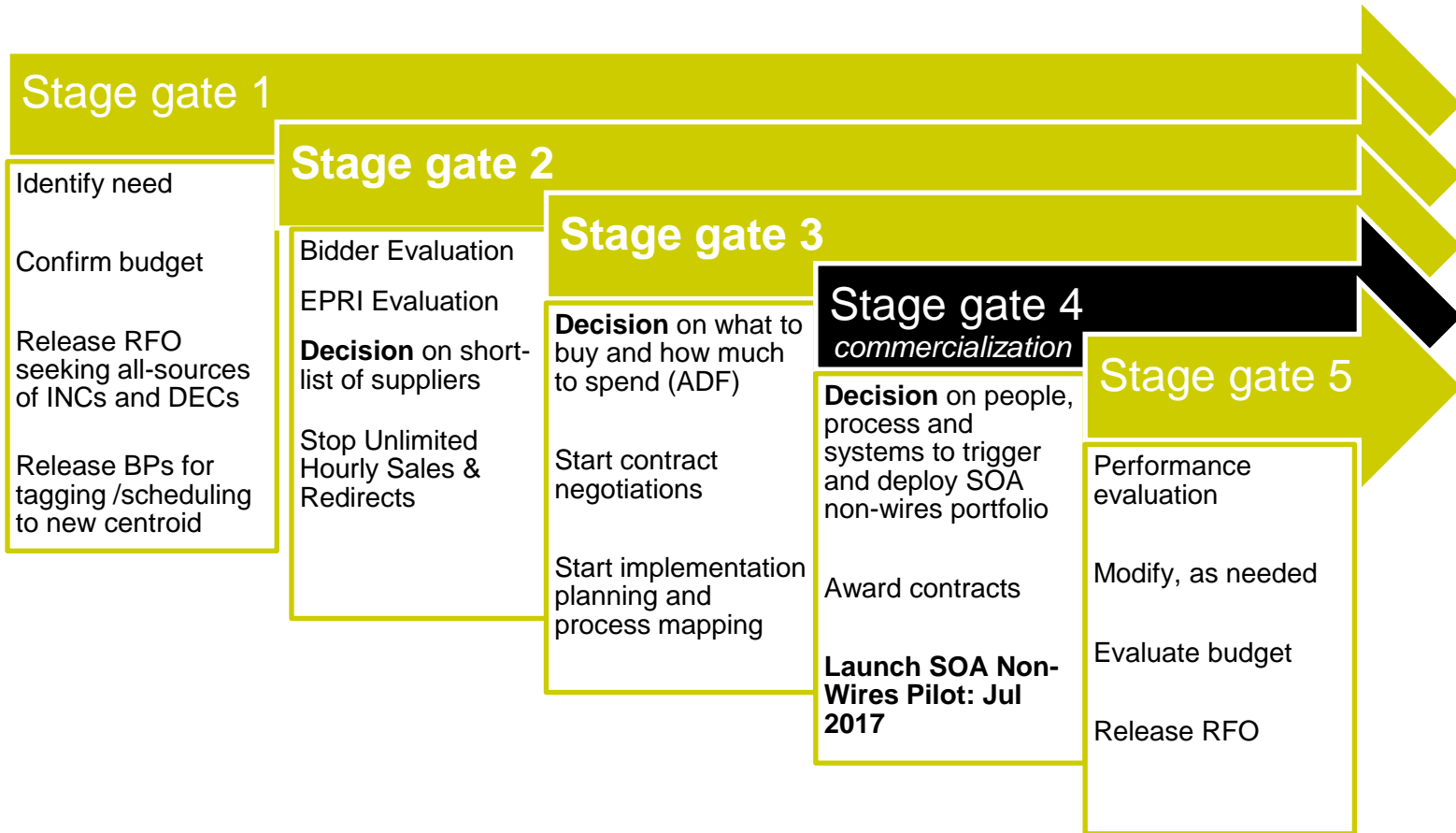


# SOA Non-Wires Program

- 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 of Incremental 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



# 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?