



Update with Decision on Hot Water Model Project

August 1, 2018

Welcome Back, Jessica!



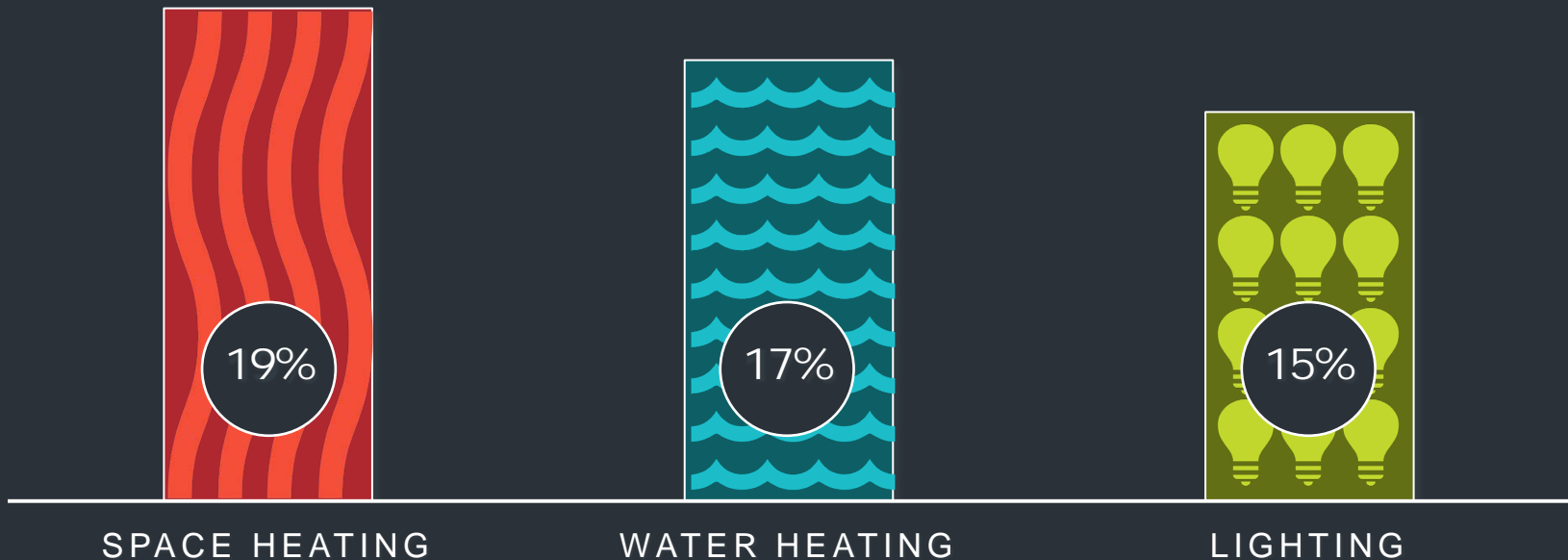
Agenda

1. Quick recap of key issues presented in June
2. Update on BPA decision for proceeding with project

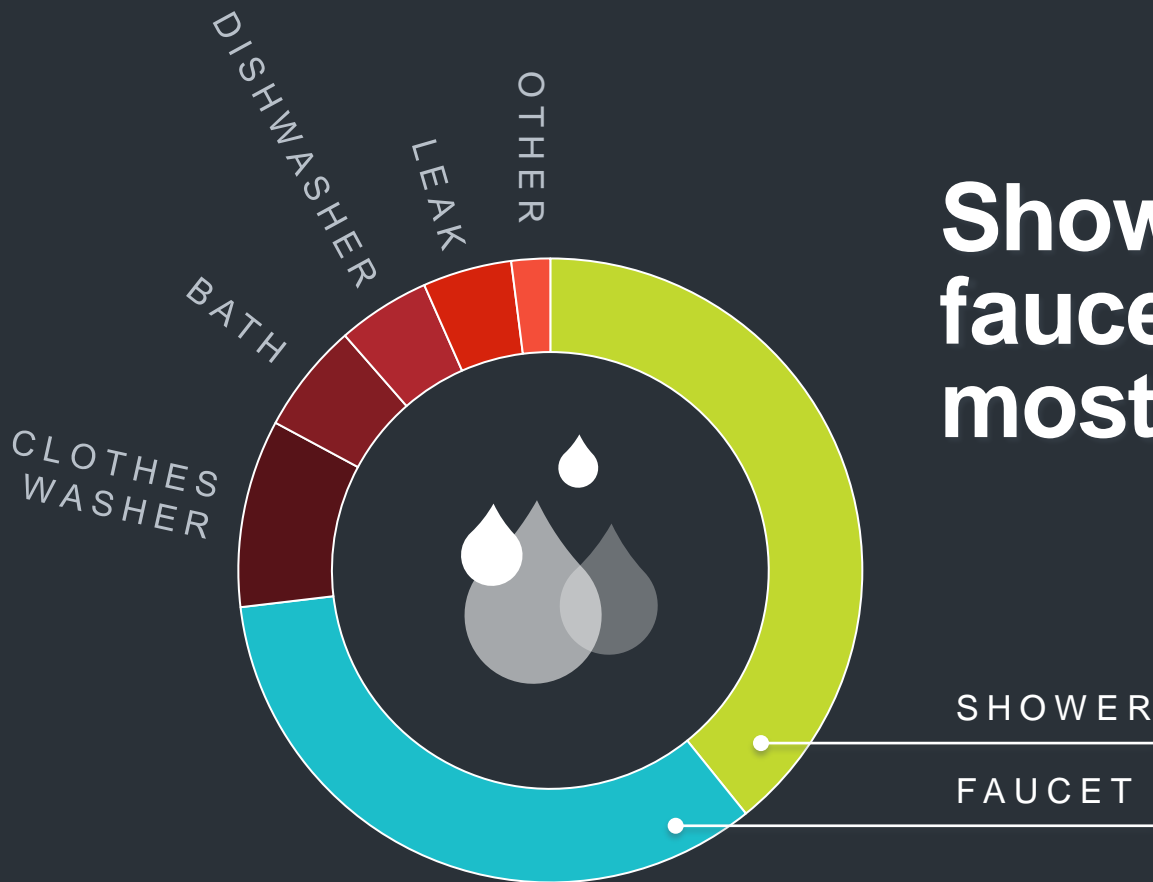
Quick Recap

Residential hot water is a big end-use, and it's important

PERCENT OF 2015 NORTHWEST RESIDENTIAL LOAD (aMW)



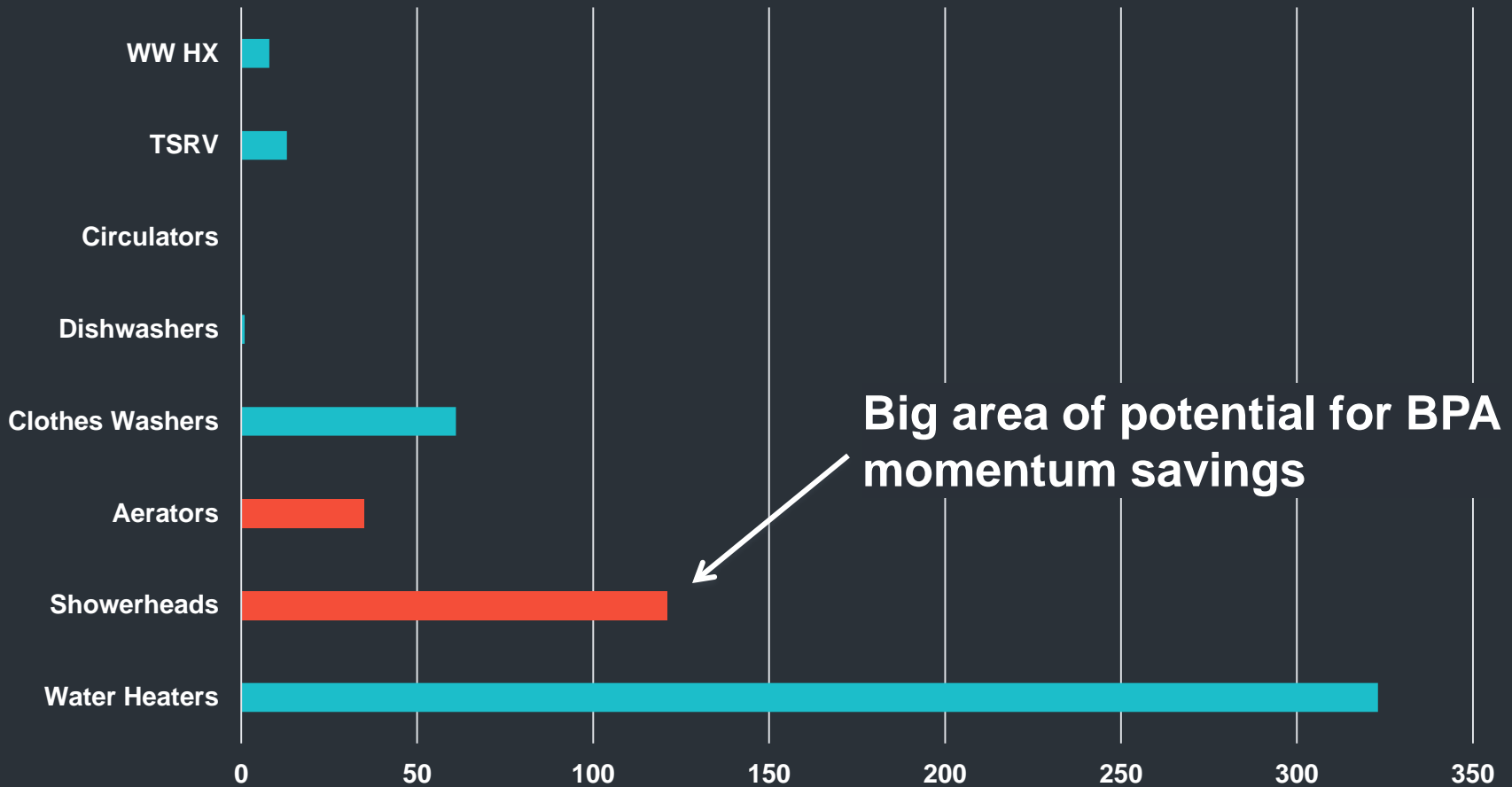
Showers and faucets use the most hot water



Source: 2016 Residential End Uses of Water, Version 2: Executive Report, Table 1

Big area of potential in 7th Plan

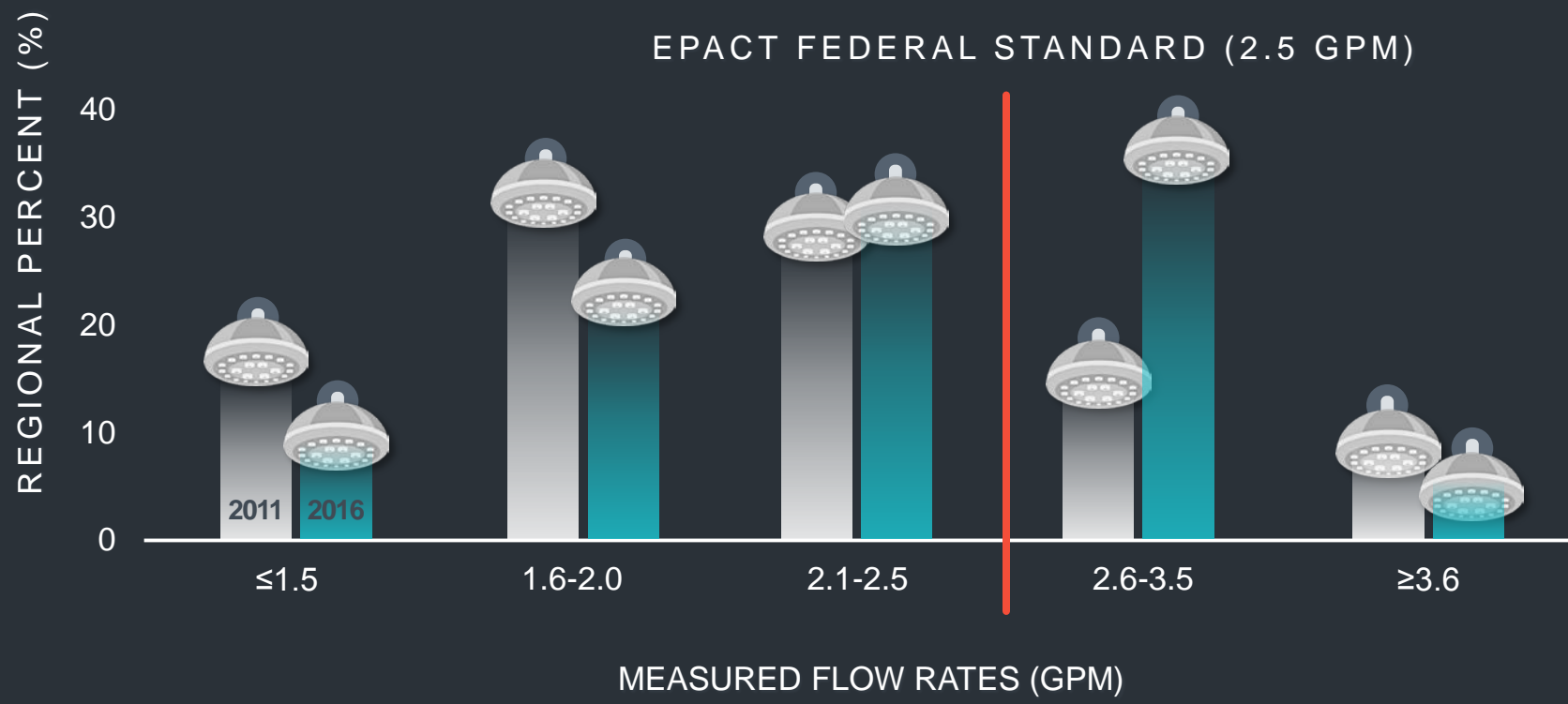
7th Plan Potential (aMW)



There are lots of inefficient showerheads and faucet aerators in our region.

Showerheads are becoming less efficient over time

Decrease in saturation of efficient showerheads 2011-2016 (single family)



**Explored potential reasons for increase
in measured flow rates compared to
RBSA 2011...**

**And found what we think is going on,
which is a **difference in
measurement techniques**
between the two RBSAs.**

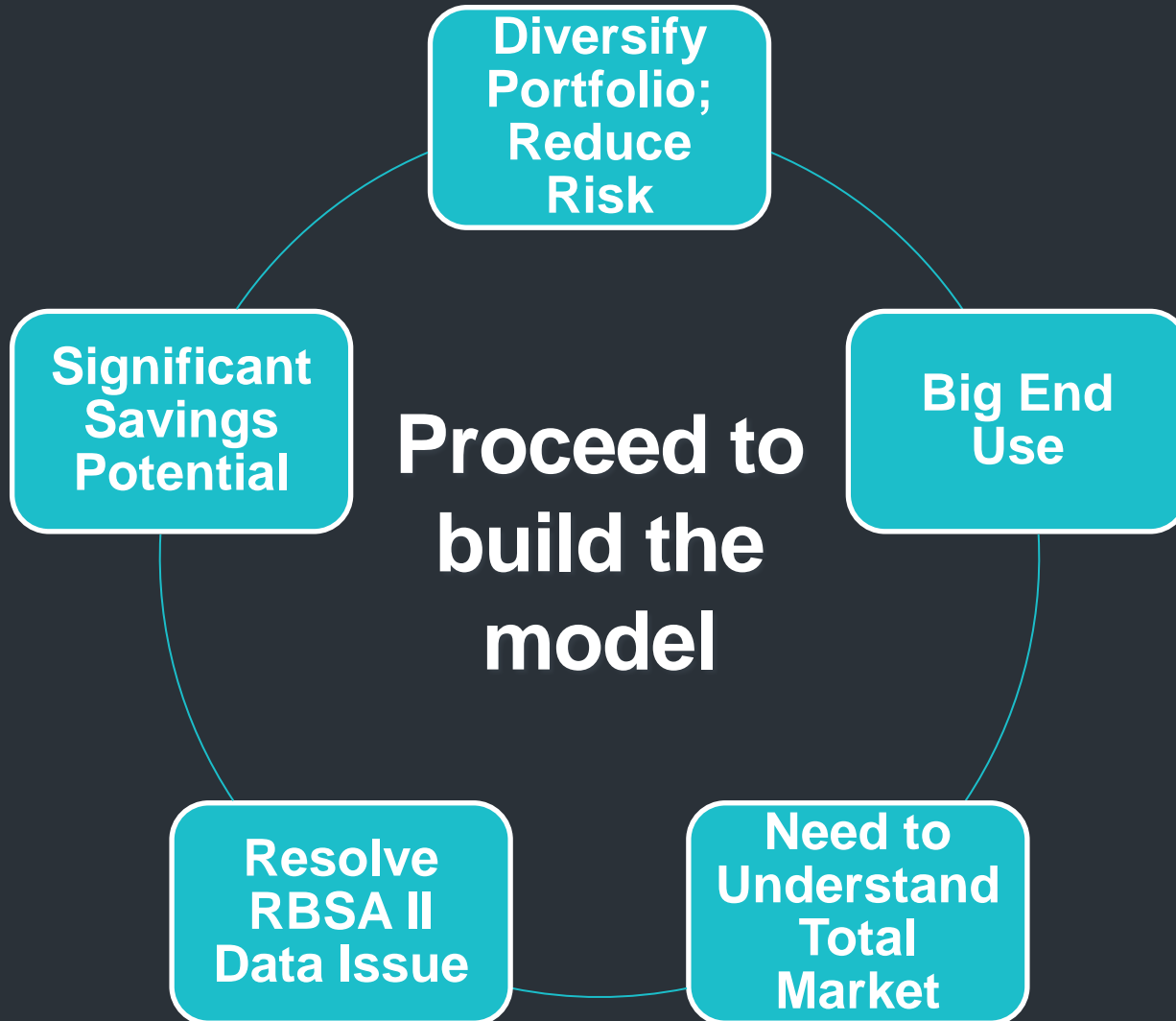


**This left us with a
decision to make on
if and how to proceed**

We explored some options



Where we landed (decision)



So what's next?

- **Ramping project back up:**
 - Had developed methodology and received RTF Market Analysis Subcommittee comments
 - Need to circle back with M.A. subcommittee
- **Continue model sprinting in August**
- **Model will be complete by Spring 2019**



Contact

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See you September 5th!



Update on Heat Pump Field Study

Philip Kelsven



Thanks!

See you September 5th!