

WHAT IS THE CHALLENGE?

The Eastside is growing faster than any other region in Washington. World-class businesses are moving in and population growth is on the upswing. At the same time, this good fortune is straining our region's existing electric system.

Growth studies project that demand for reliable power will exceed capacity as early as 2017. This doesn't mean the lights will go out, but without upgrades, the Eastside's power system will lose redundancy, increasing the possibility of outages for as many as 60,000 customers.

PROCESS TO IDENTIFY A SOLUTION AND ROUTE OPTIONS

1

WHAT ARE THE POTENTIAL APPROACHES TO MEET THE EASTSIDE'S ELECTRICITY NEEDS?

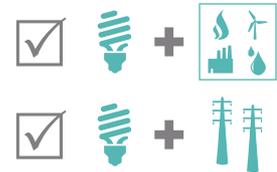
PSE and independent experts spent a year researching possible solutions to meet the Eastside's electricity needs, including "non-wires" solutions like conservation, local generation and new infrastructure.



2

WHAT APPROACHES PROVIDE ENOUGH ELECTRICITY TO MEET THE EASTSIDE'S NEEDS?

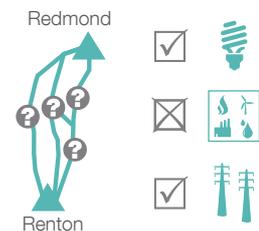
Engineers reviewed alternatives to each approach, and found that only local generation or new infrastructure located near the center of high electricity demand could meet the Eastside's needs. This includes meeting PSE's already significant conservation goals for the Eastside.



3

WHAT SOLUTIONS BEST DELIVER ELECTRICITY TO THE EASTSIDE?

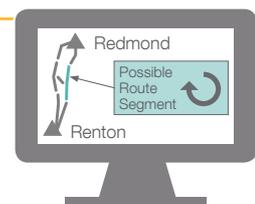
Engineers analyzed the generation and infrastructure alternatives based on system performance, flexibility and longevity. They determined that a combination of continued conservation and infrastructure upgrades – a new or upgraded substation and higher capacity transmission lines located near the high electricity demand – is the only solution that reliably meets the Eastside's growing energy needs.



4

WHERE COULD PSE BUILD A SOLUTION?

Engineers used a computer-based modeling tool to analyze key criteria like geographic barriers, land uses and impacts to the environment. Based on this analysis, route segments were identified that can be combined into various complete route options that connect to potential substations.

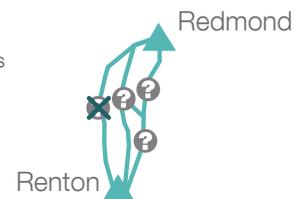


5

WHAT OTHER LOCATIONS HAS PSE CONSIDERED?

PSE looked into using the Seattle City Light transmission line corridor as a potential site for the higher capacity transmission lines. However, PSE has been told by Seattle City Light that this corridor is a key component of Seattle City Light's transmission system and is not available for PSE's use.

PSE also reached out to Washington State Department of Transportation (WSDOT) about building the lines in the I-405 corridor. WSDOT indicated that policy doesn't allow utilities along an interstate.



6

WHAT DOES THE PUBLIC THINK?

Since launching the project in December 2013, PSE has met with Eastside residents, businesses and community leaders to share more information about the project and to review potential route segments that can be combined to create one route for the new 230 kV transmission lines. PSE has also collaborated with a Community Advisory Group, a 24-member group of Eastside representatives from various interests.



WE WANT TO HEAR FROM YOU

Your feedback will help us identify a route option and substation location that work best for the Eastside. After collecting feedback from the public, the Community Advisory Group and other stakeholders, PSE will further evaluate requirements and constraints and select a preferred route and substation to move forward for final design, environmental review and permitting.