



Denny Substation Project

Powering Seattle through the 21st century



Denny Substation Project

Project Status Report for Energy & Environment Committee

June 25, 2013



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Today's Agenda

Denny Substation Project Objective

SEPA / Permitting Update

Designating a Preferred Alternative

Transmission Line Alternative Addition

Submittal of Street Vacation Petition

Submittal of Project to Design Commission



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Project Objective

The project objective is to provide for the design & construction of a new Denny Substation, a new South Lake Union (SLU) Network System, and all associated transmission infrastructure as necessary to provide improved capacity for the region and reliability & load relief and optimal operation of the Seattle City Light electrical power system.

These improvements will serve to support and sustain the continuing growth with the capacity, reliability, and operational flexibility required by the City Light Department in fulfilling its mission to provide the necessary infrastructure for these urban centers that are vital to the City of Seattle's economic development.

Co-development potential has been discussed by the City Council but is not a project objective for Seattle City Light.



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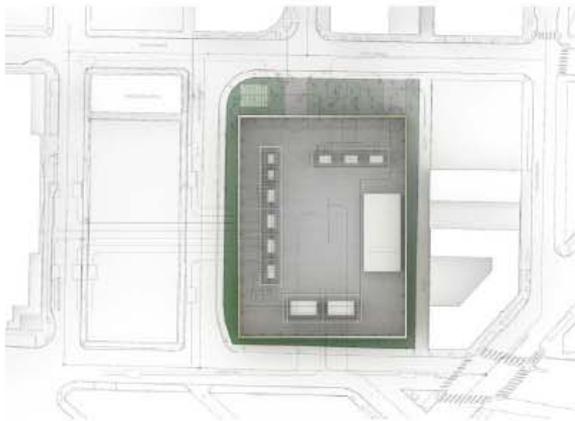


3 Substation Alternatives in SEPA/EIS

NO STREET VACATION OPTION

STREET VACATION OPTIONS

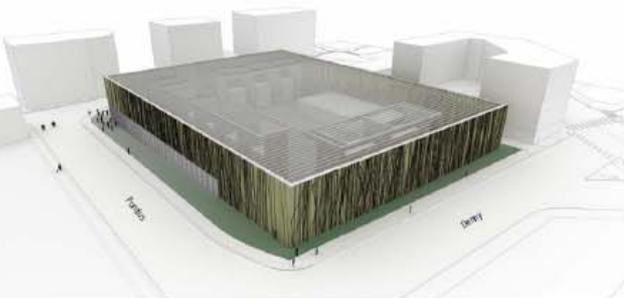
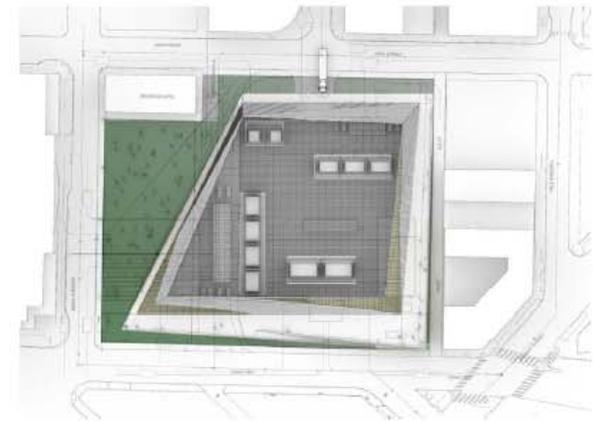
Alternative 1



Alternative 2



Alternative 3





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SEPA / Permitting Update

- SEPA Substation Alternative 3 – 30% design was reviewed by the Design Commission (June 6, 2013) and approved with a 7-1 vote.
- SCL plans to designate Substation Alternative 3 as the Preferred Alternative (PA) and present it for Design Commission review and permit applications.
- SCL will continue evaluation of all 3 substation alternatives (plus the No Action Alternative) in DEIS.
- SCL will not make a final recommendation on project design until the FEIS is complete.
- The FEIS analysis, public input on the FEIS, and the permitting process together will guide project development and design

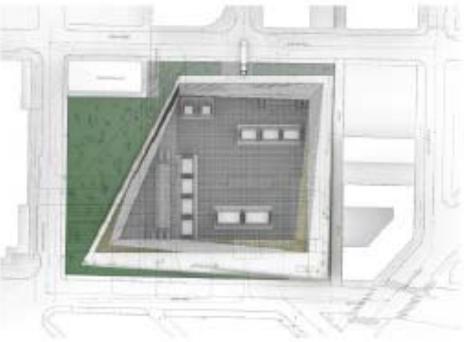


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SEPA Alternative 3 – Preferred Alternative



AERIAL VIEW FROM DENNY LOOKING NE



SEPA / Permitting Update

SCL is considering adding a new alternative transmission route along I-5

Route would be underground - partly within WSDOT ROW - partly beneath city streets

- SCL is consulting with WSDOT on feasibility of the route

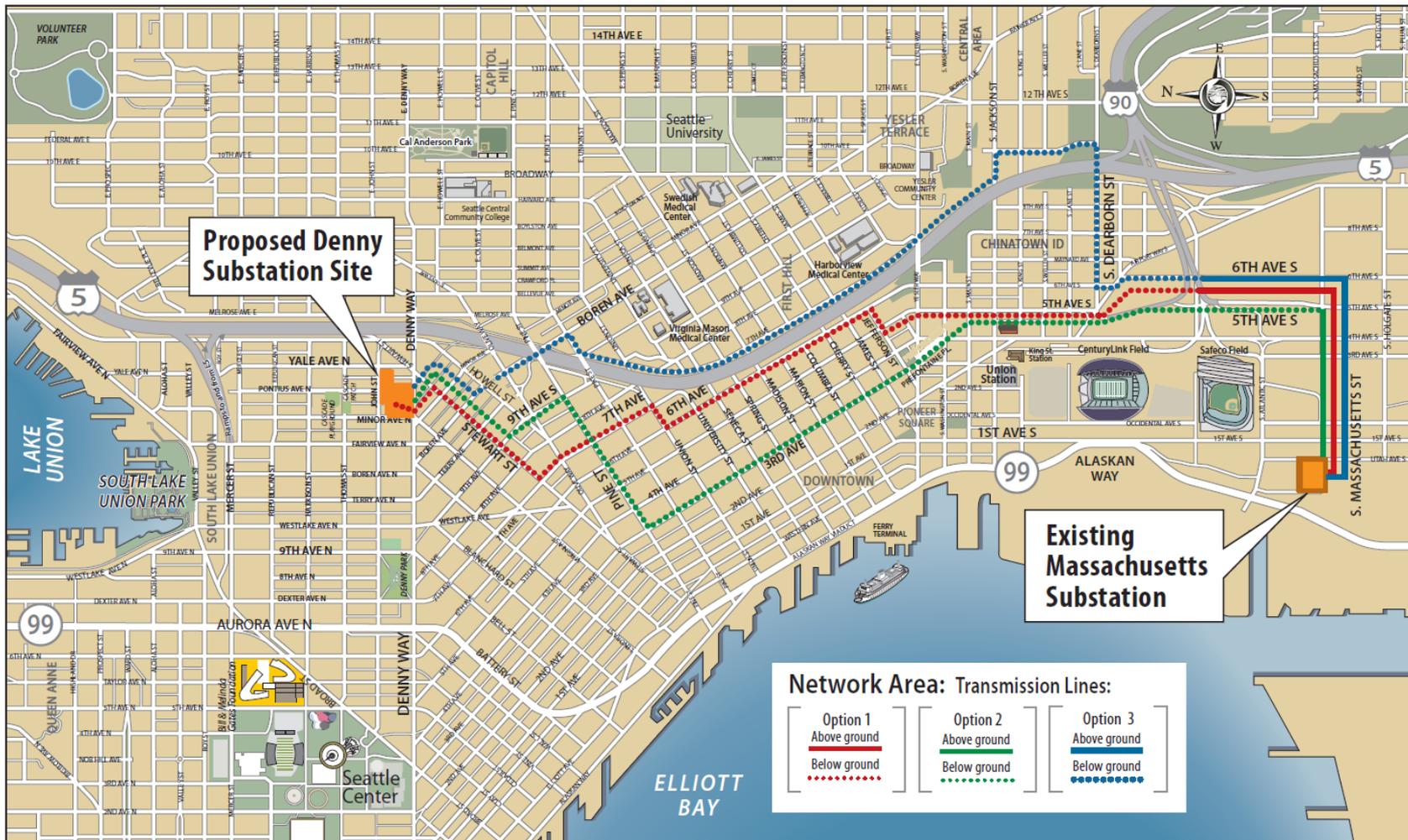


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EIS Transmission Line Alternatives





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Street Vacation Petition / Design Commission

- To stay on schedule, SCL will engage in next steps (Street Vacation & Design Commission submission) for the Preferred Alternative, however, SEPA requires us to continue to consider the other two alternatives included in the DEIS.
- Project design must advance, 60% design starts July 2013.
- Street Vacation and Design Commission final approval process has a long duration.
- Vacation petition allows interaction with SDOT and the Design Commission concerning urban merit and public benefits.
- Design Commission and SDOT interaction will influence the project design.



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Questions?

Project Website:

seattle.gov/light/dennysub