



Resource Plan Summary
June 2008

13315 Goodnough Dr NW Gig Harbor, WA 98335



Overview

Peninsula Light Company (PLC), formed in 1925, is a member owned mutual cooperative. PLC provides electric and water services to over 25,000 members in the Gig Harbor and Key Peninsulas of Western Pierce County in Washington State and is the second largest cooperative in the state of Washington. The PLC service territory extends roughly from the Tacoma Narrows (on the south) to the Kitsap County line (to the north). PLC is a retail electric distribution utility and does not generate electricity or own generation assets. The Bonneville Power Administration (BPA) provides 100% of the electricity used by PLC and its members. The demand for electricity is forecast to grow from 67 aMW in 2007 to 88 aMW in 2020.

The purpose of the Resource Plan is to provide PLC with a roadmap to ensure adequate resources are available at a reasonable cost to meet its member’s future needs. The plan must consider all potential options and be flexible enough to adapt to changing economic and regulatory circumstances. Energy efficiency and renewable power supplies are among the alternatives PLC will consider in meeting its future growth above its BPA contract which covers all of PLC’s needs through 2011.

**Peninsula Light Company
Forecast Loads and Resources
(aMW)**

	2007	2010	2015	2020
Forecast Load	67	73.0	80.0	88.0
Conservation	0	0.5	0.6	0.7
Net Load	67	72.5	79.4	87.3
BPA	67	72.5	72.3	72.3
Resource Need				
Resource Need	0	0	7.1	15.0
Renewable Requirement Per I-937			2.3	12.7

PLC will conduct an independent analysis of its conservation and demand-side management potential in 2009 but for now will assume conservation savings of about 0.5 aMW. Most, if not all of the resources used to meet PLC’s need will come from renewable resources in order to meet the state Renewable Portfolio Standards (RPS)

requirement. PLC will examine all eligible resource types in order to make the best decision for its members.

Action Plan

PLC will strive to preserve its resource options through the following actions:

1. Identify all cost-effective conservation opportunities and create and implement a plan to achieve that conservation.
2. Pursue contracts for and /or ownership opportunities for renewable resources to meet load growth.
3. Determine the potential of distributed generation within the PLC service territory and create programs that will encourage its development.
4. Work with BPA and trade groups to get a BPA Power Supply Contract for 2012-2028 that guarantees PLC's existing rights to the federal power system.