



Seattle City Light

2018 INTEGRATED RESOURCE PLAN

Progress Report

Aliza Seelig | August 16, 2018

INTEGRATED RESOURCE PLAN

- A long-term power supply plan to meet anticipated customer needs for the next 20 years
- An opportunity for customers and City partners to share their vision for the plan
- Integral to the conservation potential assessment



INTEGRATED RESOURCE PLAN

- Required by RCW 19.280
 - ✓ Requires evaluation of broad resource mix
 - ✓ Minimum 10 year time horizon
 - ✓ Progress Report every two years
 - ✓ Updated Plan a minimum of every four years
 - ✓ RCW requires this IRP Progress Report be adopted by City Council prior to September 1

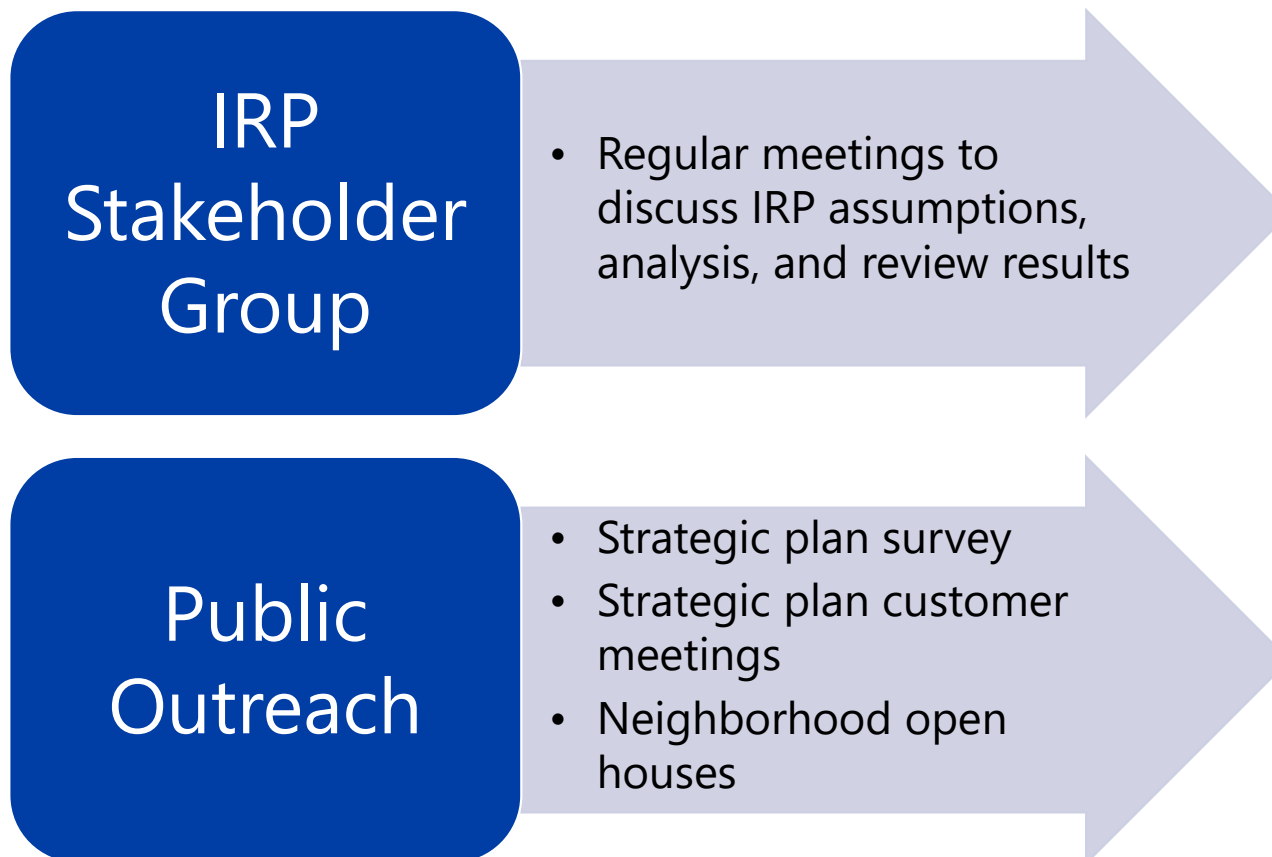


PROGRESS REPORT HIGHLIGHTS



- ✓ City Light's existing power supply provides a strong foundation
- ✓ Energy efficiency adoption surpassing targets
- ✓ Net metering program has been successful
- ✓ Renewable energy project costs falling
- ✓ EV and solar growth supported by incentives and public desire to do more
- ✓ BPA power and transmission contracts provide reliable energy
- ✓ New load forecast model adopted

IRP STAKEHOLDER & OUTREACH PROCESS



MAJOR IRP PROGRESS REPORT CONSIDERATIONS

Seattle (Resolutions)

- Carbon neutrality
- Meet load growth with conservation and renewable energy
- Net metering
- Climate change

Washington

- Integrated Resource Plan rule
- Energy Independence Act
- Net Metering

Regional & Federal

- New resource financial incentives
- Reliability standards
- Hydro license requirements
- Wholesale energy market
- Western states renewable portfolio standards

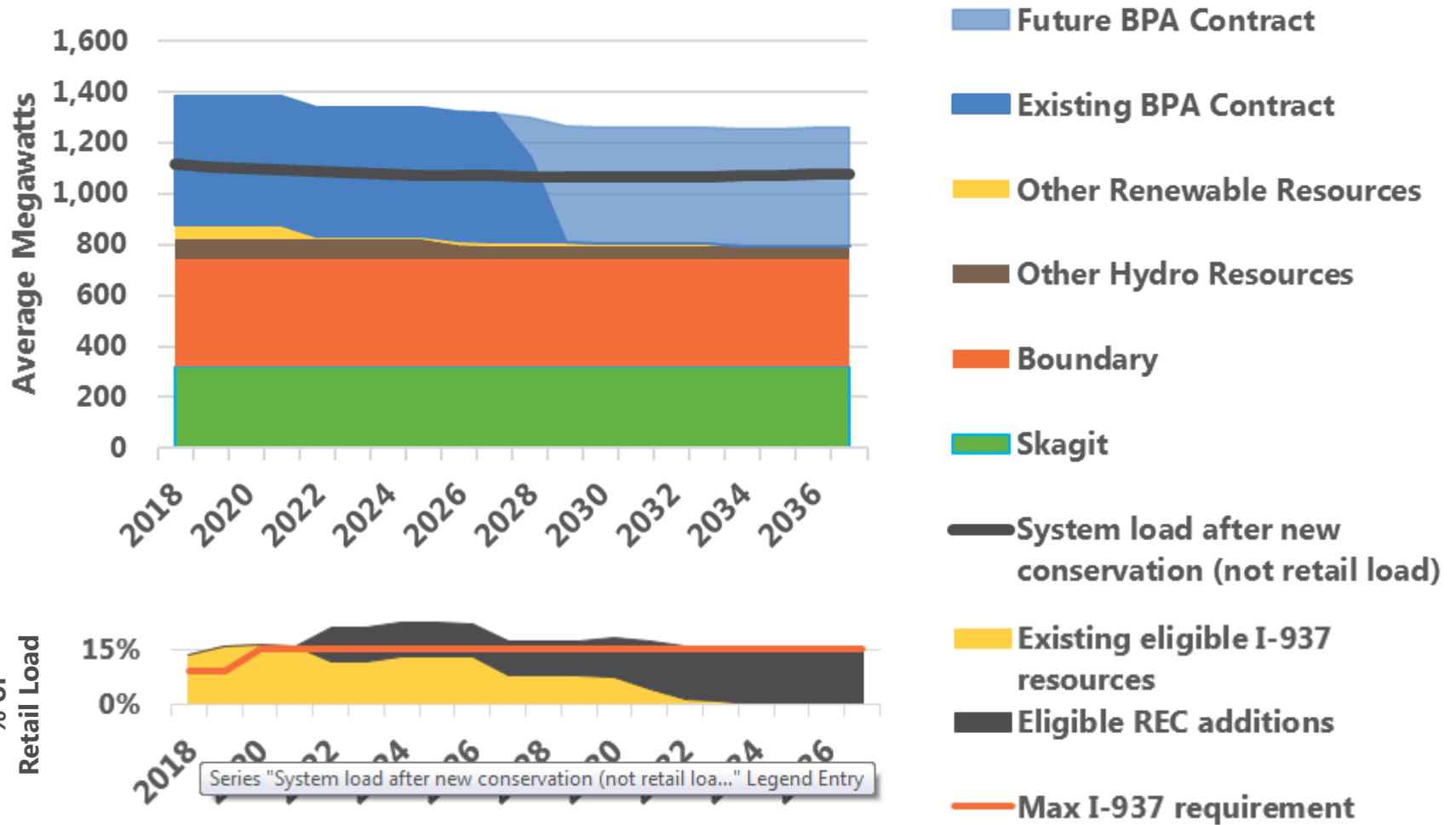


PROGRESS REPORT FINDINGS

- Existing power supply and new energy efficiency expected to meet customer demand
- Energy efficiency continues to be highest priority investment for the future
- Carbon fees / taxes can reduce carbon emissions
- BPA contract continues to be a vital and strategic long-term option
- City Light well positioned to maintain carbon neutrality
- More EIA (I-937) eligible renewable resources may be needed as early as 2022
- Many customers want to play a direct role in reducing carbon emissions



2018 IRP PROGRESS REPORT PATHWAY



2020 IRP PRIORITIES

Customer Engagement

Reliability and Resiliency

Environmental Stewardship

Environmental Equity / Affordability

Alternative Clean Energy Options / Customer Options

Electrification

Metrics



HOW TO LEARN MORE AND PARTICIPATE

- Visit www.seattle.gov/light/irp to:
 - Access 2018 Integrated Resource Plan Progress Report and archived resource plans.
- Email SCL.IRP@seattle.gov
- IRP Leadership:
 - Aliza Seelig, Resource Planning, Forecasting and Analysis Manager
 - Joy Liechty, Power Management Director
 - Mike Haynes, Power Supply Officer



CITY LIGHT

OUR MISSION

Seattle City Light is dedicated to delivering customers affordable, reliable and environmentally responsible electricity services.

OUR VISION

We resolve to provide a positive, fulfilling and engaging experience for our employees. We will expect and reinforce leadership behaviors that contribute to that culture. Our workforce is the foundation upon which we achieve our public service goals and will reflect the diversity of the community we serve.

We strive to improve quality of life by understanding and answering the needs of our customers. We aim to provide more opportunities to those with fewer resources and will protect the well-being and safety of the public.

We aspire to be the nation's greenest utility by fulfilling our mission in an environmentally and socially responsible manner.

OUR VALUES

Safety, Environmental Stewardship, Innovation, Excellence, Customer Care



Seattle City Light