



OVERVIEW OF THE 2012 INTEGRATED RESOURCE PLAN

ENERGY COMMITTEE

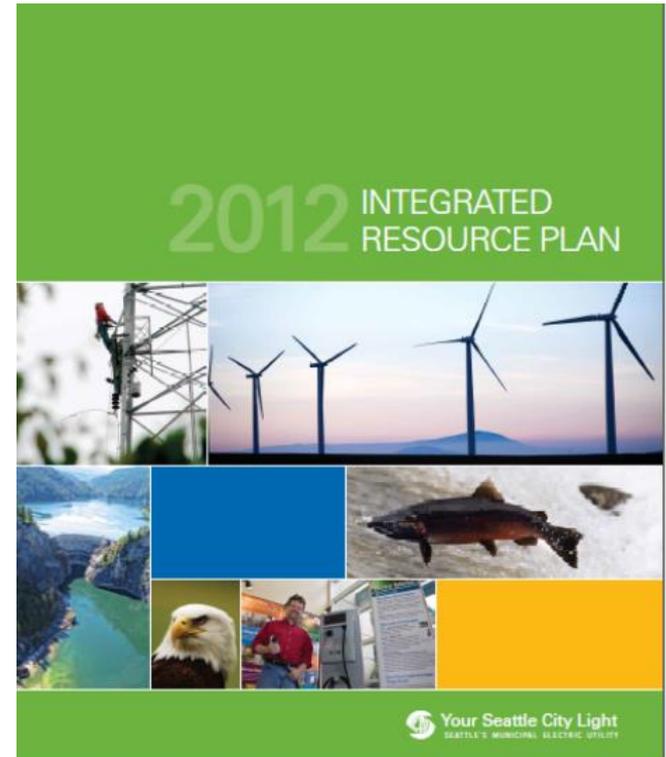
SEATTLE CITY COUNCIL

JULY 9, 2014

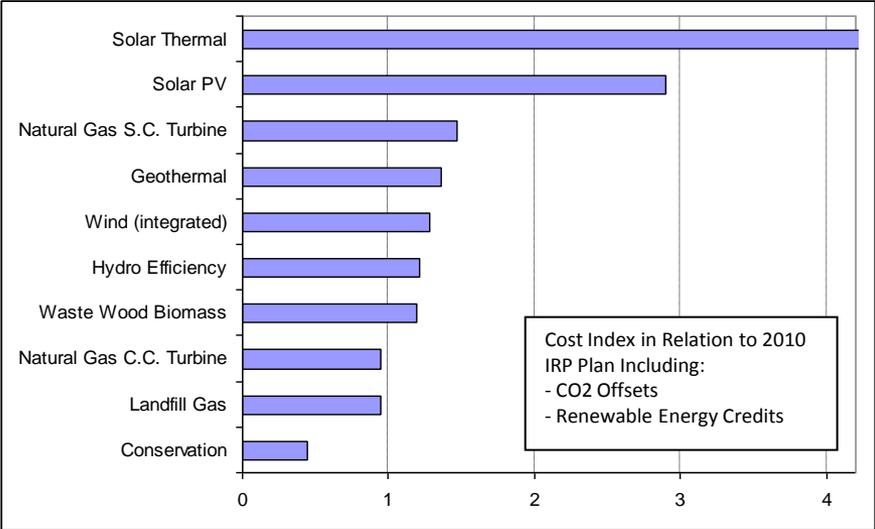
Resource Planning, Forecasting, & Analysis

SEATTLE CITY LIGHT INTEGRATED RESOURCE PLAN (IRP)

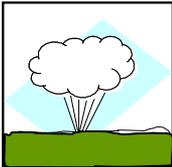
- The IRP is About Three Long-Term Questions:
 - How Much Conservation and Power Resources? When? What Kind?
- IRP Objectives:
 - Adequate Power Supply for Reliability of Service
 - Consistency With City Energy Policies
 - Public Input
 - Meets I-937 and HB1010 regulatory requirements



NEW RESOURCES EVALUATED IN THE 2012 IRP



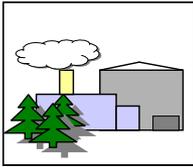
Conservation



Geothermal (Binary)



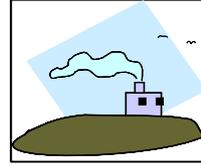
Natural Gas Turbines



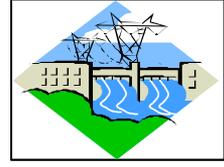
Biomass (Waste Wood)



Wind



Landfill Gas



Efficiencies at Hydro Plants

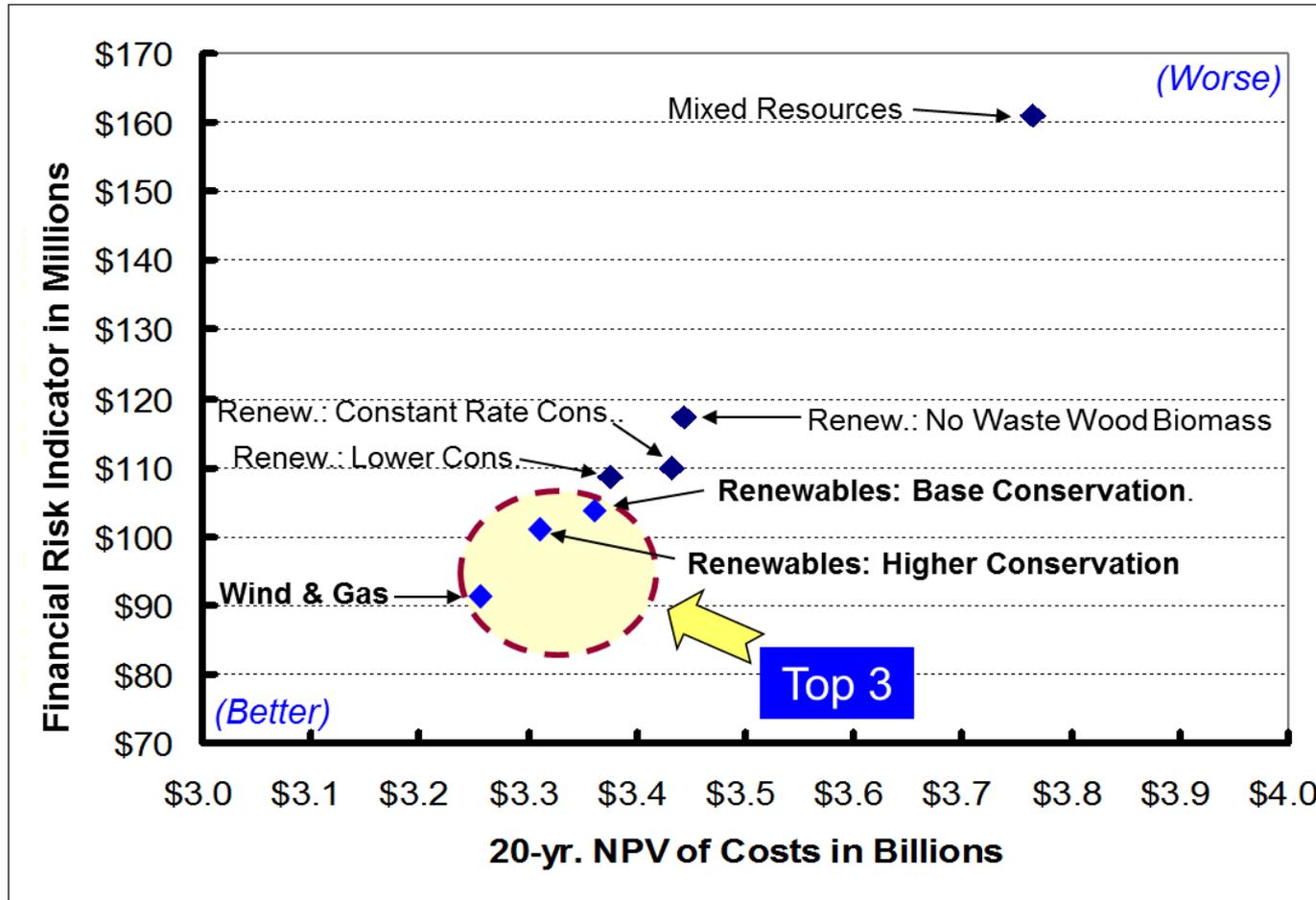


Solar PV



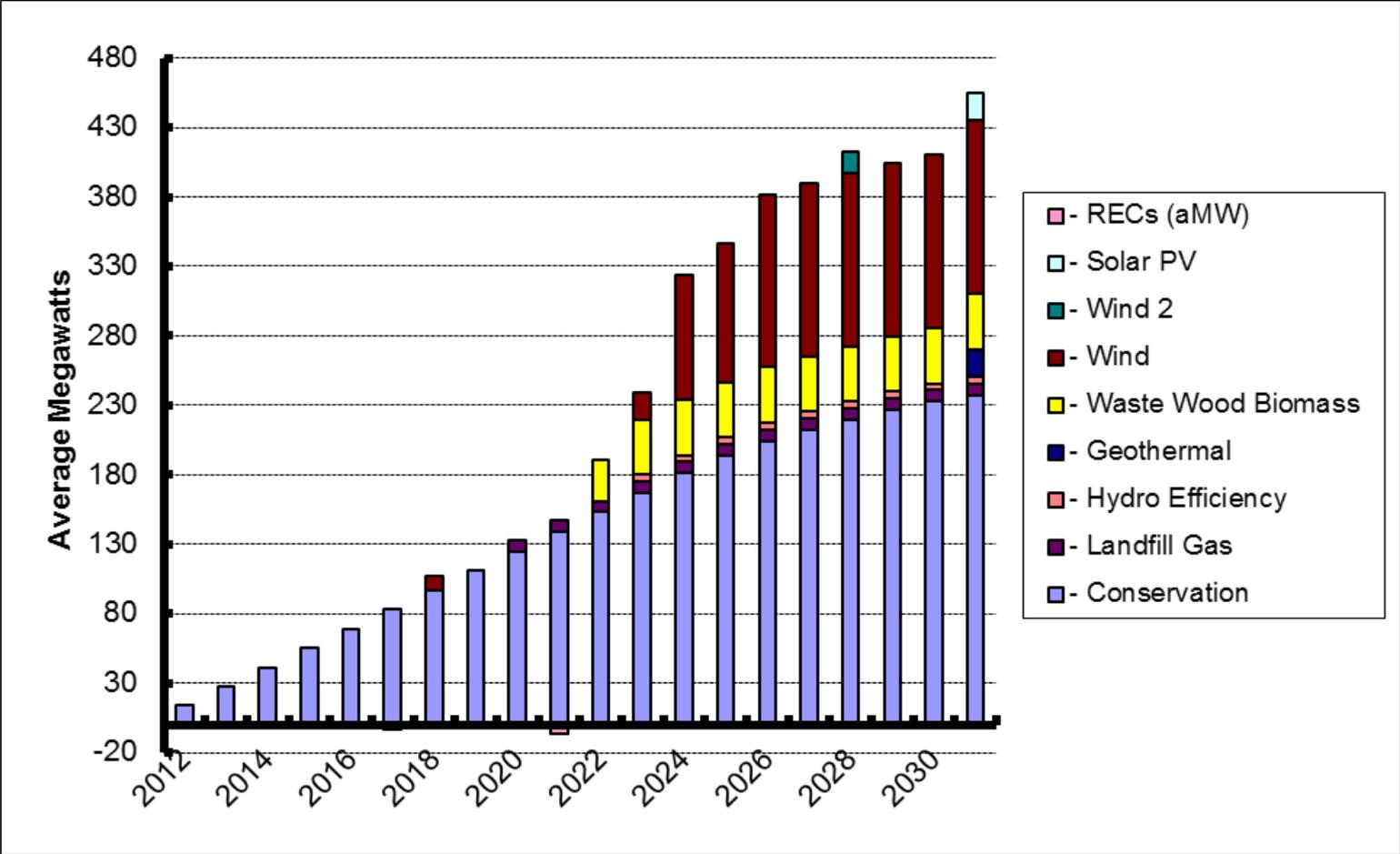
Solar Thermal

RESOURCE PORTFOLIOS COMPARED BY COST AND RISK



Note: The natural gas (only) portfolio was eliminated because of clear inconsistency with Council resolution 30144

2012 IRP PREFERRED PORTFOLIO



QUESTIONS OR COMMENTS?

IRP Website Address:

<http://www.seattle.gov/light/news/issues/irp/>

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