

Summary of Current Utility Practice

Source: Homework Assignment from Workshop 3

Impact Category	Specific Impact	EE			DR			DG		
		Avista	PSE	PAC	Avista	PSE	PAC	Avista	PSE	PAC
Electric Utility System Impacts	Generation: Energy Generation	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
	Generation: Capacity	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Generation: Environmental Compliance	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes
	Generation: RPS/CES Compliance	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
	Generation: Market Price Effects	No	No	No	No	No	No	No	Yes	No
	Generation: Ancillary Services	Yes	No	Yes	Yes	No	Yes	No	No	Yes
	Transmission: Capacity	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
	Transmission: System Losses	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
	Distribution: Capacity	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
	Distribution: System Losses	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
	Distribution: O&M	No	Yes	No	No	No	No	No	No	No
	Distribution: Voltage	Yes	No	No	Yes	No	No	No	No	No
	General: Financial Incentives	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes
	General: Program Administration Costs	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
	General: Utility Performance Incentives	No	No	No	No	No	No	No	Yes	No
	General: DG tariffs	No	No	No	No	No	No	No	Yes	No
	General: Credit and Collection Costs	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
	General: Risk	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes
General: Reliability	Yes	No	No	No	No	No	No	No	No	
General: Resilience	No	No	No	No	No	No	No	No	No	
Gas Utility System	Energy: Gas Commodity	Yes	Yes		No	No				
	Energy: Environmental Compliance	Yes	No		No	No				
	Energy: Market Price Effects	No	No		No	No				
	Transp: Pipeline Capacity	Yes	Yes		Yes	Yes				
	Distribution: Pipeline losses	Yes	Yes		No	No				
	Distribution: Gas distribution	No	Yes		Yes	Yes				
	General: Credit and Collection Costs	No	Yes		No	No				
	General: Financial Incentives	No	Yes		Yes	Yes				
	General: Program Administration Costs	Yes	Yes		No	No				
	General: Utility Performance Incentives	No	Yes		No	No				
	General: Risk	Yes	No		No	No				
	General: Reliability	Yes	No		No	No				
General: Resilience	No	No		No	No					
Societal Impacts	Greenhouse Gas Emissions	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
	Other Environmental Impacts	Yes	Yes	Yes	No	No	No	Yes	No	Yes
	Public Health	Yes (E) No (G)	Yes	Yes	No	No	No	Yes	No	Yes
	Economic Development and Jobs	Yes (E) No (G)	No	Yes	No	No	No	Yes	No	Yes
	Resilience	No	No	Not sure	No	No	Not sure	No	No	Not sure
	Energy Security	No	No	No	No	No	No	No	No	No
Host Customer Impacts	Measure Costs (Host)	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
	Transaction costs (Host)	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes
	Interconnection Fees	No	No	No	No	No	No	Yes	Yes	Yes
	Risk	No	No	No	No	No	No	No	No	No
	Reliability	No	No	No	No	No	No	No	No	No
	Resilience	No	No	No	No	No	No	No	Yes	No
	Other Fuel	No	No	Yes	No	No	Yes	No	No	No
	Tax Incentives	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes
	Non-Energy Impacts (non-low income)	Yes		Yes	No		Yes	No		Yes
	Asset value	Yes	Yes	Yes	No	No	Yes	No	No	Yes
	Productivity	Yes	Yes	Yes	No	No	Yes	No	No	Yes
	Economic well-being	Yes	Yes	Yes	No	No	Yes	No	No	Yes
	Comfort	Yes	Yes	Yes	No	No	Yes	No	No	Yes
	Health & safety	Yes	Yes	Yes	No	No	Yes	No	No	Yes
	Empowerment & control	No	No	No	No	No	No	No	No	No
Satisfaction & pride	No	No	No	No	No	No	No	No	No	
Non-Energy Impacts (Low income)	Yes	Yes		No	No		No	No		

