

TABLE 2: SENSITIVITIES AND SCENARIO DESCRIPTIONS

Sensitivities (System Wide Assumption)	Scenario Description
Additional (NEW) Sensitivities	
A: Price on Carbon	The social cost of carbon is captured in a fee imposed on fossil fuels.
B: Freeze Gas Capacity	No new natural gas generation capacity is added to the regional system.
C: Stepwise Reduction in Natural Gas Generation	Planned retirement of plants throughout the region (e.g. 20% by 2030; 40% by 2040; 60% by 2050)
D: Significant expansion of natural gas capacity	P.A. 15-107 leads to significant expansion of regional natural gas capacity via long-term contracts that lock in increased natural gas generation in the region through 2050
E: High upstream CH ₄ leakage rate	Assess impact of incorporating emissions from production and transport of fracked gas – high end estimates
F: Low upstream CH ₄ leakage rate	Assess impact of incorporating emissions from production and transport of fracked gas – low end estimates