



Order Instituting Investigation into the November) Investigation 19-11-010
2019 Submission of Southern California Gas)
Company's Risk Assessment and Mitigation Phase.)

RISK ASSESSMENT MITGATION PHASE
RISK QUANTIFICATION FRAMEWORK
WORKPAPERS

November 27, 2019

SoCalGas 2019 RAMP Report
Workpaper - Risk Quantification Framework Assumptions

RSE Assumptions

WACC	7.34%
Safety Discount factor	3%
Reliability Discount factor	3%
Financial Discount factor	3%

MAVF assumptions

	Range			Weight
	Single Point	Low Alternative	High Alternative	
Safety Index	30	300	12	60%
Reliability index	1	1	1	20%
Financial Index (\$M)	1000	1000	1000	20%

Reliability Sub attributes index

		Range	Weight
Gas Meter Outages (Core)	# of Meters	75000	25%
Gas Curtailed (per Rule 23)	MMcf	500	25%
Electric Outage Count	SAIFI Outages	1	25%
Electric Outage Duration	SAIDI Minutes	100	25%