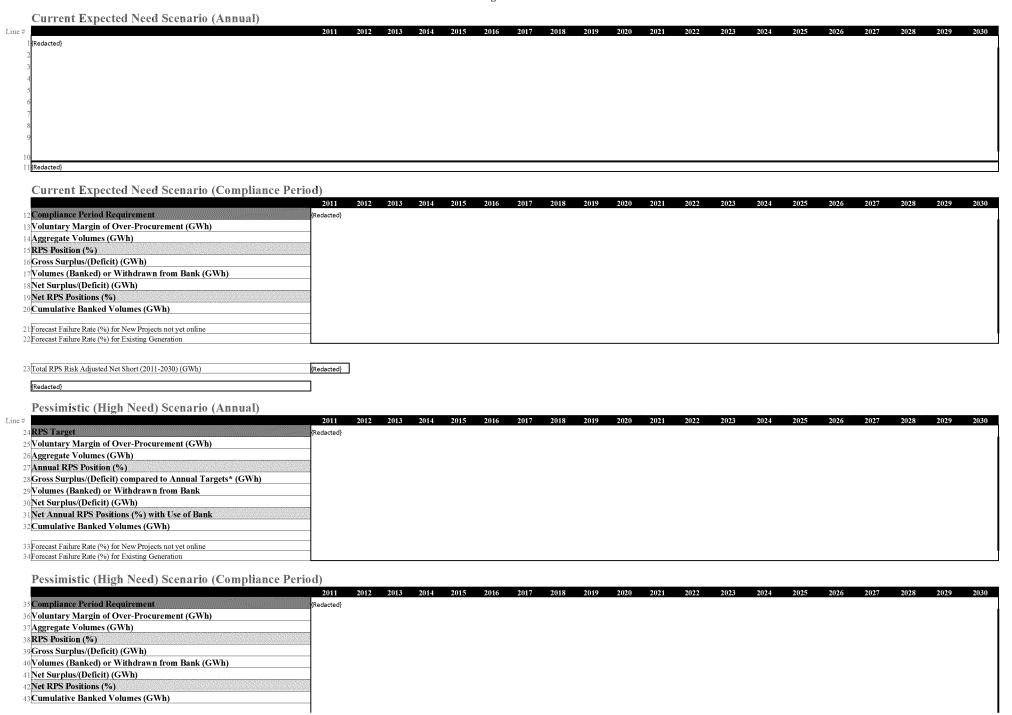
Appendix 1A: Quantitative Information

Net Short Calculations Using PG&E Bundled Retail Sales Forecast



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A	44Forecast Failure Rate (%) for New Projects not yet online		
A	45 Forecast Failure Rate (%) for Existing Generation		
4	46 Total RPS Risk Adjusted Net Short (2011-2030) (GWh)	{Redacted}	
	{Redacted}		
	[nedacted]		
	Optimistic (Low Need) Scenario (Annual)		
ine #		2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029	2030
4	47 RPS Target	Redacted}	
4	48 Voluntary Margin of Over-Procurement (GWh)		
4	49 Aggregate Volumes (GWh)		
	50 Annual RPS Position (%)		
	51 Gross Surplus/(Deficit) compared to Annual Targets* (GWh)		
	52 Volumes (Banked) or Withdrawn from Bank		
	53 Net Surplus/(Deficit) (GWh)		
,	54Net Annual RPS Positions (%) with Use of Bank		
	55Cumulative Banked Volumes (GWh)		
	56Forecast Failure Rate (%) for New Projects not yet online	4	
	57 Forecast Failure Rate (%) for Existing Generation		
	V CONTROL OF THE CASE OF THE C		
	Optimistic (Low Need) Scenario (Compliance Perio	\mathbf{d}	
		2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029	2030
	58 Compliance Period Requirement	(Redacted)	

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
8 Compliance Period Requirement	Redacted}																			
9 Voluntary Margin of Over-Procurement (GWh)																				
(GWh)																				
RPS Position (%)																				
2 Gross Surplus/(Deficit) (GWh)																				
3 Volumes (Banked) or Withdrawn from Bank (GWh)																				
4Net Surplus/(Deficit) (GWh)																				
Net RPS Positions (%)																				
66 Cumulative Banked Volumes (GWh)																				
Forecast Failure Rate (%) for New Projects not yet online																				
8 Forecast Failure Rate (%) for Existing Generation																				

69 Total RPS Risk Adjusted Net Short (2011-2030) (GWh) (Redacted) {Redacted}

(Redacted)

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