

Long Name	Coal Study Benchmark	Retire Cosltrip 3 2022	Retire Cosltrip 4 2022	Retire Craig 1 2022
Case #	C-01	C-02	C-03	C-04
SO Model Base/Base	☑	☑	☑	☑
PaR Base/Base	☑	☑	☑	☑
PaR Low/None	☑	☑	☑	☑
PaR High/High	☑	☑	☑	☑
Cholla 4	RET 2020	RET 2020	RET 2020	RET 2020
Colstrip 3	RET 2046	<b>RET 2022</b>	RET 2046	RET 2046
Colstrip 4	RET 2046	RET 2046	<b>RET 2022</b>	RET 2046
Craig 1	RET 2025	RET 2025	RET 2025	<b>RET 2022</b>
Craig 2	RET 2034	RET 2034	RET 2034	RET 2034
Dave Johnston 1	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 2	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 3	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 4	RET 2027	RET 2027	RET 2027	RET 2027
Hayden 1	RET 2030	RET 2030	RET 2030	RET 2030
Hayden 2	RET 2030	RET 2030	RET 2030	RET 2030
Hunter 1	RET 2042	RET 2042	RET 2042	RET 2042
Hunter 2	RET 2042	RET 2042	RET 2042	RET 2042
Hunter 3	RET 2042	RET 2042	RET 2042	RET 2042
Huntington 1	RET 2036	RET 2036	RET 2036	RET 2036
Huntington 2	RET 2036	RET 2036	RET 2036	RET 2036
Jim Bridger 1	SCR 2022 & RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 2	SCR 2021 & RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 3	RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 4	RET 2037	RET 2037	RET 2037	RET 2037
Naughton 1	RET 2029	RET 2029	RET 2029	RET 2029
Naughton 2	RET 2029	RET 2029	RET 2029	RET 2029
Naughton 3	RET 2019	RET 2019	RET 2019	RET 2019
Wyodak	RET 2039	RET 2039	RET 2039	RET 2039

Long Name	Retire Craig 2 2022	Retire DJ 1 2022	Retire DJ 2 2022	Retire DJ 3 2022
Case #	C-05	C-06	C-07	C-08
SO Model Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Low/None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR High/High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cholla 4	RET 2020	RET 2020	RET 2020	RET 2020
Colstrip 3	RET 2046	RET 2046	RET 2046	RET 2046
Colstrip 4	RET 2046	RET 2046	RET 2046	RET 2046
Craig 1	RET 2025	RET 2025	RET 2025	RET 2025
Craig 2	<b>RET 2022</b>	RET 2034	RET 2034	RET 2034
Dave Johnston 1	RET 2027	<b>RET 2022</b>	RET 2027	RET 2027
Dave Johnston 2	RET 2027	RET 2027	<b>RET 2022</b>	RET 2027
Dave Johnston 3	RET 2027	RET 2027	RET 2027	<b>RET 2022</b>
Dave Johnston 4	RET 2027	RET 2027	RET 2027	RET 2027
Hayden 1	RET 2030	RET 2030	RET 2030	RET 2030
Hayden 2	RET 2030	RET 2030	RET 2030	RET 2030
Hunter 1	RET 2042	RET 2042	RET 2042	RET 2042
Hunter 2	RET 2042	RET 2042	RET 2042	RET 2042
Hunter 3	RET 2042	RET 2042	RET 2042	RET 2042
Huntington 1	RET 2036	RET 2036	RET 2036	RET 2036
Huntington 2	RET 2036	RET 2036	RET 2036	RET 2036
Jim Bridger 1	RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 2	RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 3	RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 4	RET 2037	RET 2037	RET 2037	RET 2037
Naughton 1	RET 2029	RET 2029	RET 2029	RET 2029
Naughton 2	RET 2029	RET 2029	RET 2029	RET 2029
Naughton 3	RET 2019	RET 2019	RET 2019	RET 2019
Wyodak	RET 2039	RET 2039	RET 2039	RET 2039

Long Name	Retire DJ 4 2022	Retire Hayden 1 2022	Retire Hayden 2 2022	Retire Hunter 1 2022
Case #	C-09	C-10	C-11	C-12
SO Model Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Low/None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR High/High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cholla 4	RET 2020	RET 2020	RET 2020	RET 2020
Colstrip 3	RET 2046	RET 2046	RET 2046	RET 2046
Colstrip 4	RET 2046	RET 2046	RET 2046	RET 2046
Craig 1	RET 2025	RET 2025	RET 2025	RET 2025
Craig 2	RET 2034	RET 2034	RET 2034	RET 2034
Dave Johnston 1	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 2	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 3	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 4	<b>RET 2022</b>	RET 2027	RET 2027	RET 2027
Hayden 1	RET 2030	<b>RET 2022</b>	RET 2030	RET 2030
Hayden 2	RET 2030	RET 2030	<b>RET 2022</b>	RET 2030
Hunter 1	RET 2042	RET 2042	RET 2042	<b>RET 2022</b>
Hunter 2	RET 2042	RET 2042	RET 2042	RET 2042
Hunter 3	RET 2042	RET 2042	RET 2042	RET 2042
Huntington 1	RET 2036	RET 2036	RET 2036	RET 2036
Huntington 2	RET 2036	RET 2036	RET 2036	RET 2036
Jim Bridger 1	RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 2	RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 3	RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 4	RET 2037	RET 2037	RET 2037	RET 2037
Naughton 1	RET 2029	RET 2029	RET 2029	RET 2029
Naughton 2	RET 2029	RET 2029	RET 2029	RET 2029
Naughton 3	RET 2019	RET 2019	RET 2019	RET 2019
Wyodak	RET 2039	RET 2039	RET 2039	RET 2039

Long Name	Retire Hunter 2 2022	Retire Hunter 3 2022	Retire Huntington 1 2022	Retire Huntington 2 2022
Case #	C-13	C-14	C-15	C-16
SO Model Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Low/None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR High/High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cholla 4	RET 2020	RET 2020	RET 2020	RET 2020
Colstrip 3	RET 2046	RET 2046	RET 2046	RET 2046
Colstrip 4	RET 2046	RET 2046	RET 2046	RET 2046
Craig 1	RET 2025	RET 2025	RET 2025	RET 2025
Craig 2	RET 2034	RET 2034	RET 2034	RET 2034
Dave Johnston 1	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 2	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 3	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 4	RET 2027	RET 2027	RET 2027	RET 2027
Hayden 1	RET 2030	RET 2030	RET 2030	RET 2030
Hayden 2	RET 2030	RET 2030	RET 2030	RET 2030
Hunter 1	RET 2042	RET 2042	RET 2042	RET 2042
Hunter 2	<b>RET 2022</b>	RET 2042	RET 2042	RET 2042
Hunter 3	RET 2042	<b>RET 2022</b>	RET 2042	RET 2042
Huntington 1	RET 2036	RET 2036	<b>RET 2022</b>	RET 2036
Huntington 2	RET 2036	RET 2036	RET 2036	<b>RET 2022</b>
Jim Bridger 1	RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 2	RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 3	RET 2037	RET 2037	RET 2037	RET 2037
Jim Bridger 4	RET 2037	RET 2037	RET 2037	RET 2037
Naughton 1	RET 2029	RET 2029	RET 2029	RET 2029
Naughton 2	RET 2029	RET 2029	RET 2029	RET 2029
Naughton 3	RET 2019	RET 2019	RET 2019	RET 2019
Wyodak	RET 2039	RET 2039	RET 2039	RET 2039

Long Name	Retire Bridger 1 2022	Retire Bridger 2 2022	Retire Bridger 3 2022	Retire Bridger 4 2022
Case #	C-17	C-18	C-19	C-20
SO Model Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Low/None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR High/High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cholla 4	RET 2020	RET 2020	RET 2020	RET 2020
Colstrip 3	RET 2046	RET 2046	RET 2046	RET 2046
Colstrip 4	RET 2046	RET 2046	RET 2046	RET 2046
Craig 1	RET 2025	RET 2025	RET 2025	RET 2025
Craig 2	RET 2034	RET 2034	RET 2034	RET 2034
Dave Johnston 1	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 2	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 3	RET 2027	RET 2027	RET 2027	RET 2027
Dave Johnston 4	RET 2027	RET 2027	RET 2027	RET 2027
Hayden 1	RET 2030	RET 2030	RET 2030	RET 2030
Hayden 2	RET 2030	RET 2030	RET 2030	RET 2030
Hunter 1	RET 2042	RET 2042	RET 2042	RET 2042
Hunter 2	RET 2042	RET 2042	RET 2042	RET 2042
Hunter 3	RET 2042	RET 2042	RET 2042	RET 2042
Huntington 1	RET 2036	RET 2036	RET 2036	RET 2036
Huntington 2	RET 2036	RET 2036	RET 2036	RET 2036
Jim Bridger 1	<b>RET 2022</b>	RET 2037	RET 2037	RET 2037
Jim Bridger 2	RET 2037	<b>RET 2022</b>	RET 2037	RET 2037
Jim Bridger 3	RET 2037	RET 2037	<b>RET 2022</b>	RET 2037
Jim Bridger 4	RET 2037	RET 2037	RET 2037	<b>RET 2022</b>
Naughton 1	RET 2029	RET 2029	RET 2029	RET 2029
Naughton 2	RET 2029	RET 2029	RET 2029	RET 2029
Naughton 3	RET 2019	RET 2019	RET 2019	RET 2019
Wyodak	RET 2039	RET 2039	RET 2039	RET 2039

Long Name	Retire Naughton 1 2022	Retire Naughton 2 2022	Retire Wyodak 2022	Retire 1 Unit 2025
Case #	C-21	C-22	C-23	C-24
SO Model Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Low/None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR High/High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cholla 4	RET 2020	RET 2020	RET 2020	Unit with the <u>highest</u> 2022 retirement benefit/cost ratio is assumed to retire in 2025
Colstrip 3	RET 2046	RET 2046	RET 2046	
Colstrip 4	RET 2046	RET 2046	RET 2046	
Craig 1	RET 2025	RET 2025	RET 2025	
Craig 2	RET 2034	RET 2034	RET 2034	
Dave Johnston 1	RET 2027	RET 2027	RET 2027	
Dave Johnston 2	RET 2027	RET 2027	RET 2027	
Dave Johnston 3	RET 2027	RET 2027	RET 2027	
Dave Johnston 4	RET 2027	RET 2027	RET 2027	
Hayden 1	RET 2030	RET 2030	RET 2030	
Hayden 2	RET 2030	RET 2030	RET 2030	
Hunter 1	RET 2042	RET 2042	RET 2042	
Hunter 2	RET 2042	RET 2042	RET 2042	
Hunter 3	RET 2042	RET 2042	RET 2042	
Huntington 1	RET 2036	RET 2036	RET 2036	
Huntington 2	RET 2036	RET 2036	RET 2036	
Jim Bridger 1	RET 2037	RET 2037	RET 2037	
Jim Bridger 2	RET 2037	RET 2037	RET 2037	
Jim Bridger 3	RET 2037	RET 2037	RET 2037	
Jim Bridger 4	RET 2037	RET 2037	RET 2037	
Naughton 1	<b>RET 2022</b>	RET 2029	RET 2029	
Naughton 2	RET 2029	<b>RET 2022</b>	RET 2029	
Naughton 3	RET 2019	RET 2019	RET 2019	
Wyodak	RET 2039	RET 2039	<b>RET 2022</b>	

Long Name	Retire 1 Unit 2028	Retire 1 Unit 2031	Retire a Different Unit 2025	Retire a Different Unit 2028
Case #	C-25	C-26	C-27	C-28
SO Model Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Low/None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR High/High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cholla 4	Unit with the <u>highest</u> 2022 retirement benefit/cost ratio is assumed to retire in 2028	Unit with the <u>highest</u> 2022 retirement benefit/cost ratio is assumed to retire in 2031	Unit with the <u>second highest</u> 2022 retirement benefit/cost ratio is assumed to retire in 2025	Unit with the <u>second highest</u> 2022 retirement benefit/cost ratio is assumed to retire in 2028
Colstrip 3				
Colstrip 4				
Craig 1				
Craig 2				
Dave Johnston 1				
Dave Johnston 2				
Dave Johnston 3				
Dave Johnston 4				
Hayden 1				
Hayden 2				
Hunter 1				
Hunter 2				
Hunter 3				
Huntington 1				
Huntington 2				
Jim Bridger 1				
Jim Bridger 2				
Jim Bridger 3				
Jim Bridger 4				
Naughton 1				
Naughton 2				
Naughton 3				
Wyodak				

Long Name	Retire a Different Unit 2031	Retire Two Units	Other
Case #	C-29	C-30	C-XX
SO Model Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Pending stakeholder feedback and review of initial results.
PaR Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PaR Low/None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PaR High/High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Cholla 4	Unit with the <u>second highest</u> 2022 retirement benefit/cost ratio is assumed to retire in 2031	Two units with <u>highest and second highest</u> early retirement benefit/cost ratio are assumed to retire in the year where those unit-by-unit benefit cost ratio is highest (either 2022, 2025, 2028, or 2031), recognizing that the year can differ between the two units.	Pending stakeholder feedback and review of initial results.
Colstrip 3			
Colstrip 4			
Craig 1			
Craig 2			
Dave Johnston 1			
Dave Johnston 2			
Dave Johnston 3			
Dave Johnston 4			
Hayden 1			
Hayden 2			
Hunter 1			
Hunter 2			
Hunter 3			
Huntington 1			
Huntington 2			
Jim Bridger 1			
Jim Bridger 2			
Jim Bridger 3			
Jim Bridger 4			
Naughton 1			
Naughton 2			
Naughton 3			
Wyodak			



Long Name	Reginal Haze Reference	Regional Haze Intertemporal	Naughton 3 Small GC	Naughton 3 Large GC	Economic Retirement 1
Case #	P-01	P-02	P-03	P-04	P-05
SO Model Market Price	Base	Base	Base	Base	Base
SO Model CO2 Price	Base	Base	Base	Base	Base
PaR Base/Base	☑	☑	☑	☑	☑
PaR Low/None	☑	☑	☑	☑	☑
PaR High/High	☑	☑	☑	☑	☑
FOTs	Base	Base	Base	Base	Base
Transmission	Base	Base	Base	Base	Base
Energy Efficiency	Base	Base	Base	Base	Base
Cholla 4	RET 2025	<b>RET 2020</b>	<b>RET 2020</b>	<b>RET 2020</b>	
Colstrip 3	RET 2046	RET 2046	RET 2046	RET 2046	
Colstrip 4	RET 2046	RET 2046	RET 2046	RET 2046	
Craig 1	RET 2025	RET 2025	RET 2025	RET 2025	
Craig 2	RET 2034	RET 2034	RET 2034	RET 2034	
Dave Johnston 1	RET 2027	RET 2027	RET 2027	RET 2027	
Dave Johnston 2	RET 2027	RET 2027	RET 2027	RET 2027	
Dave Johnston 3	RET 2027	RET 2027	RET 2027	RET 2027	
Dave Johnston 4	RET 2027	RET 2027	RET 2027	RET 2027	
Hayden 1	RET 2030	RET 2030	RET 2030	RET 2030	
Hayden 2	RET 2030	RET 2030	RET 2030	RET 2030	
Hunter 1	SCR 2022 & RET 2042	<b>RET 2042</b>	<b>RET 2042</b>	<b>RET 2042</b>	
Hunter 2	SCR 2023 & RET 2042	<b>RET 2042</b>	<b>RET 2042</b>	<b>RET 2042</b>	
Hunter 3	RET 2042	RET 2042	RET 2042	RET 2042	
Huntington 1	SCR 2022 & RET 2036	<b>RET 2036</b>	<b>RET 2036</b>	<b>RET 2036</b>	
Huntington 2	SCR 2023 & RET 2036	<b>RET 2036</b>	<b>RET 2036</b>	<b>RET 2036</b>	
Jim Bridger 1	SCR 2022 & RET 2037	<b>RET 2028</b>	<b>RET 2028</b>	<b>RET 2028</b>	
Jim Bridger 2	SCR 2021 & RET 2037	<b>RET 2032</b>	<b>RET 2032</b>	<b>RET 2032</b>	
Jim Bridger 3	RET 2037	RET 2037	RET 2037	RET 2037	
Jim Bridger 4	RET 2037	RET 2037	RET 2037	RET 2037	
Naughton 1	RET 2029	RET 2029	RET 2029	RET 2029	
Naughton 2	RET 2029	RET 2029	RET 2029	RET 2029	
Naughton 3	RET 2019	RET 2019	<b>Small GC 2019 &amp; RET 2029</b>	<b>Large GC 2019 &amp; RET 2029</b>	
Wyodak	SCR 2024 & RET 2039	<b>RET 2039</b>	<b>RET 2039</b>	<b>RET 2039</b>	

Apply changes consistent with the coal study portfolio with lowest PVRR to either P-01, P-02, P-03, or P-04, based on which of these four portfolios has the lowest system PVRR.

Long Name	Cholla 4 Retirement 2025	Economic Retirement 2	Bridger 1&2 SCR	Economic Retirement 3	Clstrip 3-4 Early Retirement
Case #	P-06	P-07	P-08	P-09	P-10
SO Model Market Price	Base	Base	Base	Base	Base
SO Model CO2 Price	Base	Base	Base	Base	Base
PaR Base/Base	☑	☑	☑	☑	☑
PaR Low/None	☑	☑	☑	☑	☑
PaR High/High	☑	☑	☑	☑	☑
FOTs	Base	Base	Base	Base	Base
Transmission	Base	Base	Base	Base	Base
Energy Efficiency	Base	Base	Base	Base	Base
Cholla 4	<b>RET 2025</b>	Apply changes consistent with the coal study portfolio with lowest PVRR to P-06.	<b>Lowest P-02-P-04, P-06-P-07</b>	Apply changes consistent with the coal study portfolio with lowest PVRR to P-08.	<b>P-08</b>
Colstrip 3	RET 2046		RET 2046		<b>RET 2027</b>
Colstrip 4	RET 2046		RET 2046		<b>RET 2027</b>
Craig 1	RET 2025		RET 2025		RET 2025
Craig 2	RET 2034		RET 2034		RET 2034
Dave Johnston 1	RET 2027		RET 2027		RET 2027
Dave Johnston 2	RET 2027		RET 2027		RET 2027
Dave Johnston 3	RET 2027		RET 2027		RET 2027
Dave Johnston 4	RET 2027		RET 2027		RET 2027
Hayden 1	RET 2030		RET 2030		RET 2030
Hayden 2	RET 2030		RET 2030		RET 2030
Hunter 1	<b>RET 2042</b>		<b>RET 2042</b>		<b>RET 2042</b>
Hunter 2	<b>RET 2042</b>		<b>RET 2042</b>		<b>RET 2042</b>
Hunter 3	RET 2042		RET 2042		RET 2042
Huntington 1	<b>RET 2036</b>		<b>RET 2036</b>		<b>RET 2036</b>
Huntington 2	<b>RET 2036</b>		<b>RET 2036</b>		<b>RET 2036</b>
Jim Bridger 1	<b>RET 2028</b>		<b>SCR 2022 &amp; RET 2037</b>		<b>Lowest P-02-P06, P-08-P-09</b>
Jim Bridger 2	<b>RET 2032</b>		<b>SCR 2021 &amp; RET 2037</b>		<b>Lowest P-02-P06, P-08-P-09</b>
Jim Bridger 3	RET 2037		RET 2037		RET 2037
Jim Bridger 4	RET 2037		RET 2037		RET 2037
Naughton 1	RET 2029	RET 2029	RET 2029		
Naughton 2	RET 2029	RET 2029	RET 2029		
Naughton 3	<b>Lowest of P-02, P-03, P-04</b>	<b>Lowest P-06 or P-07</b>	<b>P-08</b>		
Wyodak	<b>RET 2039</b>	<b>RET 2039</b>	<b>RET 2039</b>		

Long Name	Economic Retirement 3	Retire All Coal by 2030	No CO2	High CO2	Social Cost of Carbon
Case #	P-11	P-12	P-13	P-14	P-15
SO Model Market Price	Base	Base	Base	Base	Base
SO Model CO2 Price	Base	Base	None	High	SCC
PaR Base/Base	☑	☑	☑	☑	☑
PaR Low/None	☑	☑	☑	☑	☑
PaR High/High	☑	☑	☑	☑	☑
FOTs	Base	Base	Base	Base	Base
Transmission	Base	Base	Base	Base	Base
Energy Efficiency	Base	Base	Base	Base	Base
Cholla 4	Apply changes consistent with the coal study portfolio with lowest PVRR to P-10.	Apply changes to the lowest system PVRR portfolio among P-01 through P-11, stage any incremental early retirements required to eliminate coal from the portfolio based on coal study results (those with the lowest early retirement benefit/cost ratios assumed to be retired last).	Adopt assumptions from portfolio with lowest system PVRR among P-01 through P-12.	Adopt assumptions from portfolio with lowest system PVRR among P-01 through P-12.	Adopt assumptions from portfolio with lowest system PVRR among P-01 through P-12.
Colstrip 3					
Colstrip 4					
Craig 1					
Craig 2					
Dave Johnston 1					
Dave Johnston 2					
Dave Johnston 3					
Dave Johnston 4					
Hayden 1					
Hayden 2					
Hunter 1					
Hunter 2					
Hunter 3					
Huntington 1					
Huntington 2					
Jim Bridger 1					
Jim Bridger 2					
Jim Bridger 3					
Jim Bridger 4					
Naughton 1					
Naughton 2					
Naughton 3					
Wyodak					

Long Name	Low Gas	High Gas	Limited FOTs	Energy Gateway 1	Energy Gateway 2
Case #	P-16	P-17	P-18	P-19	P-20
SO Model Market Price	<b>Low</b>	<b>High</b>	Base	Base	Base
SO Model CO2 Price	Base	Base	Base	Base	Base
PaR Base/Base	☑	☑	☑	☑	☑
PaR Low/None	☑	☑	☑	☑	☑
PaR High/High	☑	☑	☑	☑	☑
FOTs	Base	Base	<b>Restricted</b>	Base	Base
Transmission	Base	Base	Base	<b>+Sub-seg. D.1 and D.3</b>	<b>+Seg. F</b>
Energy Efficiency	Base	Base	Base	Base	Base
Cholla 4	Adopt assumptions from portfolio with lowest system PVRR among P-01 through P-12.	Adopt assumptions from portfolio with lowest system PVRR among P-01 through P-12.	Adopt assumptions from portfolio with lowest system PVRR among P-01 through P-12.	Adopt assumptions from portfolio with lowest system PVRR among P-01 through P-12.	Adopt assumptions from portfolio with lowest system PVRR among P-01 through P-12.
Colstrip 3					
Colstrip 4					
Craig 1					
Craig 2					
Dave Johnston 1					
Dave Johnston 2					
Dave Johnston 3					
Dave Johnston 4					
Hayden 1					
Hayden 2					
Hunter 1					
Hunter 2					
Hunter 3					
Huntington 1					
Huntington 2					
Jim Bridger 1					
Jim Bridger 2					
Jim Bridger 3					
Jim Bridger 4					
Naughton 1					
Naughton 2					
Naughton 3					
Wyodak					

Long Name	Energy Gateway 3	Energy Gateway 4	Bundle EE by Capacity	Other
Case #	P-21	P-22	P-23	P-XX
SO Model Market Price	Base	Base	Base	Pending stakeholder feedback and review of initial results P-01 through P-20.
SO Model CO2 Price	Base	Base	Base	
PaR Base/Base	☑	☑	☑	
PaR Low/None	☑	☑	☑	
PaR High/High	☑	☑	☑	
FOTs	Base	Base	Base	
Transmission	<b>+Sub-seg. D.1, D.2, &amp; Seg. F</b>	<b>+Sub-seg. D.3 &amp; Seg. E &amp; H</b>	Base	
Energy Efficiency	Base	Base	<b>Capacity Bundling</b>	
Cholla 4	Adopt assumptions from portfolio with lowest system PVRR among P-01 through P-12.	Adopt assumptions from portfolio with lowest system PVRR among P-01 through P-12.	Adopt assumptions from portfolio with lowest system PVRR among P-01 through P-12.	Pending stakeholder feedback and review of initial results P-01 through P-20.
Colstrip 3				
Colstrip 4				
Craig 1				
Craig 2				
Dave Johnston 1				
Dave Johnston 2				
Dave Johnston 3				
Dave Johnston 4				
Hayden 1				
Hayden 2				
Hunter 1				
Hunter 2				
Hunter 3				
Huntington 1				
Huntington 2				
Jim Bridger 1				
Jim Bridger 2				
Jim Bridger 3				
Jim Bridger 4				
Naughton 1				
Naughton 2				
Naughton 3				
Wyodak				

Long Name	Low Load	High Load	1 in 20 Load	Low Private Generation	High Private Generation
Case #	S-01	S-02	S-03	S-04	S-05
SO Model Market Price	Base	Base	Base	Base	Base
SO Model CO2 Price	Base	Base	Base	Base	Base
PaR Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR Low/None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PaR High/High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Load Forecast	<b>Low</b>	<b>High</b>	<b>1 in 20</b>	Base	Base
Private Generation	Base	Base	Base	<b>Low</b>	<b>High</b>
Resources	Optimized	Optimized	Optimized	Optimized	Optimized
Control Area	System	System	System	System	System
Customer Preference	Base	Base	Base	Base	Base
QF Capacity	Base	Base	Base	Base	Base
Cholla 4	Adopt assumptions from portfolio with lowest system PVRR.	Adopt assumptions from portfolio with lowest system PVRR.	Adopt assumptions from portfolio with lowest system PVRR.	Adopt assumptions from portfolio with lowest system PVRR.	Adopt assumptions from portfolio with lowest system PVRR.
Colstrip 3					
Colstrip 4					
Craig 1					
Craig 2					
Dave Johnston 1					
Dave Johnston 2					
Dave Johnston 3					
Dave Johnston 4					
Hayden 1					
Hayden 2					
Hunter 1					
Hunter 2					
Hunter 3					
Huntington 1					
Huntington 2					
Jim Bridger 1					
Jim Bridger 2					
Jim Bridger 3					
Jim Bridger 4					
Naughton 1					
Naughton 2					
Naughton 3					
Wyodak					

Long Name	Business Plan	West Control Area	Customer Preference 1	Customer Preference 2	Other
Case #	S-06	S-07	S-08	S-09	S-XX
SO Model Market Price	Base	Base	Base	Base	Pending stakeholder feedback and review of initial portfolio results.
SO Model CO2 Price	Base	Base	Base	Base	
PaR Base/Base	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PaR Low/None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PaR High/High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Load Forecast	Base	Base	Base	Base	
Private Generation	Base	Base	Base	Base	
Resources	<b>Align First Three Years</b>	Optimized	Optimized	Optimized	
Control Area	System	<b>WCA</b>	System	System	
Customer Preference	Base	Base	<b>No Targeted Renewables</b>	<b>Include All Goals</b>	
QF Capacity	Base	Base	Base	Base	
<b>Separator</b>					
Cholla 4	Adopt assumptions from portfolio with lowest system PVRR.	Adopt assumptions from portfolio with lowest system PVRR.	Adopt assumptions from portfolio with lowest system PVRR.	Adopt assumptions from portfolio with lowest system PVRR.	Adopt assumptions from portfolio with lowest system PVRR.
Colstrip 3					
Colstrip 4					
Craig 1					
Craig 2					
Dave Johnston 1					
Dave Johnston 2					
Dave Johnston 3					
Dave Johnston 4					
Hayden 1					
Hayden 2					
Hunter 1					
Hunter 2					
Hunter 3					
Huntington 1					
Huntington 2					
Jim Bridger 1					
Jim Bridger 2					
Jim Bridger 3					
Jim Bridger 4					
Naughton 1					
Naughton 2					
Naughton 3					
Wyodak					