Base Portfolio - ARS												
Year	18 MW Rice Dual Fueled Western 30 Year	18 MW Rice Dual Fueled Eastern 30 Year	DGGS Buildout 3-19.4 MW Rice NG 30 Year	9 MW Rice NG Western 30 Year	9 MW Rice NG Eastern 30 Year	25 MW Aero LM2500 Western 30 Year	105 MW Solar 20 Year	105 MW Wind Eastern 25 Year	105 MW Wind Western 25 Year	100 MW Pumped Hydro 30 Year	26.3 MW Li-ion Battery 20 Year	Total Facilities
2019												0
2020												0
2021												0
2022		6	1	3								10
2023		10		1								11
2024		8		5								13
2025		11		1								12
2026		2			1							3
2027				1								1
2028				1								1
2029					1							1
2030	1	2										3
2031					1							1
2032				1								1
2033					1							1
2034												0
2035					1							1
2036					1							1
2037		1										1
2038					2							2

Unconstrained Portfolio

Year	18 MW Rice Dual Fueled Western 30 Year	18 MW Rice Dual Fueled Eastern 30 Year	DGGS Buildout 3-19.4 MW Rice NG 30 Year	9 MW Rice NG Western 30 Year	9 MW Rice NG Eastern 30 Year	25 MW Aero LM2500 Western 30 Year	105 MW Solar 20 Year	105 MW Wind Eastern 25 Year	105 MW Wind Western 25 Year	100 MW Pumped Hydro 30 Year	26.3 MW Li-ion Battery 20 Year	Total Facilities
2019												0
2020												0
2021												0
2022	5		1	4		21						31
2023												0
2024				2								2
2025												0
2026		2			1							3
2027												0
2028					2							2
2029					1							1
2030		2			2							4
2031					1							1
2032					1							1
2033												0
2034					1							1
2035					1							1
2036					1							1
2037					2							2
2038					1							1

Pumped Hydro Portfolio

Year	18 MW Rice Dual Fueled Western 30 Year	18 MW Rice Dual Fueled Eastern 30 Year	DGGS Buildout 3-19.4 MW Rice NG 30 Year	9 MW Rice NG Western 30 Year	9 MW Rice NG Eastern 30 Year	25 MW Aero LM2500 Western 30 Year	105 MW Solar 20 Year	105 MW Wind Eastern 25 Year	105 MW Wind Western 25 Year	100 MW Pumped Hydro 30 Year	26.3 MW Li-ion Battery 20 Year	Total Facilities
2019												0
2020												0
2021												0
2022		7	1						2			10
2023		11										11
2024		5								1		6
2025		11										11
2026		3										3
2027												0
2028		1										1
2029		1										1
2030		2										2
2031		1										1
2032		1										1
2033												0
2034												0
2035		1										1
2036												0
2037		1										1
2038		1										1

Carbon Cost Portfolio

Year	18 MW Rice Dual Fueled Western 30 Year	18 MW Rice Dual Fueled Eastern 30 Year	DGGS Buildout 3-19.4 MW Rice NG 30 Year	9 MW Rice NG Western 30 Year	9 MW Rice NG Eastern 30 Year	25 MW Aero LM2500 Western 30 Year	105 MW Solar 20 Year	105 MW Wind Eastern 25 Year	105 MW Wind Western 25 Year	100 MW Pumped Hydro 30 Year	26.3 MW Li-ion Battery 20 Year	Total Facilities
2019												0
2020												0
2021												0
2022	1	6	1	1								9
2023		10		1								11
2024		7		7								14
2025		11		1								12
2026		1			3							4
2027					1							1
2028					1							1
2029					1							1
2030		3										3
2031					1							1
2032					1							1
2033												0
2034					1							1
2035				1								1
2036					1							1
2037					2							2
2038				1								1

High Carbon Cost Portfolio

Year	18 MW Rice Dual Fueled Western 30 Year	18 MW Rice Dual Fueled Eastern 30 Year	DGGS Buildout 3-19.4 MW Rice NG 30 Year	9 MW Rice NG Western 30 Year	9 MW Rice NG Eastern 30 Year	25 MW Aero LM2500 Western 30 Year	105 MW Solar 20 Year	105 MW Wind Eastern 25 Year	105 MW Wind Western 25 Year	100 MW Pumped Hydro 30 Year	26.3 MW Li-ion Battery 20 Year	Total Facilities
2019												0
2020												0
2021												0
2022		7	1	1								9
2023		10		1								11
2024		8		5								13
2025		11		1								12
2026		1		3								4
2027									1			1
2028		1										1
2029				1								1
2030	1	2										3
2031					1							1
2032					1							1
2033												0
2034				1								1
2035					1							1
2036				1								1
2037	1								2			3
2038				1					1			2

High Natural Gas Portfolio

Year	18 MW Rice Dual Fueled Western 30 Year	18 MW Rice Dual Fueled Eastern 30 Year	DGGS Buildout 3-19.4 MW Rice NG 30 Year	9 MW Rice NG Western 30 Year	9 MW Rice NG Eastern 30 Year	25 MW Aero LM2500 Western 30 Year	105 MW Solar 20 Year	105 MW Wind Eastern 25 Year	105 MW Wind Western 25 Year	100 MW Pumped Hydro 30 Year	26.3 MW Li-ion Battery 20 Year	Total Facilities
2019												0
2020												0
2021												0
2022		7	1	1								9
2023		10		1								11
2024		7		7								14
2025		11		1								12
2026		2			1							3
2027					1							1
2028					1							1
2029					1							1
2030		3										3
2031					1							1
2032					1							1
2033					1							1
2034												0
2035					1							1
2036					1							1
2037					2							2
2038		1										1

Wind Portfolio

Year	18 MW Rice Dual Fueled Western 30 Year	18 MW Rice Dual Fueled Eastern 30 Year	DGGS Buildout 3-19.4 MW Rice NG 30 Year	9 MW Rice NG Western 30 Year	9 MW Rice NG Eastern 30 Year	25 MW Aero LM2500 Western 30 Year	105 MW Solar 20 Year	105 MW Wind Eastern 25 Year	105 MW Wind Western 25 Year	100 MW Pumped Hydro 30 Year	26.3 MW Li-ion Battery 20 Year	Total Facilities
2019												0
2020												0
2021												0
2022		7	1						2			10
2023		11										11
2024		11										11
2025		11										11
2026		3										3
2027												0
2028		1										1
2029												0
2030		3										3
2031		1										1
2032		1										1
2033												0
2034												0
2035		1										1
2036												0
2037		1										1
2038		1										1

Solar Portfolio

Year	18 MW Rice Dual Fueled Western 30 Year	18 MW Rice Dual Fueled Eastern 30 Year	DGGS Buildout 3-19.4 MW Rice NG 30 Year	9 MW Rice NG Western 30 Year	9 MW Rice NG Eastern 30 Year	25 MW Aero LM2500 Western 30 Year	105 MW Solar 20 Year	105 MW Wind Eastern 25 Year	105 MW Wind Western 25 Year	100 MW Pumped Hydro 30 Year	26.3 MW Li-ion Battery 20 Year	Total Facilities
2019												0
2020												0
2021												0
2022		6	1	3			2					12
2023		10			1							11
2024		7		6	1							14
2025	1	10		1								12
2026		2			1							3
2027												0
2028		1										1
2029					1							1
2030		3										3
2031					1							1
2032					1							1
2033					1							1
2034												0
2035					1							1
2036					1							1
2037				1	1				1			3
2038					1							1

Li-ion Portfolio												
Year	18 MW Rice Dual Fueled Western 30 Year	18 MW Rice Dual Fueled Eastern 30 Year	DGGS Buildout 3-19.4 MW Rice NG 30 Year	9 MW Rice NG Western 30 Year	9 MW Rice NG Eastern 30 Year	25 MW Aero LM2500 Western 30 Year	105 MW Solar 20 Year	105 MW Wind Eastern 25 Year	105 MW Wind Western 25 Year	100 MW Pumped Hydro 30 Year	26.3 MW Li-ion Battery 20 Year	Total Facilities
2019												0
2020												0
2021												0
2022		2	1								4	7
2023		10										10
2024		11										11
2025		12										12
2026		2										2
2027												0
2028		1										1
2029		1										1
2030		3										3
2031												0
2032		1										1
2033												0
2034												0
2035		1										1
2036												0
2037		2										2
2038												0

No Carbon Additions

Year	18 MW Rice Dual Fueled Western 30 Year	18 MW Rice Dual Fueled Eastern 30 Year	DGGS Buildout 3-19.4 MW Rice NG 30 Year	9 MW Rice NG Western 30 Year	9 MW Rice NG Eastern 30 Year	25 MW Aero LM2500 Western 30 Year	105 MW Solar 20 Year	105 MW Wind Eastern 25 Year	105 MW Wind Western 25 Year	100 MW Pumped Hydro 30 Year	26.3 MW Li-ion Battery 20 Year	Total Facilities
2019												0
2020												0
2021												0
2022									2		7	9
2023									1		7	8
2024										1	3	4
2025										2		2
2026											2	2
2027												0
2028											1	1
2029												0
2030											2	2
2031												0
2032											1	1
2033												0
2034									2			2
2035									4			4
2036									3			3
2037											1	1
2038									4			4

Short Term Base												
Year	18 MW Rice Dual Fueled Western 30 Year	18 MW Rice Dual Fueled Eastern 30 Year	DGGS Buildout 3-19.4 MW Rice NG 30 Year	9 MW Rice NG Western 30 Year	9 MW Rice NG Eastern 30 Year	25 MW Aero LM2500 Western 30 Year	105 MW Solar 20 Year	105 MW Wind Eastern 25 Year	105 MW Wind Western 25 Year	100 MW Pumped Hydro 30 Year	26.3 MW Li-ion Battery 20 Year	Total Facilities
2019												0
2020												0
2021												0
2022		6	1	3								10
2023		8										8
2024		8										8
2025		11		1								12
2026				4								4
2027				1								1
2028		1										1
2029				1								1
2030		2		2								4
2031												0
2032	1											1
2033												0
2034												0
2035												0
2036												0
2037												0
2038												0