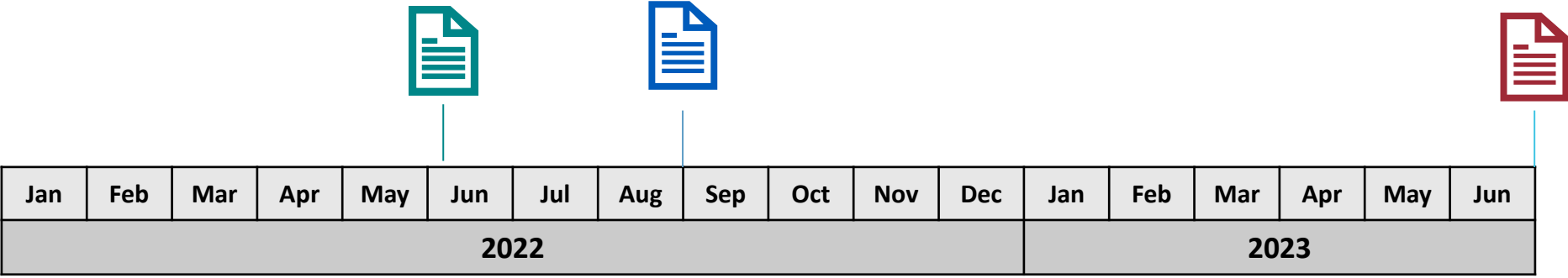


Energy Efficiency & Demand Response Potential Studies



EE Potential Study Timeline



Energy Efficiency Potential Study

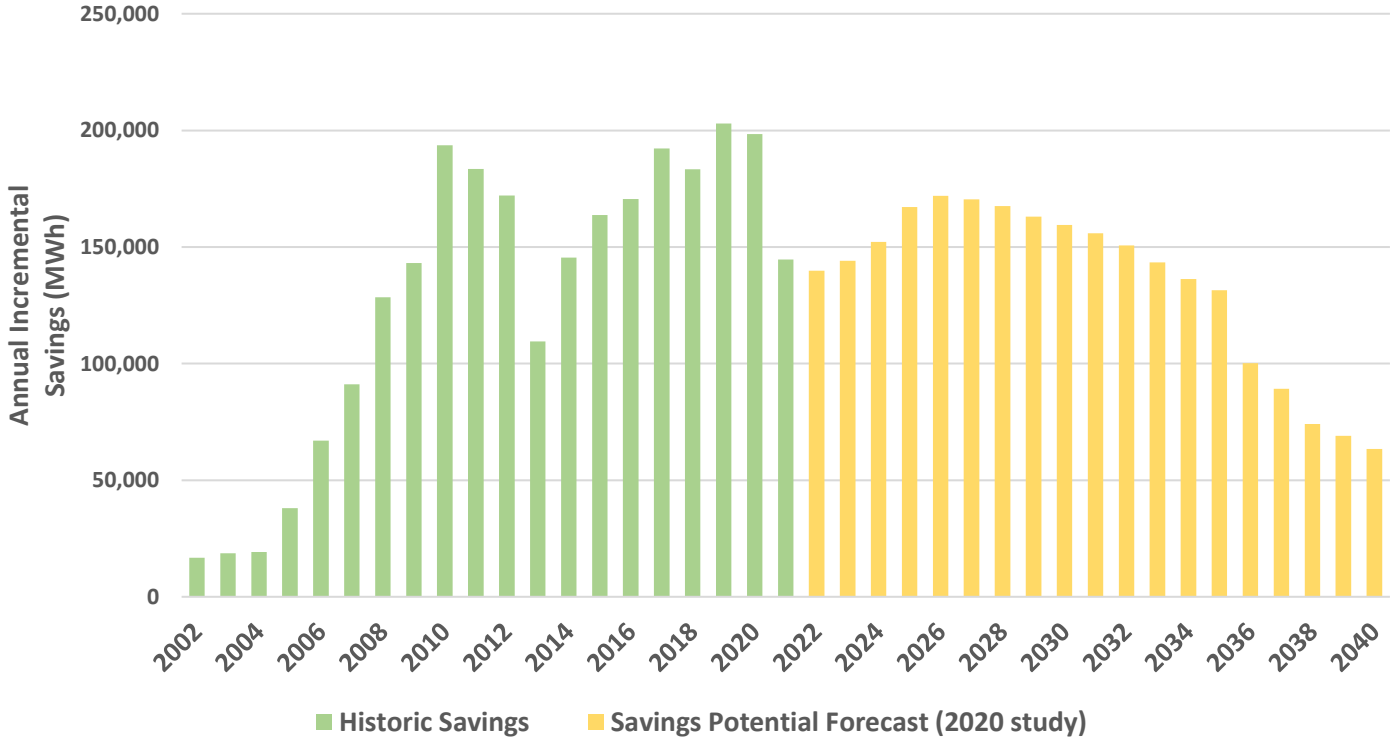
Load Forecasting

IRP Planning

EE Potential Study Purpose



Idaho Power Energy Efficiency Savings



EE Potential Study Purpose



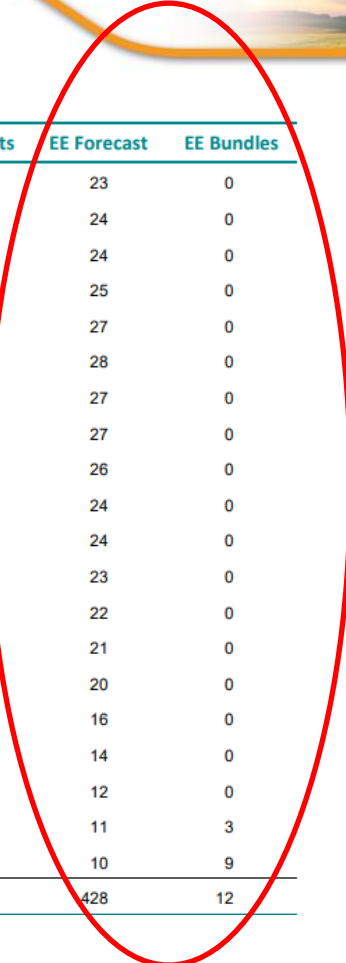
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A VIEW FROM ABOVE



Year	Gas	Wind	Solar	Storage	Trans.	DR	Coal Exits	EE Forecast	EE Bundles
2021	0	0	0	0	0	0	0	23	0
2022	0	0	0	0	0	300	0	24	0
2023	0	0	120	115	0	20	-357	24	0
2024	357	700	0	5	0	0	0	25	0
2025	0	0	300	105	0	20	-308	27	0
2026	0	0	215	0	500	0	0	28	0
2027	0	0	250	5	0	0	0	27	0
2028	0	0	120	55	0	0	-175	27	0
2029	0	0	100	255	0	0	0	26	0
2030	0	0	0	55	0	0	0	24	0
2031	0	0	0	55	0	0	0	24	0
2032	0	0	0	55	0	0	0	23	0
2033	0	0	0	100	0	0	0	22	0
2034	-357	0	100	150	0	0	0	21	0
2035	0	0	100	305	0	0	0	20	0
2036	0	0	0	55	0	0	0	16	0
2037	0	0	0	105	0	0	0	14	0
2038	0	0	100	155	0	20	0	12	0
2039	0	0	0	55	0	20	0	11	3
2040	0	0	0	55	0	20	0	10	9
Subtotal	0	700	1,405	1,685	500	400	-841	428	12



AEG Presentation



Demand Response Potential Study Timeline



Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2022												2023					

DR Potential Study

IRP Planning

Idaho Power's Historical Demand Response Programs

- Irrigation Peak Rewards ~ 315 MW
- Commercial & Industrial Flex Peak ~ 35 MW
- Residential A/C Cool Credit ~ 30 MW



Modified DR Programs

- As part of developing the 2021 Integrated Resource Plan, the Company identified changes in future system needs and operations that required modification to the existing Demand Response programs
- The effectiveness of the Company's existing programs were limited as a result of specific parameters
- The program parameters needed to align with system needs
 - Time of day
 - Season
- The Company's filings to modify DR programs to both IPUC and OPUC were approved



Purpose of DR Potential Study



DECEMBER • 2021



A VIEW FROM ABOVE

IRP
INTEGRATED RESOURCE PLAN

Year	Gas	Wind	Solar	Storage	Trans.	DR	Coal Exits	EE Forecast	EE Bundles
2021	0	0	0	0	0	0	0	23	0
2022	0	0	0	0	0	300	0	24	0
2023	0	0	120	115	0	20	-357	24	0
2024	357	700	0	5	0	0	0	25	0
2025	0	0	300	105	0	20	-308	27	0
2026	0	0	215	0	500	0	0	28	0
2027	0	0	250	5	0	0	0	27	0
2028	0	0	120	55	0	0	-175	27	0
2029	0	0	100	255	0	0	0	26	0
2030	0	0	0	55	0	0	0	24	0
2031	0	0	0	55	0	0	0	24	0
2032	0	0	0	55	0	0	0	23	0
2033	0	0	0	100	0	0	0	22	0
2034	-357	0	100	150	0	0	0	21	0
2035	0	0	100	305	0	0	0	20	0
2036	0	0	0	55	0	0	0	16	0
2037	0	0	0	105	0	0	0	14	0
2038	0	0	100	155	0	20	0	12	0
2039	0	0	0	55	0	20	0	11	3
2040	0	0	0	55	0	20	0	10	9
Subtotal	0	700	1,405	1,685	500	400	-841	428	12

AEG Presentation DR Potential Study

