



IRP

INTEGRATED RESOURCE PLAN

2025

APPENDIX C: Technical Report

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INTRODUCTION

Appendix C—Technical Appendix contains supporting data and explanatory materials used to develop Idaho Power's 2025 *Integrated Resource Plan* (IRP).

The main document, the 2025 IRP Report, contains a full narrative of Idaho Power's resource planning process. Additional information regarding the 2025 IRP sales and load forecast is contained in *Appendix A—Sales and Load Forecast* and details on Idaho Power's demand-side management efforts are explained in *Appendix B—Demand-Side Management 2024 Annual Report*.

For information or questions concerning the resource plan or the resource planning process, contact Idaho Power:

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IRP ADVISORY COUNCIL

Idaho Power has involved representatives of the public in the IRP planning process since the early 1990s. This public forum is known as the IRP Advisory Council (IRPAC). The IRPAC generally meets monthly during the development of the IRP, and the meetings are open to the public. Members of the council include regulatory, political, environmental, and customer representatives, as well as representatives of other public-interest groups.

Idaho Power hosted eight IRPAC meetings for the 2025 IRP, in addition to an in-person meet and greet and an Energy Efficiency Subcommittee meeting. Idaho Power values these opportunities to convene, and the IRPAC members and the public have made significant contributions to this plan.

Involvement from the public improves the IRP, and Idaho Power is grateful to the individuals and groups that participated in the process.

Customer Representatives

| | |
|-----------------------------|---------------------|
| Agricultural Representative | Sid Erwin |
| Boise State University | Brian Emtman |
| Idaho National Laboratory | Kurt Myers |
| KitzWorks, LLC | Kevin Kitz |
| Lactalis USA | Rick Kotze |
| Micron | Jim Swier/Matt Park |
| Obendorf Farms | Brock Obendorf |
| St. Luke's Medical | Stephanie Wicks |

Public-Interest Representatives

| | |
|--|--|
| Boise State University Energy Policy Institute | Kathleen Araujo/Cassie Koerner |
| Blaine County | Andrew Mentzer |
| City of Boise | Steve Burgos/Steve Hubble/Katie O'Neil |
| City of Nampa | Mark Steuer |
| Clean Energy Opportunities for Idaho | Mike Heckler/Courtney White |
| Idaho Conservation League | Brad Heusinkveld/Adrian Gallo |
| Idaho Legislature | Rep. John Shirts |
| Idaho Office of Energy and Mineral Resources | Richard Stover |
| Idaho Water Resource Board | Brian Olmstead |
| National Renewable Energy Laboratory | Wesley Cole |

| | |
|--|-------------------------------|
| Northwest Gas Association | Natasha Jackson/Dan Kirschner |
| Oil and Gas Industry Advisor | David Hawk |
| Oregon State University, Malheur Experiment Station Professor Emeritus | Clint Shock |
| Renewable Northwest | Katie Chamberlain/Kyle Unruh |
| Sierra Club | Lisa Young |
| Sun Valley Institute for Resilience | Herbert Romero |

Regulatory Commission Representatives

| | |
|-------------------------------------|----------------------------|
| Idaho Public Utilities Commission | Mike Louis/Matt Suess |
| Public Utility Commission of Oregon | Kim Herb/Benedikt Springer |

IRPAC Meeting Schedule and Agenda

| Meeting Dates | | Agenda Items |
|---------------|------------------------|---|
| 2024 | Tuesday, August 20 | Introductory Comments Idaho Power Team Introductions Advisory Council Introductions |
| 2024 | Thursday, August 29 | Energy Efficiency Subcommittee Meeting |
| 2024 | Thursday, September 12 | 2023 IRP Review 2025 IRP Overview Future Supply Side Resources Outlook Aurora Modeling Overview |
| 2024 | Thursday, October 10 | EPA Emissions Rule and Carbon Price Forecast Modeling Scenarios CSPP Forecast |
| 2024 | Thursday, November 14 | Natural Gas Price Forecasts Energy and Demand Forecast Energy Efficiency (EE) and Demand Response (DR) Modeling Recommendation |
| 2024 | Thursday, December 12 | Bridger Conversion Modeling Reliability and Capacity Assessment Scenarios and Sensitivities Follow-Up Idaho Power's Hydroelectric System |
| 2025 | Thursday, January 9 | Energy and Demand Forecast Update Resource Procurement and RFP Updates Stochastic Analysis |
| 2025 | Thursday, March 13 | Transmission Update Energy and Demand Forecast Update 2025 IRP Analysis Update |
| 2025 | Thursday, April 17 | Preliminary Modeling Results Portfolio Reliability Analysis |

| Meeting Dates | Agenda Items |
|---------------------------|--|
| 2025 Thursday, May 8 | Qualitative Risk Assessment Stochastic Risk Analysis Draft Preferred Portfolio Scenarios and Sensitivities 2026-2030 IRP Action Plan |

SALES AND LOAD FORECAST DATA

Compound Annual Forecast Growth Rates

| | 2026-2031 | 2026-2036 | 2026-2045 |
|--------------------------|-----------|-----------|-----------|
| Sales¹ | | | |
| Residential Sales | 0.5% | 0.8% | 0.6% |
| Commercial Sales | 1.7% | 1.5% | 1.3% |
| Irrigation Sales | 0.8% | 0.6% | 0.6% |
| Industrial Sales | 0.7% | 0.7% | 0.7% |
| Additional Firm Sales | 31.1% | 15.3% | 7.8% |
| System Sales | 7.3% | 4.2% | 2.4% |
| Total Sales | 7.3% | 4.2% | 2.4% |
| Average Loads | | | |
| Residential Load | 0.5% | 0.8% | 0.6% |
| Commercial Load | 1.7% | 1.5% | 1.3% |
| Irrigation Load | 0.8% | 0.6% | 0.6% |
| Industrial Load | 0.7% | 0.7% | 0.7% |
| Additional Firm Sales | 31.1% | 15.2% | 7.8% |
| System Load Losses | 3.5% | 2.1% | 1.4% |
| System Load | 7.0% | 4.0% | 2.3% |
| Total Load | 7.0% | 4.0% | 2.3% |
| Peaks | | | |
| System Peak | 4.7% | 2.8% | 1.8% |
| Total Peak | 4.7% | 2.8% | 1.8% |
| Winter Peak | 5.5% | 2.9% | 1.6% |
| Summer Peak | 4.7% | 2.8% | 1.8% |
| Customers | | | |
| Residential Customers | 1.7% | 1.6% | 1.3% |
| Commercial Customers | 1.5% | 1.5% | 1.4% |
| Irrigation Customers | 1.1% | 1.1% | 1.0% |
| Industrial Customers | 0.6% | 0.6% | 0.5% |

¹ Beginning in 2025, the 5-year growth rate is 8.3%, and the 20-year growth-rate is 2.7%.

Expected-Case Load Forecast

| 2026 Monthly Summary ¹ | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Average Load (aMW) 50 th Percentile | | | | | | | | | | | | |
| Residential | 871 | 832 | 668 | 576 | 535 | 592 | 796 | 710 | 539 | 567 | 736 | 900 |
| Commercial | 517 | 515 | 467 | 438 | 451 | 486 | 556 | 547 | 488 | 474 | 493 | 519 |
| Irrigation | 4 | 4 | 10 | 124 | 321 | 542 | 665 | 528 | 317 | 65 | 7 | 5 |
| Industrial | 272 | 277 | 273 | 264 | 267 | 277 | 280 | 285 | 283 | 282 | 281 | 276 |
| Additional Firm | 189 | 194 | 214 | 212 | 215 | 232 | 263 | 281 | 289 | 308 | 332 | 358 |
| Loss | 158 | 156 | 141 | 140 | 152 | 177 | 207 | 191 | 158 | 141 | 152 | 166 |
| System Load | 2,012 | 1,977 | 1,772 | 1,752 | 1,942 | 2,306 | 2,767 | 2,542 | 2,073 | 1,837 | 2,002 | 2,224 |
| Light Load | 1,880 | 1,849 | 1,655 | 1,611 | 1,777 | 2,072 | 2,494 | 2,254 | 1,885 | 1,677 | 1,870 | 2,072 |
| Heavy Load | 2,116 | 2,072 | 1,869 | 1,856 | 2,083 | 2,477 | 2,982 | 2,770 | 2,224 | 1,952 | 2,112 | 2,343 |
| Total Load | 2,012 | 1,977 | 1,772 | 1,752 | 1,942 | 2,306 | 2,767 | 2,542 | 2,073 | 1,837 | 2,002 | 2,224 |
| Peak Load (MW) 50 th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 2,540 | 2,425 | 2,224 | 2,013 | 2,606 | 3,933 | 3,934 | 3,538 | 3,181 | 2,216 | 2,472 | 2,584 |
| Total Peak Load | 2,540 | 2,425 | 2,224 | 2,013 | 2,606 | 3,933 | 3,934 | 3,538 | 3,181 | 2,216 | 2,472 | 2,584 |
| 2027 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Average Load (aMW) 50 th Percentile | | | | | | | | | | | | |
| Residential | 881 | 838 | 671 | 574 | 532 | 586 | 790 | 708 | 533 | 557 | 724 | 897 |
| Commercial | 526 | 524 | 475 | 446 | 459 | 494 | 566 | 556 | 496 | 482 | 501 | 527 |
| Irrigation | 4 | 4 | 10 | 124 | 322 | 544 | 667 | 530 | 318 | 65 | 7 | 5 |
| Industrial | 272 | 277 | 272 | 263 | 267 | 277 | 280 | 285 | 282 | 282 | 281 | 277 |
| Additional Firm | 392 | 417 | 426 | 437 | 449 | 481 | 498 | 518 | 528 | 545 | 576 | 591 |
| Loss | 166 | 164 | 149 | 148 | 161 | 185 | 215 | 199 | 166 | 149 | 160 | 174 |
| System Load | 2,242 | 2,224 | 2,004 | 1,992 | 2,189 | 2,568 | 3,016 | 2,797 | 2,324 | 2,079 | 2,249 | 2,470 |
| Light Load | 2,095 | 2,080 | 1,871 | 1,831 | 2,004 | 2,308 | 2,719 | 2,479 | 2,113 | 1,898 | 2,101 | 2,302 |
| Heavy Load | 2,368 | 2,332 | 2,104 | 2,109 | 2,349 | 2,758 | 3,250 | 3,047 | 2,493 | 2,222 | 2,362 | 2,602 |
| Total Load | 2,242 | 2,224 | 2,004 | 1,992 | 2,189 | 2,568 | 3,016 | 2,797 | 2,324 | 2,079 | 2,249 | 2,470 |
| Peak Load (MW) 50 th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 2,760 | 2,664 | 2,449 | 2,240 | 2,843 | 4,219 | 4,220 | 3,841 | 3,477 | 2,514 | 2,748 | 2,863 |
| Total Peak Load | 2,760 | 2,664 | 2,449 | 2,240 | 2,843 | 4,219 | 4,220 | 3,841 | 3,477 | 2,514 | 2,748 | 2,863 |

1. The sales and load forecast reflects the impact of existing EE programs on average load and peak demand. The new EE programs, proposed as part of the 2023 IRP. The peak load forecast does not include the impact of existing or new DR programs.

| 2028 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 890 | 816 | 673 | 576 | 535 | 591 | 797 | 714 | 538 | 560 | 728 | 902 |
| Commercial | 547 | 519 | 482 | 452 | 465 | 502 | 574 | 565 | 504 | 489 | 509 | 536 |
| Irrigation | 4 | 4 | 10 | 125 | 326 | 551 | 676 | 537 | 322 | 66 | 8 | 5 |
| Industrial | 282 | 267 | 273 | 264 | 268 | 277 | 280 | 286 | 283 | 282 | 282 | 280 |
| Additional Firm | 611 | 621 | 624 | 623 | 622 | 645 | 658 | 686 | 677 | 692 | 715 | 742 |
| Loss | 176 | 169 | 156 | 155 | 168 | 192 | 222 | 206 | 173 | 155 | 165 | 181 |
| System Load | 2,511 | 2,395 | 2,218 | 2,195 | 2,384 | 2,758 | 3,208 | 2,994 | 2,496 | 2,244 | 2,406 | 2,645 |
| Light Load | 2,346 | 2,240 | 2,071 | 2,018 | 2,182 | 2,479 | 2,892 | 2,654 | 2,269 | 2,048 | 2,248 | 2,465 |
| Heavy Load | 2,653 | 2,510 | 2,329 | 2,337 | 2,542 | 2,962 | 3,480 | 3,240 | 2,678 | 2,398 | 2,527 | 2,800 |
| Total Load | 2,511 | 2,395 | 2,218 | 2,195 | 2,384 | 2,758 | 3,208 | 2,994 | 2,496 | 2,244 | 2,406 | 2,645 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,057 | 2,873 | 2,698 | 2,471 | 3,073 | 4,457 | 4,458 | 4,082 | 3,700 | 2,716 | 2,940 | 3,054 |
| Total Peak Load | 3,057 | 2,873 | 2,698 | 2,471 | 3,073 | 4,457 | 4,458 | 4,082 | 3,700 | 2,716 | 2,940 | 3,054 |
| 2029 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 888 | 846 | 677 | 580 | 540 | 597 | 805 | 722 | 543 | 565 | 734 | 908 |
| Commercial | 545 | 542 | 491 | 461 | 474 | 511 | 585 | 576 | 513 | 498 | 518 | 546 |
| Irrigation | 4 | 4 | 10 | 126 | 328 | 554 | 680 | 541 | 324 | 66 | 8 | 5 |
| Industrial | 276 | 280 | 276 | 267 | 271 | 280 | 284 | 289 | 286 | 286 | 285 | 284 |
| Additional Firm | 765 | 781 | 781 | 778 | 772 | 801 | 819 | 827 | 817 | 810 | 825 | 833 |
| Loss | 181 | 179 | 163 | 161 | 174 | 199 | 230 | 213 | 179 | 160 | 170 | 185 |
| System Load | 2,659 | 2,632 | 2,399 | 2,374 | 2,559 | 2,942 | 3,403 | 3,168 | 2,664 | 2,385 | 2,540 | 2,761 |
| Light Load | 2,484 | 2,462 | 2,240 | 2,182 | 2,343 | 2,644 | 3,068 | 2,808 | 2,422 | 2,177 | 2,373 | 2,573 |
| Heavy Load | 2,796 | 2,760 | 2,518 | 2,527 | 2,730 | 3,160 | 3,691 | 3,428 | 2,875 | 2,536 | 2,668 | 2,923 |
| Total Load | 2,659 | 2,632 | 2,399 | 2,374 | 2,559 | 2,942 | 3,403 | 3,168 | 2,664 | 2,385 | 2,540 | 2,761 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,213 | 3,124 | 2,897 | 2,653 | 3,245 | 4,657 | 4,658 | 4,261 | 3,874 | 2,853 | 3,073 | 3,179 |
| Total Peak Load | 3,213 | 3,124 | 2,897 | 2,653 | 3,245 | 4,657 | 4,658 | 4,261 | 3,874 | 2,853 | 3,073 | 3,179 |

| 2030 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 894 | 852 | 682 | 585 | 545 | 602 | 813 | 729 | 548 | 569 | 738 | 912 |
| Commercial | 554 | 551 | 500 | 469 | 483 | 520 | 596 | 586 | 522 | 507 | 528 | 555 |
| Irrigation | 4 | 4 | 11 | 127 | 331 | 560 | 687 | 547 | 328 | 67 | 8 | 5 |
| Industrial | 280 | 284 | 280 | 271 | 275 | 284 | 288 | 293 | 290 | 290 | 289 | 286 |
| Additional Firm | 838 | 846 | 841 | 834 | 825 | 854 | 890 | 907 | 902 | 902 | 924 | 932 |
| Loss | 185 | 182 | 166 | 164 | 177 | 203 | 234 | 218 | 183 | 164 | 175 | 189 |
| System Load | 2,755 | 2,720 | 2,479 | 2,449 | 2,635 | 3,024 | 3,508 | 3,279 | 2,774 | 2,499 | 2,661 | 2,879 |
| Light Load | 2,574 | 2,544 | 2,315 | 2,251 | 2,413 | 2,717 | 3,162 | 2,906 | 2,522 | 2,281 | 2,486 | 2,683 |
| Heavy Load | 2,897 | 2,852 | 2,614 | 2,594 | 2,811 | 3,269 | 3,780 | 3,548 | 2,994 | 2,656 | 2,795 | 3,047 |
| Total Load | 2,755 | 2,720 | 2,479 | 2,449 | 2,635 | 3,024 | 3,508 | 3,279 | 2,774 | 2,499 | 2,661 | 2,879 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,324 | 3,208 | 2,971 | 2,716 | 3,311 | 4,771 | 4,772 | 4,380 | 4,002 | 2,965 | 3,192 | 3,306 |
| Total Peak Load | 3,324 | 3,208 | 2,971 | 2,716 | 3,311 | 4,771 | 4,772 | 4,380 | 4,002 | 2,965 | 3,192 | 3,306 |
| 2031 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 898 | 856 | 686 | 588 | 549 | 608 | 821 | 736 | 553 | 573 | 742 | 918 |
| Commercial | 562 | 559 | 507 | 476 | 490 | 528 | 604 | 594 | 530 | 514 | 535 | 561 |
| Irrigation | 4 | 4 | 11 | 128 | 333 | 564 | 693 | 551 | 330 | 68 | 8 | 5 |
| Industrial | 282 | 286 | 282 | 273 | 276 | 286 | 290 | 295 | 292 | 292 | 291 | 287 |
| Additional Firm | 958 | 977 | 970 | 970 | 968 | 1,007 | 1,017 | 1,030 | 1,021 | 1,010 | 1,029 | 1,025 |
| Loss | 190 | 187 | 171 | 169 | 183 | 208 | 240 | 223 | 188 | 168 | 179 | 193 |
| System Load | 2,894 | 2,871 | 2,626 | 2,604 | 2,799 | 3,202 | 3,664 | 3,429 | 2,914 | 2,625 | 2,785 | 2,990 |
| Light Load | 2,704 | 2,685 | 2,452 | 2,393 | 2,563 | 2,878 | 3,303 | 3,040 | 2,649 | 2,396 | 2,601 | 2,786 |
| Heavy Load | 3,032 | 3,010 | 2,769 | 2,757 | 2,970 | 3,462 | 3,925 | 3,737 | 3,108 | 2,791 | 2,924 | 3,137 |
| Total Load | 2,894 | 2,871 | 2,626 | 2,604 | 2,799 | 3,202 | 3,664 | 3,429 | 2,914 | 2,625 | 2,785 | 2,990 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,465 | 3,355 | 3,123 | 2,868 | 3,476 | 4,948 | 4,949 | 4,546 | 4,159 | 3,096 | 3,314 | 3,427 |
| Total Peak Load | 3,465 | 3,355 | 3,123 | 2,868 | 3,476 | 4,948 | 4,949 | 4,546 | 4,159 | 3,096 | 3,314 | 3,427 |

| 2032 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 913 | 837 | 691 | 593 | 555 | 614 | 830 | 744 | 559 | 578 | 748 | 926 |
| Commercial | 582 | 552 | 512 | 481 | 495 | 533 | 611 | 601 | 535 | 519 | 541 | 569 |
| Irrigation | 4 | 4 | 11 | 128 | 335 | 567 | 696 | 554 | 332 | 68 | 8 | 5 |
| Industrial | 293 | 277 | 283 | 273 | 277 | 287 | 291 | 296 | 293 | 293 | 292 | 289 |
| Additional Firm | 1,059 | 1,073 | 1,062 | 1,053 | 1,040 | 1,072 | 1,070 | 1,077 | 1,059 | 1,044 | 1,063 | 1,046 |
| Loss | 196 | 188 | 174 | 172 | 186 | 212 | 243 | 226 | 190 | 170 | 181 | 195 |
| System Load | 3,046 | 2,931 | 2,733 | 2,701 | 2,887 | 3,286 | 3,740 | 3,498 | 2,968 | 2,672 | 2,831 | 3,029 |
| Light Load | 2,846 | 2,741 | 2,552 | 2,482 | 2,643 | 2,953 | 3,372 | 3,101 | 2,698 | 2,439 | 2,645 | 2,823 |
| Heavy Load | 3,190 | 3,085 | 2,869 | 2,860 | 3,080 | 3,529 | 4,006 | 3,811 | 3,165 | 2,856 | 2,961 | 3,178 |
| Total Load | 3,046 | 2,931 | 2,733 | 2,701 | 2,887 | 3,286 | 3,740 | 3,498 | 2,968 | 2,672 | 2,831 | 3,029 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,615 | 3,425 | 3,232 | 2,962 | 3,563 | 5,042 | 5,043 | 4,631 | 4,228 | 3,147 | 3,362 | 3,469 |
| Total Peak Load | 3,615 | 3,425 | 3,232 | 2,962 | 3,563 | 5,042 | 5,043 | 4,631 | 4,228 | 3,147 | 3,362 | 3,469 |
| 2033 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 912 | 870 | 697 | 599 | 562 | 623 | 843 | 756 | 567 | 585 | 755 | 935 |
| Commercial | 577 | 574 | 520 | 488 | 503 | 542 | 620 | 610 | 544 | 528 | 549 | 577 |
| Irrigation | 4 | 4 | 11 | 129 | 336 | 569 | 699 | 556 | 333 | 68 | 8 | 5 |
| Industrial | 285 | 289 | 285 | 276 | 279 | 289 | 293 | 299 | 295 | 295 | 294 | 291 |
| Additional Firm | 1,070 | 1,087 | 1,065 | 1,053 | 1,042 | 1,073 | 1,071 | 1,076 | 1,060 | 1,046 | 1,063 | 1,046 |
| Loss | 195 | 193 | 175 | 174 | 187 | 213 | 245 | 227 | 192 | 172 | 182 | 196 |
| System Load | 3,044 | 3,017 | 2,753 | 2,718 | 2,909 | 3,309 | 3,770 | 3,524 | 2,991 | 2,693 | 2,852 | 3,050 |
| Light Load | 2,844 | 2,822 | 2,571 | 2,498 | 2,663 | 2,974 | 3,398 | 3,124 | 2,719 | 2,458 | 2,665 | 2,842 |
| Heavy Load | 3,202 | 3,163 | 2,891 | 2,878 | 3,103 | 3,554 | 4,062 | 3,814 | 3,190 | 2,878 | 2,983 | 3,200 |
| Total Load | 3,044 | 3,017 | 2,753 | 2,718 | 2,909 | 3,309 | 3,770 | 3,524 | 2,991 | 2,693 | 2,852 | 3,050 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,616 | 3,494 | 3,249 | 2,971 | 3,578 | 5,081 | 5,082 | 4,667 | 4,267 | 3,166 | 3,380 | 3,486 |
| Total Peak Load | 3,616 | 3,494 | 3,249 | 2,971 | 3,578 | 5,081 | 5,082 | 4,667 | 4,267 | 3,166 | 3,380 | 3,486 |

| 2034 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 921 | 879 | 705 | 607 | 570 | 633 | 857 | 769 | 576 | 592 | 763 | 943 |
| Commercial | 586 | 582 | 528 | 495 | 510 | 549 | 629 | 619 | 551 | 535 | 557 | 585 |
| Irrigation | 4 | 4 | 11 | 129 | 336 | 570 | 701 | 558 | 334 | 68 | 8 | 5 |
| Industrial | 287 | 291 | 287 | 278 | 281 | 292 | 295 | 301 | 298 | 297 | 296 | 294 |
| Additional Firm | 1,072 | 1,091 | 1,067 | 1,057 | 1,045 | 1,075 | 1,071 | 1,079 | 1,063 | 1,048 | 1,065 | 1,049 |
| Loss | 197 | 194 | 177 | 175 | 188 | 215 | 247 | 229 | 193 | 173 | 183 | 198 |
| System Load | 3,067 | 3,042 | 2,774 | 2,740 | 2,930 | 3,334 | 3,799 | 3,554 | 3,015 | 2,713 | 2,873 | 3,073 |
| Light Load | 2,866 | 2,845 | 2,591 | 2,519 | 2,683 | 2,997 | 3,425 | 3,150 | 2,741 | 2,477 | 2,684 | 2,864 |
| Heavy Load | 3,226 | 3,189 | 2,913 | 2,917 | 3,109 | 3,581 | 4,094 | 3,845 | 3,215 | 2,900 | 3,004 | 3,238 |
| Total Load | 3,067 | 3,042 | 2,774 | 2,740 | 2,930 | 3,334 | 3,799 | 3,554 | 3,015 | 2,713 | 2,873 | 3,073 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,637 | 3,516 | 3,269 | 2,984 | 3,594 | 5,120 | 5,121 | 4,707 | 4,307 | 3,186 | 3,398 | 3,507 |
| Total Peak Load | 3,637 | 3,516 | 3,269 | 2,984 | 3,594 | 5,120 | 5,121 | 4,707 | 4,307 | 3,186 | 3,398 | 3,507 |
| 2035 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 930 | 888 | 713 | 614 | 578 | 643 | 870 | 781 | 584 | 599 | 770 | 951 |
| Commercial | 594 | 590 | 535 | 502 | 517 | 557 | 637 | 627 | 559 | 542 | 565 | 592 |
| Irrigation | 4 | 4 | 11 | 129 | 338 | 573 | 705 | 561 | 336 | 69 | 8 | 5 |
| Industrial | 290 | 294 | 290 | 280 | 284 | 294 | 298 | 304 | 300 | 300 | 299 | 295 |
| Additional Firm | 1,073 | 1,090 | 1,069 | 1,057 | 1,045 | 1,073 | 1,072 | 1,080 | 1,063 | 1,047 | 1,065 | 1,049 |
| Loss | 198 | 195 | 178 | 176 | 190 | 216 | 249 | 231 | 194 | 174 | 184 | 199 |
| System Load | 3,089 | 3,062 | 2,795 | 2,759 | 2,951 | 3,357 | 3,831 | 3,583 | 3,037 | 2,731 | 2,891 | 3,091 |
| Light Load | 2,886 | 2,864 | 2,610 | 2,536 | 2,701 | 3,017 | 3,453 | 3,176 | 2,761 | 2,493 | 2,701 | 2,881 |
| Heavy Load | 3,235 | 3,211 | 2,935 | 2,937 | 3,131 | 3,605 | 4,128 | 3,877 | 3,258 | 2,903 | 3,024 | 3,257 |
| Total Load | 3,089 | 3,062 | 2,795 | 2,759 | 2,951 | 3,357 | 3,831 | 3,583 | 3,037 | 2,731 | 2,891 | 3,091 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,656 | 3,533 | 3,287 | 2,992 | 3,608 | 5,161 | 5,162 | 4,746 | 4,346 | 3,203 | 3,414 | 3,523 |
| Total Peak Load | 3,656 | 3,533 | 3,287 | 2,992 | 3,608 | 5,161 | 5,162 | 4,746 | 4,346 | 3,203 | 3,414 | 3,523 |

| 2036 Monthly Summary | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | | |
| Residential | | 947 | 870 | 720 | 622 | 586 | 654 | 885 | 794 | 593 | 607 | 778 | 960 |
| Commercial | | 613 | 581 | 539 | 506 | 521 | 562 | 643 | 633 | 564 | 547 | 570 | 599 |
| Irrigation | | 4 | 4 | 11 | 130 | 339 | 576 | 709 | 564 | 338 | 69 | 8 | 5 |
| Industrial | | 301 | 285 | 291 | 281 | 285 | 295 | 299 | 305 | 301 | 301 | 300 | 297 |
| Additional Firm | | 1,073 | 1,075 | 1,069 | 1,057 | 1,044 | 1,074 | 1,073 | 1,080 | 1,062 | 1,047 | 1,066 | 1,049 |
| Loss | | 201 | 193 | 179 | 177 | 191 | 218 | 251 | 233 | 196 | 175 | 185 | 200 |
| System Load | | 3,139 | 3,008 | 2,809 | 2,773 | 2,966 | 3,378 | 3,859 | 3,608 | 3,054 | 2,746 | 2,907 | 3,111 |
| Light Load | | 2,933 | 2,813 | 2,623 | 2,549 | 2,715 | 3,036 | 3,479 | 3,198 | 2,777 | 2,506 | 2,716 | 2,900 |
| Heavy Load | | 3,288 | 3,152 | 2,962 | 2,937 | 3,147 | 3,652 | 4,133 | 3,931 | 3,257 | 2,919 | 3,053 | 3,264 |
| Total Load | | 3,139 | 3,008 | 2,809 | 2,773 | 2,966 | 3,378 | 3,859 | 3,608 | 3,054 | 2,746 | 2,907 | 3,111 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | | |
| System Peak Load (1 hour) | | 3,699 | 3,499 | 3,299 | 2,999 | 3,619 | 5,200 | 5,201 | 4,781 | 4,376 | 3,216 | 3,428 | 3,540 |
| Total Peak Load | | 3,699 | 3,499 | 3,299 | 2,999 | 3,619 | 5,200 | 5,201 | 4,781 | 4,376 | 3,216 | 3,428 | 3,540 |
| 2037 Monthly Summary | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | | |
| Residential | | 947 | 905 | 728 | 629 | 594 | 663 | 898 | 805 | 601 | 613 | 783 | 964 |
| Commercial | | 608 | 604 | 548 | 514 | 529 | 570 | 653 | 642 | 572 | 555 | 578 | 607 |
| Irrigation | | 5 | 4 | 11 | 131 | 341 | 580 | 713 | 567 | 340 | 70 | 8 | 5 |
| Industrial | | 293 | 298 | 294 | 284 | 288 | 298 | 302 | 307 | 304 | 304 | 303 | 299 |
| Additional Firm | | 1,075 | 1,092 | 1,069 | 1,056 | 1,044 | 1,075 | 1,073 | 1,079 | 1,062 | 1,047 | 1,065 | 1,051 |
| Loss | | 201 | 198 | 180 | 178 | 192 | 219 | 253 | 235 | 197 | 176 | 186 | 201 |
| System Load | | 3,128 | 3,102 | 2,829 | 2,791 | 2,988 | 3,405 | 3,890 | 3,636 | 3,076 | 2,765 | 2,924 | 3,127 |
| Light Load | | 2,923 | 2,901 | 2,642 | 2,565 | 2,735 | 3,061 | 3,507 | 3,223 | 2,797 | 2,523 | 2,732 | 2,914 |
| Heavy Load | | 3,276 | 3,252 | 2,983 | 2,956 | 3,187 | 3,657 | 4,167 | 3,962 | 3,280 | 2,939 | 3,071 | 3,281 |
| Total Load | | 3,128 | 3,102 | 2,829 | 2,791 | 2,988 | 3,405 | 3,890 | 3,636 | 3,076 | 2,765 | 2,924 | 3,127 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | | |
| System Peak Load (1 hour) | | 3,689 | 3,568 | 3,316 | 3,007 | 3,634 | 5,241 | 5,242 | 4,818 | 4,414 | 3,234 | 3,442 | 3,554 |
| Total Peak Load | | 3,689 | 3,568 | 3,316 | 3,007 | 3,634 | 5,241 | 5,242 | 4,818 | 4,414 | 3,234 | 3,442 | 3,554 |

| 2038 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 950 | 909 | 731 | 632 | 598 | 668 | 905 | 812 | 605 | 614 | 784 | 964 |
| Commercial | 615 | 611 | 554 | 520 | 535 | 577 | 660 | 650 | 579 | 562 | 585 | 614 |
| Irrigation | 5 | 4 | 11 | 131 | 343 | 583 | 717 | 571 | 342 | 70 | 8 | 5 |
| Industrial | 295 | 300 | 295 | 285 | 289 | 300 | 303 | 309 | 306 | 305 | 305 | 301 |
| Additional Firm | 1,074 | 1,092 | 1,067 | 1,056 | 1,045 | 1,075 | 1,072 | 1,079 | 1,062 | 1,047 | 1,066 | 1,050 |
| Loss | 201 | 199 | 181 | 179 | 193 | 220 | 254 | 236 | 198 | 177 | 187 | 202 |
| System Load | 3,141 | 3,115 | 2,839 | 2,803 | 3,003 | 3,423 | 3,912 | 3,656 | 3,092 | 2,775 | 2,935 | 3,136 |
| Light Load | 2,935 | 2,913 | 2,651 | 2,577 | 2,749 | 3,077 | 3,527 | 3,241 | 2,811 | 2,533 | 2,742 | 2,923 |
| Heavy Load | 3,303 | 3,266 | 2,980 | 2,969 | 3,204 | 3,677 | 4,190 | 3,983 | 3,297 | 2,966 | 3,070 | 3,291 |
| Total Load | 3,141 | 3,115 | 2,839 | 2,803 | 3,003 | 3,423 | 3,912 | 3,656 | 3,092 | 2,775 | 2,935 | 3,136 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,700 | 3,579 | 3,324 | 3,013 | 3,645 | 5,274 | 5,275 | 4,850 | 4,441 | 3,243 | 3,452 | 3,561 |
| Total Peak Load | 3,700 | 3,579 | 3,324 | 3,013 | 3,645 | 5,274 | 5,275 | 4,850 | 4,441 | 3,243 | 3,452 | 3,561 |
| 2039 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 950 | 910 | 732 | 634 | 602 | 675 | 915 | 821 | 611 | 619 | 789 | 969 |
| Commercial | 622 | 618 | 560 | 525 | 541 | 583 | 668 | 657 | 585 | 568 | 592 | 620 |
| Irrigation | 5 | 4 | 11 | 132 | 344 | 586 | 721 | 574 | 344 | 70 | 8 | 5 |
| Industrial | 297 | 302 | 297 | 287 | 291 | 302 | 305 | 311 | 308 | 307 | 307 | 302 |
| Additional Firm | 1,074 | 1,090 | 1,068 | 1,057 | 1,045 | 1,074 | 1,071 | 1,079 | 1,062 | 1,048 | 1,066 | 1,050 |
| Loss | 202 | 199 | 181 | 180 | 194 | 222 | 256 | 237 | 199 | 178 | 188 | 203 |
| System Load | 3,151 | 3,124 | 2,850 | 2,816 | 3,018 | 3,441 | 3,936 | 3,679 | 3,109 | 2,791 | 2,950 | 3,150 |
| Light Load | 2,944 | 2,922 | 2,661 | 2,588 | 2,763 | 3,093 | 3,548 | 3,262 | 2,826 | 2,548 | 2,756 | 2,935 |
| Heavy Load | 3,314 | 3,275 | 2,992 | 2,982 | 3,219 | 3,696 | 4,242 | 3,981 | 3,315 | 2,983 | 3,085 | 3,304 |
| Total Load | 3,151 | 3,124 | 2,850 | 2,816 | 3,018 | 3,441 | 3,936 | 3,679 | 3,109 | 2,791 | 2,950 | 3,150 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,708 | 3,586 | 3,333 | 3,019 | 3,656 | 5,310 | 5,311 | 4,884 | 4,471 | 3,259 | 3,465 | 3,572 |
| Total Peak Load | 3,708 | 3,586 | 3,333 | 3,019 | 3,656 | 5,310 | 5,311 | 4,884 | 4,471 | 3,259 | 3,465 | 3,572 |

| 2040 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 963 | 887 | 735 | 638 | 606 | 680 | 923 | 827 | 614 | 620 | 789 | 968 |
| Commercial | 643 | 609 | 565 | 530 | 546 | 588 | 674 | 663 | 590 | 573 | 597 | 628 |
| Irrigation | 5 | 4 | 11 | 132 | 346 | 589 | 725 | 577 | 346 | 71 | 8 | 5 |
| Industrial | 309 | 292 | 298 | 289 | 293 | 303 | 307 | 313 | 309 | 309 | 308 | 306 |
| Additional Firm | 1,073 | 1,073 | 1,069 | 1,057 | 1,044 | 1,074 | 1,072 | 1,079 | 1,064 | 1,049 | 1,067 | 1,049 |
| Loss | 205 | 196 | 182 | 180 | 195 | 223 | 257 | 239 | 200 | 178 | 189 | 203 |
| System Load | 3,197 | 3,062 | 2,861 | 2,826 | 3,030 | 3,457 | 3,957 | 3,697 | 3,124 | 2,800 | 2,957 | 3,159 |
| Light Load | 2,987 | 2,864 | 2,672 | 2,598 | 2,773 | 3,107 | 3,568 | 3,278 | 2,840 | 2,556 | 2,763 | 2,944 |
| Heavy Load | 3,363 | 3,209 | 3,004 | 3,009 | 3,215 | 3,712 | 4,265 | 4,001 | 3,351 | 2,976 | 3,092 | 3,329 |
| Total Load | 3,197 | 3,062 | 2,861 | 2,826 | 3,030 | 3,457 | 3,957 | 3,697 | 3,124 | 2,800 | 2,957 | 3,159 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,748 | 3,545 | 3,343 | 3,024 | 3,664 | 5,344 | 5,345 | 4,914 | 4,495 | 3,267 | 3,471 | 3,581 |
| Total Peak Load | 3,748 | 3,545 | 3,343 | 3,024 | 3,664 | 5,344 | 5,345 | 4,914 | 4,495 | 3,267 | 3,471 | 3,581 |
| 2041 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 954 | 913 | 735 | 638 | 608 | 683 | 927 | 831 | 616 | 620 | 788 | 967 |
| Commercial | 637 | 633 | 573 | 538 | 554 | 597 | 684 | 673 | 599 | 581 | 606 | 636 |
| Irrigation | 5 | 4 | 11 | 133 | 348 | 592 | 729 | 580 | 348 | 71 | 8 | 5 |
| Industrial | 302 | 306 | 302 | 292 | 296 | 306 | 310 | 316 | 313 | 312 | 312 | 308 |
| Additional Firm | 1,082 | 1,101 | 1,077 | 1,063 | 1,049 | 1,079 | 1,076 | 1,085 | 1,069 | 1,054 | 1,072 | 1,057 |
| Loss | 204 | 201 | 183 | 181 | 196 | 224 | 259 | 240 | 201 | 179 | 189 | 204 |
| System Load | 3,183 | 3,159 | 2,881 | 2,844 | 3,050 | 3,481 | 3,984 | 3,725 | 3,145 | 2,819 | 2,975 | 3,178 |
| Light Load | 2,974 | 2,955 | 2,691 | 2,615 | 2,792 | 3,129 | 3,592 | 3,302 | 2,859 | 2,573 | 2,779 | 2,962 |
| Heavy Load | 3,333 | 3,313 | 3,038 | 3,012 | 3,236 | 3,763 | 4,268 | 4,031 | 3,374 | 2,996 | 3,111 | 3,349 |
| Total Load | 3,183 | 3,159 | 2,881 | 2,844 | 3,050 | 3,481 | 3,984 | 3,725 | 3,145 | 2,819 | 2,975 | 3,178 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,739 | 3,619 | 3,364 | 3,035 | 3,679 | 5,383 | 5,384 | 4,954 | 4,530 | 3,286 | 3,489 | 3,600 |
| Total Peak Load | 3,739 | 3,619 | 3,364 | 3,035 | 3,679 | 5,383 | 5,384 | 4,954 | 4,530 | 3,286 | 3,489 | 3,600 |

| 2042 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 953 | 913 | 735 | 638 | 609 | 685 | 931 | 835 | 618 | 621 | 788 | 969 |
| Commercial | 644 | 640 | 579 | 544 | 560 | 603 | 691 | 680 | 605 | 588 | 612 | 643 |
| Irrigation | 5 | 4 | 11 | 133 | 349 | 595 | 733 | 584 | 350 | 72 | 8 | 5 |
| Industrial | 304 | 309 | 304 | 294 | 298 | 309 | 313 | 319 | 316 | 315 | 314 | 311 |
| Additional Firm | 1,083 | 1,101 | 1,075 | 1,062 | 1,050 | 1,079 | 1,078 | 1,085 | 1,069 | 1,053 | 1,073 | 1,059 |
| Loss | 204 | 202 | 184 | 182 | 197 | 225 | 260 | 241 | 202 | 180 | 190 | 205 |
| System Load | 3,194 | 3,169 | 2,889 | 2,853 | 3,063 | 3,496 | 4,005 | 3,743 | 3,159 | 2,827 | 2,985 | 3,192 |
| Light Load | 2,984 | 2,964 | 2,698 | 2,623 | 2,804 | 3,142 | 3,611 | 3,318 | 2,872 | 2,581 | 2,789 | 2,974 |
| Heavy Load | 3,345 | 3,323 | 3,046 | 3,022 | 3,250 | 3,779 | 4,290 | 4,079 | 3,369 | 3,006 | 3,135 | 3,349 |
| Total Load | 3,194 | 3,169 | 2,889 | 2,853 | 3,063 | 3,496 | 4,005 | 3,743 | 3,159 | 2,827 | 2,985 | 3,192 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,748 | 3,628 | 3,370 | 3,039 | 3,688 | 5,417 | 5,418 | 4,984 | 4,554 | 3,294 | 3,498 | 3,611 |
| Total Peak Load | 3,748 | 3,628 | 3,370 | 3,039 | 3,688 | 5,417 | 5,418 | 4,984 | 4,554 | 3,294 | 3,498 | 3,611 |
| 2043 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 956 | 916 | 738 | 641 | 613 | 690 | 937 | 841 | 622 | 624 | 791 | 972 |
| Commercial | 652 | 647 | 586 | 549 | 566 | 610 | 699 | 688 | 612 | 594 | 619 | 649 |
| Irrigation | 5 | 4 | 11 | 134 | 351 | 598 | 737 | 587 | 352 | 72 | 8 | 5 |
| Industrial | 307 | 312 | 307 | 297 | 301 | 312 | 315 | 322 | 318 | 318 | 317 | 313 |
| Additional Firm | 1,083 | 1,100 | 1,075 | 1,063 | 1,049 | 1,080 | 1,078 | 1,085 | 1,067 | 1,053 | 1,074 | 1,059 |
| Loss | 205 | 203 | 184 | 183 | 198 | 226 | 261 | 243 | 203 | 181 | 191 | 206 |
| System Load | 3,208 | 3,182 | 2,901 | 2,867 | 3,077 | 3,516 | 4,028 | 3,764 | 3,174 | 2,842 | 3,000 | 3,203 |
| Light Load | 2,997 | 2,976 | 2,709 | 2,635 | 2,817 | 3,160 | 3,631 | 3,337 | 2,885 | 2,594 | 2,803 | 2,985 |
| Heavy Load | 3,360 | 3,336 | 3,059 | 3,036 | 3,282 | 3,776 | 4,314 | 4,101 | 3,385 | 3,021 | 3,151 | 3,361 |
| Total Load | 3,208 | 3,182 | 2,901 | 2,867 | 3,077 | 3,516 | 4,028 | 3,764 | 3,174 | 2,842 | 3,000 | 3,203 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,760 | 3,638 | 3,380 | 3,046 | 3,698 | 5,451 | 5,452 | 5,016 | 4,581 | 3,308 | 3,510 | 3,621 |
| Total Peak Load | 3,760 | 3,638 | 3,380 | 3,046 | 3,698 | 5,451 | 5,452 | 5,016 | 4,581 | 3,308 | 3,510 | 3,621 |

| 2044 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 968 | 892 | 739 | 642 | 615 | 693 | 943 | 846 | 625 | 626 | 793 | 975 |
| Commercial | 672 | 636 | 590 | 553 | 570 | 615 | 704 | 693 | 617 | 598 | 624 | 656 |
| Irrigation | 5 | 4 | 11 | 134 | 352 | 601 | 740 | 590 | 353 | 72 | 8 | 5 |
| Industrial | 320 | 303 | 309 | 299 | 303 | 314 | 317 | 324 | 320 | 319 | 319 | 318 |
| Additional Firm | 1,082 | 1,081 | 1,075 | 1,062 | 1,050 | 1,080 | 1,078 | 1,084 | 1,067 | 1,054 | 1,074 | 1,057 |
| Loss | 208 | 199 | 185 | 183 | 198 | 227 | 263 | 244 | 204 | 181 | 192 | 207 |
| System Load | 3,254 | 3,116 | 2,910 | 2,874 | 3,089 | 3,529 | 4,045 | 3,779 | 3,187 | 2,852 | 3,009 | 3,218 |
| Light Load | 3,041 | 2,914 | 2,717 | 2,642 | 2,828 | 3,172 | 3,647 | 3,350 | 2,897 | 2,603 | 2,811 | 2,999 |
| Heavy Load | 3,423 | 3,265 | 3,055 | 3,060 | 3,278 | 3,790 | 4,359 | 4,089 | 3,418 | 3,032 | 3,147 | 3,390 |
| Total Load | 3,254 | 3,116 | 2,910 | 2,874 | 3,089 | 3,529 | 4,045 | 3,779 | 3,187 | 2,852 | 3,009 | 3,218 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,800 | 3,593 | 3,388 | 3,049 | 3,707 | 5,483 | 5,484 | 5,044 | 4,602 | 3,317 | 3,518 | 3,633 |
| Total Peak Load | 3,800 | 3,593 | 3,388 | 3,049 | 3,707 | 5,483 | 5,484 | 5,044 | 4,602 | 3,317 | 3,518 | 3,633 |
| 2045 Monthly Summary | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Average Load (aMW) 50th Percentile | | | | | | | | | | | | |
| Residential | 962 | 921 | 741 | 644 | 617 | 696 | 947 | 850 | 627 | 627 | 793 | 976 |
| Commercial | 666 | 661 | 598 | 561 | 578 | 623 | 714 | 702 | 625 | 606 | 632 | 659 |
| Irrigation | 5 | 4 | 11 | 135 | 354 | 603 | 744 | 593 | 355 | 73 | 8 | 5 |
| Industrial | 313 | 318 | 313 | 303 | 307 | 318 | 322 | 328 | 325 | 324 | 324 | 318 |
| Additional Firm | 1,081 | 1,100 | 1,075 | 1,064 | 1,050 | 1,080 | 1,076 | 1,084 | 1,069 | 1,054 | 1,073 | 1,057 |
| Loss | 207 | 205 | 186 | 184 | 199 | 228 | 264 | 245 | 205 | 182 | 192 | 207 |
| System Load | 3,233 | 3,209 | 2,924 | 2,891 | 3,106 | 3,549 | 4,067 | 3,802 | 3,206 | 2,867 | 3,022 | 3,222 |
| Light Load | 3,021 | 3,001 | 2,731 | 2,657 | 2,843 | 3,190 | 3,666 | 3,370 | 2,915 | 2,617 | 2,824 | 3,002 |
| Heavy Load | 3,387 | 3,364 | 3,084 | 3,062 | 3,313 | 3,812 | 4,356 | 4,143 | 3,419 | 3,048 | 3,174 | 3,380 |
| Total Load | 3,233 | 3,209 | 2,924 | 2,891 | 3,106 | 3,549 | 4,067 | 3,802 | 3,206 | 2,867 | 3,022 | 3,222 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | | | |
| System Peak Load (1 hour) | 3,782 | 3,661 | 3,401 | 3,058 | 3,719 | 5,516 | 5,517 | 5,078 | 4,636 | 3,331 | 3,529 | 3,637 |
| Total Peak Load | 3,782 | 3,661 | 3,401 | 3,058 | 3,719 | 5,516 | 5,517 | 5,078 | 4,636 | 3,331 | 3,529 | 3,637 |

Annual Summary

| | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Billed Sales (MWh) 50th Percentile | | | | | | | | | | |
| Residential | 6,069,203 | 6,050,768 | 6,090,598 | 6,131,493 | 6,176,568 | 6,221,875 | 6,283,820 | 6,348,809 | 6,428,794 | 6,507,296 |
| Commercial | 4,338,125 | 4,414,914 | 4,493,856 | 4,566,379 | 4,646,799 | 4,714,431 | 4,778,420 | 4,838,873 | 4,906,171 | 4,972,830 |
| Irrigation | 1,904,503 | 1,910,206 | 1,935,069 | 1,947,666 | 1,967,643 | 1,982,712 | 1,992,900 | 1,999,074 | 2,005,246 | 2,015,096 |
| Industrial | 2,421,040 | 2,419,981 | 2,431,337 | 2,452,398 | 2,488,529 | 2,504,665 | 2,519,620 | 2,531,927 | 2,550,230 | 2,574,577 |
| Additional Firm | 2,257,365 | 4,278,945 | 5,794,824 | 7,015,723 | 7,662,643 | 8,747,960 | 9,309,062 | 9,306,730 | 9,329,289 | 9,331,655 |
| System Load | 16,990,236 | 19,074,814 | 20,745,685 | 22,113,658 | 22,942,183 | 24,171,643 | 24,883,823 | 25,025,412 | 25,219,729 | 25,401,455 |
| Total Load | 16,990,236 | 19,074,814 | 20,745,685 | 22,113,658 | 22,942,183 | 24,171,643 | 24,883,823 | 25,025,412 | 25,219,729 | 25,401,455 |
| Generation Month Sales (MWh) 50th Percentile | | | | | | | | | | |
| Residential | 6,073,975 | 6,051,565 | 6,092,931 | 6,134,468 | 6,178,825 | 6,224,917 | 6,287,579 | 6,353,090 | 6,432,850 | 6,511,387 |
| Commercial | 4,342,758 | 4,418,926 | 4,498,804 | 4,571,136 | 4,650,801 | 4,717,519 | 4,782,699 | 4,842,856 | 4,910,117 | 4,975,584 |
| Irrigation | 1,904,509 | 1,910,231 | 1,935,082 | 1,947,686 | 1,967,658 | 1,982,723 | 1,992,907 | 1,999,081 | 2,005,256 | 2,015,108 |
| Industrial | 2,420,950 | 2,420,339 | 2,433,730 | 2,455,464 | 2,489,899 | 2,505,306 | 2,521,292 | 2,533,481 | 2,552,296 | 2,575,284 |
| Additional Firm | 2,257,365 | 4,278,945 | 5,794,824 | 7,015,723 | 7,662,643 | 8,747,960 | 9,309,062 | 9,306,730 | 9,329,289 | 9,331,655 |
| System Sales | 16,999,558 | 19,080,005 | 20,755,371 | 22,124,477 | 22,949,826 | 24,178,424 | 24,893,539 | 25,035,237 | 25,229,808 | 25,409,019 |
| Total Sales | 16,999,558 | 19,080,005 | 20,755,371 | 22,124,477 | 22,949,826 | 24,178,424 | 24,893,539 | 25,035,237 | 25,229,808 | 25,409,019 |
| Loss | 1,416,164 | 1,487,026 | 1,551,360 | 1,602,507 | 1,636,359 | 1,678,898 | 1,707,073 | 1,716,245 | 1,729,119 | 1,741,547 |
| Required Supply | 18,415,722 | 20,567,031 | 22,306,731 | 23,726,985 | 24,586,185 | 25,857,323 | 26,600,612 | 26,751,481 | 26,958,926 | 27,150,566 |
| Average Load (aMW) 50th Percentile | | | | | | | | | | |
| Residential | 693 | 691 | 694 | 700 | 705 | 711 | 716 | 725 | 734 | 743 |
| Commercial | 496 | 504 | 512 | 522 | 531 | 539 | 544 | 553 | 561 | 568 |
| Irrigation | 217 | 218 | 220 | 222 | 225 | 226 | 227 | 228 | 229 | 230 |
| Industrial | 276 | 276 | 277 | 280 | 284 | 286 | 287 | 289 | 291 | 294 |
| Additional Firm | 258 | 488 | 660 | 801 | 875 | 999 | 1,060 | 1,062 | 1,065 | 1,065 |
| Loss | 162 | 170 | 177 | 183 | 187 | 192 | 194 | 196 | 197 | 199 |
| System Load | 2,102 | 2,348 | 2,539 | 2,709 | 2,807 | 2,952 | 3,028 | 3,054 | 3,078 | 3,099 |
| Light Load | 1,925 | 2,150 | 2,326 | 2,481 | 2,571 | 2,704 | 2,775 | 2,798 | 2,820 | 2,840 |
| Heavy Load | 2,238 | 2,500 | 2,705 | 2,884 | 2,988 | 3,135 | 3,216 | 3,243 | 3,269 | 3,292 |
| Total Load | 2,102 | 2,348 | 2,539 | 2,709 | 2,807 | 2,952 | 3,028 | 3,054 | 3,078 | 3,099 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | |
| System Peak (1 hour) | 3,934 | 4,220 | 4,458 | 4,658 | 4,772 | 4,949 | 5,043 | 5,082 | 5,121 | 5,162 |
| Total Peak Load | 3,934 | 4,220 | 4,458 | 4,658 | 4,772 | 4,949 | 5,043 | 5,082 | 5,121 | 5,162 |

Sales and Load Forecast Data

| | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Billed Sales (MWh) 50th Percentile | | | | | | | | | | |
| Residential | 6,598,321 | 6,662,061 | 6,693,360 | 6,732,011 | 6,775,167 | 6,772,775 | 6,782,410 | 6,815,721 | 6,851,823 | 6,861,238 |
| Commercial | 5,031,792 | 5,093,034 | 5,153,165 | 5,210,038 | 5,272,227 | 5,333,088 | 5,391,738 | 5,451,630 | 5,507,435 | 5,566,768 |
| Irrigation | 2,026,499 | 2,038,181 | 2,049,415 | 2,060,476 | 2,071,375 | 2,082,160 | 2,092,884 | 2,103,191 | 2,113,309 | 2,123,272 |
| Industrial | 2,590,504 | 2,607,025 | 2,622,184 | 2,639,986 | 2,659,085 | 2,681,305 | 2,703,785 | 2,727,276 | 2,751,945 | 2,784,339 |
| Additional Firm | 9,346,192 | 9,332,778 | 9,331,518 | 9,331,545 | 9,346,375 | 9,389,019 | 9,389,536 | 9,389,548 | 9,402,621 | 9,388,289 |
| System Load | 25,593,308 | 25,733,079 | 25,849,643 | 25,974,055 | 26,124,230 | 26,258,347 | 26,360,353 | 26,487,365 | 26,627,133 | 26,723,907 |
| Total Load | 25,593,308 | 25,733,079 | 25,849,643 | 25,974,055 | 26,124,230 | 26,258,347 | 26,360,353 | 26,487,365 | 26,627,133 | 26,723,907 |
| Generation Month Sales (MWh) 50th Percentile | | | | | | | | | | |
| Residential | 6,602,613 | 6,663,586 | 6,693,135 | 6,734,080 | 6,774,693 | 6,772,536 | 6,783,758 | 6,817,096 | 6,853,111 | 6,861,956 |
| Commercial | 5,036,157 | 5,096,595 | 5,156,536 | 5,212,947 | 5,276,606 | 5,336,564 | 5,395,287 | 5,454,129 | 5,511,761 | 5,566,716 |
| Irrigation | 2,026,511 | 2,038,193 | 2,049,426 | 2,060,487 | 2,071,386 | 2,082,171 | 2,092,894 | 2,103,201 | 2,113,320 | 2,123,278 |
| Industrial | 2,592,551 | 2,608,311 | 2,623,695 | 2,640,944 | 2,661,633 | 2,683,213 | 2,705,779 | 2,728,684 | 2,755,380 | 2,784,339 |
| Additional Firm | 9,346,192 | 9,332,778 | 9,331,518 | 9,331,545 | 9,346,375 | 9,389,019 | 9,389,536 | 9,389,548 | 9,402,621 | 9,388,289 |
| System Sales | 25,604,024 | 25,739,463 | 25,854,309 | 25,980,002 | 26,130,694 | 26,263,503 | 26,367,254 | 26,492,658 | 26,636,193 | 26,724,578 |
| Total Sales | 25,604,024 | 25,739,463 | 25,854,309 | 25,980,002 | 26,130,694 | 26,263,503 | 26,367,254 | 26,492,658 | 26,636,193 | 26,724,578 |
| Loss | 1,755,689 | 1,764,811 | 1,772,803 | 1,781,524 | 1,792,279 | 1,798,931 | 1,805,886 | 1,814,450 | 1,824,629 | 1,829,999 |
| Required Supply | 27,359,714 | 27,504,274 | 27,627,113 | 27,761,527 | 27,922,972 | 28,062,434 | 28,173,140 | 28,307,107 | 28,460,822 | 28,554,577 |
| Average Load (aMW) 50th Percentile | | | | | | | | | | |
| Residential | 752 | 761 | 764 | 769 | 771 | 773 | 774 | 778 | 780 | 783 |
| Commercial | 573 | 582 | 589 | 595 | 601 | 609 | 616 | 623 | 627 | 635 |
| Irrigation | 231 | 233 | 234 | 235 | 236 | 238 | 239 | 240 | 241 | 242 |
| Industrial | 295 | 298 | 300 | 301 | 303 | 306 | 309 | 311 | 314 | 318 |
| Additional Firm | 1,064 | 1,065 | 1,065 | 1,065 | 1,064 | 1,072 | 1,072 | 1,072 | 1,070 | 1,072 |
| Loss | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 |
| System Load | 3,115 | 3,140 | 3,154 | 3,169 | 3,179 | 3,203 | 3,216 | 3,231 | 3,240 | 3,260 |
| Light Load | 2,854 | 2,877 | 2,890 | 2,904 | 2,912 | 2,935 | 2,947 | 2,961 | 2,968 | 2,987 |
| Heavy Load | 3,308 | 3,334 | 3,350 | 3,366 | 3,377 | 3,402 | 3,416 | 3,432 | 3,442 | 3,462 |
| Total Load | 3,115 | 3,140 | 3,154 | 3,169 | 3,179 | 3,203 | 3,216 | 3,231 | 3,240 | 3,260 |
| Peak Load (MW) 50th Percentile | | | | | | | | | | |
| System Peak (1 hour) | 5,201 | 5,242 | 5,275 | 5,311 | 5,345 | 5,384 | 5,418 | 5,452 | 5,484 | 5,517 |
| Total Peak Load | 5,201 | 5,242 | 5,275 | 5,311 | 5,345 | 5,384 | 5,418 | 5,452 | 5,484 | 5,517 |

DEMAND-SIDE RESOURCE DATA

DSM Financial Assumptions

Avoided Levelized Capacity Costs

Simple Cycle Combustion Turbine (SCCT) \$157.58/kW-year

Financial Assumptions

Discount rate (weighted average cost of capital) 6.62%

Financial escalation factor 2.40%

Avoided Losses

Energy Efficiency 6.00%

DR 6.50%

Avoided Cost Averages (\$/MWh)

| Year | Summer High-Risk | Summer Medium- Risk | Summer Low-Risk | Winter High- Risk | Winter Medium- Risk | Winter Low-Risk | Off Season Low-Risk |
|------|---------------------|---------------------------|--------------------|-------------------------|---------------------------|--------------------|---------------------------|
| 2026 | \$58.94 | \$50.11 | \$39.24 | \$55.10 | \$52.58 | \$45.63 | \$35.51 |
| 2027 | \$51.24 | \$42.43 | \$35.55 | \$59.89 | \$58.00 | \$51.09 | \$37.94 |
| 2028 | \$49.02 | \$40.92 | \$34.37 | \$55.58 | \$53.54 | \$46.44 | \$35.35 |
| 2029 | \$55.26 | \$44.36 | \$38.04 | \$52.27 | \$51.15 | \$44.92 | \$32.35 |
| 2030 | \$50.60 | \$39.97 | \$36.44 | \$51.52 | \$50.42 | \$45.05 | \$29.99 |
| 2031 | \$46.33 | \$33.44 | \$29.27 | \$44.38 | \$43.38 | \$36.28 | \$22.12 |
| 2032 | \$43.02 | \$29.67 | \$28.49 | \$43.06 | \$41.68 | \$35.31 | \$20.45 |
| 2033 | \$37.62 | \$24.43 | \$25.06 | \$36.57 | \$35.13 | \$31.12 | \$17.99 |
| 2034 | \$36.41 | \$23.42 | \$26.42 | \$35.20 | \$33.72 | \$30.37 | \$16.70 |
| 2035 | \$36.02 | \$23.69 | \$24.45 | \$36.13 | \$34.68 | \$31.73 | \$16.34 |
| 2036 | \$34.83 | \$23.75 | \$25.20 | \$36.75 | \$35.02 | \$29.53 | \$14.44 |
| 2037 | \$30.90 | \$22.75 | \$22.84 | \$33.43 | \$32.03 | \$28.07 | \$13.55 |
| 2038 | \$29.11 | \$21.64 | \$24.49 | \$30.26 | \$28.88 | \$26.46 | \$12.74 |
| 2039 | \$26.30 | \$14.81 | \$18.59 | \$28.77 | \$27.91 | \$25.32 | \$9.49 |
| 2040 | \$22.76 | \$11.71 | \$16.16 | \$27.89 | \$26.94 | \$25.01 | \$8.38 |
| 2041 | \$21.65 | \$10.31 | \$16.22 | \$26.00 | \$25.11 | \$22.22 | \$7.77 |
| 2042 | \$21.48 | \$10.96 | \$15.45 | \$26.43 | \$25.77 | \$20.76 | \$7.82 |
| 2043 | \$21.42 | \$12.12 | \$16.59 | \$26.88 | \$26.21 | \$22.00 | \$8.34 |
| 2044 | \$16.67 | \$8.50 | \$14.53 | \$23.72 | \$23.26 | \$21.66 | \$7.47 |
| 2045 | \$18.39 | \$10.19 | \$15.19 | \$24.27 | \$23.75 | \$22.16 | \$9.17 |

The time periods used to develop the avoided cost averages shown in the table above align with Idaho Power's highest-risk hours described in the Loss of Load Expectation section.

Bundle Amounts

Incremental Achievable Potential (aMW)

| Bundle | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Summer Low | 25.07 | 23.64 | 22.87 | 22.38 | 21.14 | 18.53 | 16.64 | 14.92 | 13.24 | 11.47 |
| Summer Medium | 5.91 | 7.22 | 8.68 | 10.31 | 11.99 | 13.21 | 14.26 | 15.29 | 15.53 | 15.69 |
| Summer High | 19.53 | 20.96 | 21.45 | 25.08 | 27.29 | 27.93 | 28.03 | 27.13 | 25.51 | 23.03 |
| Winter Low | 10.03 | 9.64 | 9.65 | 9.67 | 9.10 | 7.95 | 7.18 | 6.48 | 5.85 | 5.34 |
| Winter Medium | 18.92 | 18.64 | 18.48 | 18.78 | 17.89 | 15.67 | 13.97 | 12.82 | 11.61 | 10.38 |
| Winter High | 7.93 | 7.49 | 7.31 | 7.30 | 7.08 | 6.51 | 6.11 | 5.82 | 5.54 | 5.26 |

| Bundle | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Summer Low | 10.16 | 8.74 | 7.68 | 6.82 | 6.28 | 4.85 | 4.73 | 4.53 | 4.50 | 3.61 |
| Summer Medium | 16.02 | 15.54 | 15.16 | 14.62 | 13.82 | 14.33 | 13.38 | 12.40 | 11.51 | 9.16 |
| Summer High | 20.59 | 18.17 | 16.34 | 13.25 | 12.21 | 11.20 | 11.13 | 10.35 | 9.57 | 7.81 |
| Winter Low | 4.71 | 4.25 | 3.99 | 3.67 | 3.41 | 2.73 | 3.02 | 2.84 | 2.65 | 2.15 |
| Winter Medium | 9.38 | 8.53 | 7.88 | 7.38 | 6.99 | 5.89 | 6.05 | 6.04 | 6.01 | 5.18 |
| Winter High | 4.97 | 4.63 | 4.31 | 4.08 | 3.79 | 3.31 | 3.13 | 3.01 | 2.89 | 1.64 |

Bundle Costs

Savings Weighted Levelized Cost of Energy (\$/MWh) Real Dollars

| Bundle | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Summer Low | \$83 | \$86 | \$89 | \$91 | \$92 | \$93 | \$94 | \$93 | \$93 | \$94 |
| Summer Medium | \$165 | \$171 | \$177 | \$182 | \$186 | \$188 | \$191 | \$193 | \$194 | \$196 |
| Summer High | \$2,824 | \$2,231 | \$1,814 | \$1,604 | \$1,496 | \$1,385 | \$1,265 | \$1,167 | \$1,098 | \$1,058 |
| Winter Low | \$64 | \$64 | \$65 | \$65 | \$66 | \$66 | \$67 | \$67 | \$67 | \$67 |
| Winter Medium | \$132 | \$131 | \$132 | \$134 | \$135 | \$134 | \$134 | \$133 | \$132 | \$133 |
| Winter High | \$1,949 | \$1,585 | \$1,278 | \$1,109 | \$1,012 | \$972 | \$898 | \$822 | \$759 | \$738 |

| Bundle | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 |
|---------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Summer Low | \$96 | \$97 | \$98 | \$99 | \$100 | \$101 | \$101 | \$101 | \$101 | \$100 |
| Summer Medium | \$199 | \$200 | \$202 | \$205 | \$208 | \$210 | \$212 | \$213 | \$216 | \$219 |
| Summer High | \$1,035 | \$997 | \$979 | \$966 | \$957 | \$938 | \$864 | \$860 | \$854 | \$848 |
| Winter Low | \$67 | \$67 | \$67 | \$65 | \$65 | \$64 | \$62 | \$61 | \$61 | \$60 |
| Winter Medium | \$135 | \$136 | \$137 | \$139 | \$140 | \$141 | \$139 | \$139 | \$140 | \$143 |
| Winter High | \$699 | \$630 | \$615 | \$607 | \$605 | \$610 | \$620 | \$627 | \$632 | \$637 |

SUPPLY-SIDE RESOURCE DATA

Key Financial and Forecast Assumptions

| Financing Cap Structure and Cost | |
|---|----------------|
| Composition | |
| Debt | 50.00% |
| Preferred | 0.00% |
| Common | 50.00% |
| Total | 100.00% |
| Cost | |
| Debt | 4.895% |
| Preferred | 0.00% |
| Common | 9.600% |
| Average Weighted Cost | 7.248% |

| Financial Assumptions and Factors | |
|---|-----------------------------------|
| Plant operating (book) life | Expected Life of the Asset |
| Discount rate (weighted average cost of capital) ¹ | 6.62% |
| Composite tax rate | 25.74% |
| Deferred rate | 21.30% |
| General O&M escalation rate | 2.40% |
| Annual property tax rate (% of investment) | 0.38% |
| B2H annual property tax rate (% of investment) | 0.66% |
| Property tax escalation rate | 3.00% |
| B2H property tax escalation rate | 3.90% |
| Annual insurance premiums (% of investment) | 0.052% |
| B2H annual insurance premiums (% of investment) | 0.003% |
| Insurance escalation rate | 1.00% |
| B2H insurance escalation rate | 1.00% |
| AFUDC rate (annual) | 7.40% |

¹ Incorporates tax effects.

Cost Inputs and Operating Assumptions (Costs in 2026\$)

| Supply-Side Resources | Nameplate (Plant Capacity) (MW) | Overnight Plant Capital (\$/kW) | Transmission/ Interconnectio n Capital (\$/kW) | Total Capital (\$/kW) | Fixed O&M (\$/kW-month) | Non-Fuel Variable O&M (\$/MWh) | Heat Rate (Btu/kWh) | Economic Life (years) |
|--|---------------------------------------|---------------------------------------|---|--------------------------|----------------------------|--------------------------------------|------------------------|--------------------------|
| Combined Cycle Combustion Turbine (CCCT) | 300 | \$1,650 | \$191 | \$1,841 | \$1.60 | \$3.40 | 6,431 | 30 |
| Simple Cycle Combustion Turbine (SCCT) | 150 | \$1,200 | \$191 | \$1,391 | \$0.80 | \$6.00 | 9,905 | 30 |
| Reciprocating Gas Engine (Recip) | 50 | \$2,460 | \$127 | \$2,587 | \$1.20 | \$5.50 | 7,600 | 40 |
| Hydrogen Combustion Turbine | 150 | \$1,470 | \$191 | \$1,661 | \$0.80 | \$6.00 | 9,905 | 30 |
| Small Modular Reactor | 100 | \$10,310 | \$191 | \$10,501 | \$14.60 | \$3.40 | 9,180 | 60 |
| Geothermal | 30 | \$9,450 | \$127 | \$9,577 | \$18.50 | — | — | 30 |
| Solar PV | 100 | \$1,490 | \$191 | \$1,681 | \$2.00 | — | — | 30 |
| Wind | 100 | \$2,690 | \$191 | \$2,881 | \$2.90 | — | — | 30 |
| Battery (4 hour) | 50 | \$1,400 | \$127 | \$1,527 | \$3.70 | — | — | 20 |
| Battery (4 hour)—Distribution Connected | 5 | \$1,400 | \$127 | \$1,527 | \$3.70 | — | — | 20 |
| Battery (8 hour) | 50 | \$2,530 | \$127 | \$2,657 | \$6.60 | — | — | 20 |
| Pumped Hydro (12 hour) | 250 | \$4,190 | \$187 | \$4,377 | \$2.00 | \$0.70 | — | 100 |
| Iron Oxide Battery (100 hour) | 50 | \$3,000 | \$127 | \$3,127 | \$1.70 | — | — | 15 |

Supply-Side Resource Escalation Factors¹ (2026–2035)

| Supply-Side Resources | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 |
|--|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|
| Combined Cycle Combustion Turbine (CCCT) | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 1.61% | 1.68% | 1.60% | 1.59% | 1.66% |
| Simple Cycle Combustion Turbine (SCCT) | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 1.55% | 1.55% | 1.54% | 1.53% | 1.52% |
| Reciprocating Gas Engine (Recip) | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 1.55% | 1.55% | 1.54% | 1.53% | 1.52% |
| Hydrogen Combustion Turbine | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 1.55% | 1.55% | 1.54% | 1.53% | 1.52% |
| Small Modular Reactor | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | -1.35% | -1.50% | -1.65% | -1.83% | -2.01% |
| Geothermal | -0.28% | -0.05% | 0.14% | 0.31% | 0.45% | 0.57% | 0.68% | 0.78% | 0.87% | 0.94% |
| Solar PV | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | -0.68% | -0.78% | -0.89% | -1.00% | -1.12% |
| Wind | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 1.30% | 1.28% | 1.27% | 1.26% | 1.24% |
| Battery (4 hour) | 3.40% | 3.40% | 2.40% | 2.40% | 2.40% | 0.86% | 0.83% | 0.81% | 0.78% | 0.76% |
| Battery (4 hour)—Distribution Connected | 3.40% | 3.40% | 2.40% | 2.40% | 2.40% | 0.86% | 0.83% | 0.81% | 0.78% | 0.76% |
| Battery (8 hour) | 3.40% | 3.40% | 2.40% | 2.40% | 2.40% | 0.74% | 0.71% | 0.68% | 0.65% | 0.62% |
| Pumped Hydro (12 hour) | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% |
| Iron Oxide Battery (100 hour) | 3.40% | 3.40% | 2.40% | 2.40% | 2.40% | 0.74% | 0.71% | 0.68% | 0.65% | 0.62% |

¹Factors include the 2025 IRP general O&M escalation rate assumption of 2.4%.

Supply-Side Resource Escalation Factors¹ (2036–2045)

| Supply-Side Resources | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Combined Cycle Combustion Turbine (CCCT) | 1.58% | 1.58% | 1.49% | 1.56% | 1.55% | 1.55% | 1.54% | 1.53% | 1.52% | 1.52% |
| Simple Cycle Combustion Turbine (SCCT) | 1.52% | 1.52% | 1.50% | 1.49% | 1.48% | 1.48% | 1.47% | 1.46% | 1.45% | 1.45% |
| Reciprocating Gas Engine (Recip) | 1.52% | 1.52% | 1.50% | 1.49% | 1.48% | 1.48% | 1.47% | 1.46% | 1.45% | 1.45% |
| Hydrogen Combustion Turbine | 1.52% | 1.52% | 1.50% | 1.49% | 1.48% | 1.48% | 1.47% | 1.46% | 1.45% | 1.45% |
| Small Modular Reactor | -1.45% | -1.60% | -1.77% | -1.95% | -2.15% | -0.46% | -0.54% | -0.63% | -0.73% | -0.83% |
| Geothermal | 1.90% | 1.90% | 1.90% | 1.90% | 1.90% | 1.90% | 1.90% | 1.90% | 1.90% | 1.90% |
| Solar PV | 0.50% | 0.47% | 0.43% | 0.39% | 0.35% | 0.31% | 0.26% | 0.21% | 0.17% | 0.11% |
| Wind | 1.23% | 1.22% | 1.20% | 1.19% | 1.17% | 1.16% | 1.14% | 1.13% | 1.11% | 1.09% |
| Battery (4 hour) | 0.73% | 0.70% | 0.67% | 0.64% | 0.61% | 0.58% | 0.54% | 0.51% | 0.47% | 0.43% |
| Battery (4 hour)—Distribution Connected | 0.73% | 0.70% | 0.67% | 0.64% | 0.61% | 0.58% | 0.54% | 0.51% | 0.47% | 0.43% |
| Battery (8 hour) | 0.59% | 0.56% | 0.53% | 0.49% | 0.46% | 0.42% | 0.38% | 0.34% | 0.30% | 0.25% |
| Pumped Hydro (12 hour) | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% | 2.40% |
| Iron Oxide Battery (100 hour) | 0.59% | 0.56% | 0.53% | 0.49% | 0.46% | 0.42% | 0.38% | 0.34% | 0.30% | 0.25% |

¹Factors include the 2025 IRP general O&M escalation rate assumption of 2.4%.

Levelized Capacity (Fixed) Cost per kW/Month (Costs in 2026\$)

| Supply-Side Resources | Cost of Capital ¹ | Non-Fuel O&M ² | Total Cost per kW ³ |
|--|------------------------------|---------------------------|--------------------------------|
| Combined Cycle Combustion Turbine (CCCT) | \$16 | \$3 | \$19 |
| Simple Cycle Combustion Turbine (SCCT) | \$11 | \$2 | \$13 |
| Reciprocating Gas Engine (Recip) | \$20 | \$3 | \$23 |
| Hydrogen Combustion Turbine | \$12 | \$2 | \$14 |
| Small Modular Reactor | \$68 | \$29 | \$97 |
| Geothermal | \$67 | \$31 | \$98 |
| Solar PV | \$7 | \$4 | \$11 |
| Wind | \$17 | \$5 | \$22 |
| Battery (4 hour) | \$11 | \$5 | \$16 |
| Battery (4 hour)—Distribution Connected | \$11 | \$5 | \$16 |
| Battery (8 hour) | \$19 | \$9 | \$28 |
| Pumped Hydro (12 hour) | \$31 | \$6 | \$37 |
| Iron Oxide Battery (100 hour) | \$25 | \$3 | \$28 |

¹ Cost of Capital includes tax credit benefits (ITC/PTC).

² Non-Fuel O&M includes fixed and property taxes.

³ Rounding may make sum of Cost of Capital and Non-Fuel O&M costs not match Total Cost per kW.

Renewable Energy Certificate Forecast

| Year | Nominal (\$/MWh) |
|------|------------------|
| 2026 | \$9.51 |
| 2027 | \$10.33 |
| 2028 | \$10.93 |
| 2029 | \$11.53 |
| 2030 | \$12.00 |
| 2031 | \$12.47 |
| 2032 | \$12.94 |
| 2033 | \$13.41 |
| 2034 | \$13.88 |
| 2035 | \$14.35 |
| 2036 | \$14.83 |
| 2037 | \$15.31 |
| 2038 | \$15.78 |
| 2039 | \$16.26 |
| 2040 | \$16.73 |
| 2041 | \$17.41 |
| 2042 | \$18.08 |
| 2043 | \$18.76 |
| 2044 | \$19.43 |
| 2045 | \$20.11 |

EXISTING RESOURCE DATA

Qualifying Facility Data (PURPA)

Cogeneration & Small Power Production Projects
Status as of April 1, 2025

Hydro Projects

| Project | MW | Contract | | Project | MW | Contract | |
|---------------------------|------|--------------|----------|------------------------------|------|--------------|----------|
| | | On-line Date | End Date | | | On-line Date | End Date |
| Arena Drop | 0.45 | Sep-2010 | Sep-2030 | Little Wood River Ranch 1 | 1.01 | Aug-2021 | Aug-2041 |
| Baker City Hydro | 0.24 | Sep-2015 | Sep-2030 | Little Wood River Ranch II | 1.25 | Oct-2015 | Oct-2035 |
| Barber Dam Hydro | 3.70 | Apr-2024 | Apr-2044 | Little Wood River Reservoir | 2.85 | Mar-2020 | Mar-2040 |
| Birch Creek Hydro Project | 0.07 | Nov-2019 | Nov-2039 | Low Line Canal Hydro Project | 8.20 | May-2020 | May-2040 |
| Black Canyon #3 | 0.13 | Apr-2019 | Apr-2039 | Low Line Midway Hydro | 2.50 | Aug-2007 | Aug-2027 |
| Black Canyon Bliss Hydro | 0.03 | Oct-2015 | Oct-2035 | Lowline #2 | 2.79 | May-2023 | May-2043 |
| Blind Canyon | 1.63 | Dec-2014 | Dec-2034 | Magic Reservoir Hydro | 9.00 | Jun-2024 | Jun-2044 |
| Box Canyon | 0.30 | Feb-2019 | Feb-2039 | Malad River | 1.17 | May-2019 | May-2039 |
| Briggs Creek | 0.60 | Oct-2020 | Oct-2040 | Marco Ranches | 1.20 | Aug-2020 | Aug-2040 |
| Bypass | 9.96 | Jun-2023 | Jun-2043 | MC6 Hydro | 2.30 | Apr-2021 | Sep-2040 |
| Canyon Springs | 0.11 | Jan-2019 | Jan-2039 | Mile 28 | 1.50 | Jun-1994 | Jun-2029 |
| Cedar Draw | 1.55 | Jun-2019 | Jun-2039 | Mitchell Butte | 2.09 | May-1989 | Dec-2034 |
| Clear Springs Trout | 0.56 | Nov-2018 | Nov-2038 | Mora Drop | 1.85 | Sep-2006 | Sep-2026 |
| Coleman Hydro | 0.80 | Oct-2023 | Oct-2043 | Mud Creek S and S | 0.52 | Feb-2017 | Feb-2037 |
| Crystal Springs | 2.55 | Apr-2021 | Apr-2041 | Mud Creek/White | 0.29 | Jan-2021 | Jan-2041 |
| Curry Cattle Company | 0.25 | Jun-2018 | Jun-2033 | North Gooding Main Hydro | 1.30 | Oct-2016 | Oct-2036 |
| Dietrich Drop | 4.77 | Sep-2023 | Sep-2043 | Owyhee Dam CSPP | 5.00 | Aug-1985 | May-2034 |
| Eightmile Hydro Project | 0.36 | Oct-2014 | Oct-2034 | Pigeon Cove | 1.75 | Nov-2019 | Nov-2039 |
| Elk Creek Hydro | 2.35 | Jun-2021 | Jun-2041 | Pristine Springs #1 | 0.13 | May-2020 | May-2040 |
| Fall River | 9.10 | Aug-1993 | Aug-2028 | Pristine Springs #3 | 0.20 | May-2020 | May-2040 |
| Fargo Drop Hydroelectric | 1.27 | Apr-2013 | Apr-2033 | Reynolds Irrigation | 0.35 | Sep-2021 | Sep-2041 |
| Faulkner Ranch Hydro | 0.87 | Aug-2022 | Aug-2042 | Rock Creek #1 | 2.17 | Jan-2018 | Jan-2038 |
| Fisheries Dev. | 0.26 | Jul-1990 | Jul-2040 | Rock Creek II | 1.90 | Jun-2024 | Jun-2044 |
| Geo-Bon #2 | 1.06 | Nov-2021 | Nov-2041 | Sagebrush Hydro Project | 0.58 | Jun-2021 | Jun-2040 |
| Hailey CSPP | 0.04 | Jun-2020 | Jun-2030 | Sahko Hydro | 0.50 | Feb-2021 | Feb-2041 |
| Hazelton A | 8.69 | Mar-2011 | Feb-2026 | Shingle Creek | 0.22 | Aug-2022 | Aug-2027 |
| Hazelton B | 7.60 | May-1993 | May-2028 | Shoshone #2 | 0.58 | May-1996 | May-2031 |
| Head of U Canal Project | 1.28 | Jun-2015 | Jun-2035 | Shoshone Hydro | 0.36 | Feb-2017 | Feb-2037 |
| Horseshoe Bend Hydro | 9.50 | Sep-1995 | Sep-2030 | Snake River Pottery | 0.09 | Dec-2019 | Dec-2027 |
| Jim Knight | 0.48 | May-2021 | May-2040 | Snedigar | 0.50 | Jan-2020 | Jan-2040 |
| Koyle Small Hydro | 1.25 | Apr-2019 | Apr-2039 | Trout-Co | 0.28 | Dec-2021 | Dec-2041 |
| Lateral #10 | 2.06 | May-2020 | May-2040 | Tunnel #1 | 7.00 | Jun-1993 | Jun-2036 |
| Lemhi Hydro | 0.45 | Aug-2021 | Aug-2041 | White Water Ranch | 0.16 | Aug-2020 | Aug-2040 |
| LeMoyne Hydro | 0.08 | Jun-2020 | Jun-2030 | Wilson Lake Hydro | 8.40 | May-1993 | May-2028 |

Total Hydro Nameplate Rating 144.35 MW

Cogeneration/THERMAL Projects

| Project | Contract | | |
|--|----------|--------------|-----------|
| | MW | On-line Date | End Date |
| Pico Energy, LLC | 2.13 | Aug-2020 | Aug-2030 |
| Simplot Pocatello Cogen | 15.90 | Mar-2025 | Mar-2030 |
| TASCO—Nampa Natural Gas | 2.00 | Sep-2003 | Sept-2040 |
| TASCO—Twin Falls Natural Gas | 3.00 | Aug-2001 | Jan-2040 |
| Total Thermal Nameplate Rating 23.03 MW | | | |

Biomass Projects

| Project | Contract | | | Project | Contract | | |
|--|----------|--------------|----------|-----------------|----------|--------------|-----------|
| | MW | On-line Date | End Date | | MW | On-line Date | End Date |
| Bannock County Landfill | 3.20 | May-2014 | May-2034 | Pocatello Waste | 0.50 | Jan-2021 | Jan-2041 |
| Fighting Creek Landfill Gas to Energy Station | 3.06 | Apr-2014 | Apr-2029 | SISW LFGE | 3.92 | Sept-2018 | Sept-2038 |
| Hidden Hollow Landfill Gas | 3.20 | Jan-2007 | Jan-2027 | Tamarack CSPP | 6.25 | Jun-2018 | Jun-2038 |
| Total Biomass Nameplate Rating 20.13 MW | | | | | | | |

Solar Projects

| Project | Contract | | | Project | Contract | | |
|---|----------|--------------|----------|------------------------------|----------|--------------|----------|
| | MW | On-line Date | End Date | | MW | On-line Date | End Date |
| American Falls Solar II, LLC | 20.00 | Mar-2017 | Mar-2037 | Murphy Flat Power, LLC | 20.00 | Apr-2017 | Apr-2037 |
| American Falls Solar, LLC | 20.00 | Mar-2017 | Mar-2037 | Ontario Solar Center | 3.00 | Mar-2020 | Mar-2040 |
| Baker Solar Center | 15.00 | Feb-2020 | Feb-2040 | Open Range Solar Center, LLC | 10.00 | Oct-2016 | Oct-2036 |
| Brush Solar | 2.75 | Dec-2019 | Dec-2039 | Orchard Ranch Solar, LLC | 20.00 | Mar-2017 | Mar-2037 |
| Grand View PV Solar Two | 80.00 | Dec-2016 | Dec-2036 | Railroad Solar Center, LLC | 4.50 | Dec-2016 | Dec-2036 |
| Grove Solar Center, LLC | 6.00 | Oct-2016 | Oct-2036 | Simcoe Solar, LLC | 20.00 | Mar-2017 | Mar-2037 |
| Hyline Solar Center, LLC | 9.00 | Nov-2016 | Nov-2036 | Thunderegg Solar Center, LLC | 10.00 | Nov-2016 | Nov-2036 |
| ID Solar 1 | 40.00 | Aug-2016 | Jan-2036 | Vale Air Solar Center, LLC | 10.00 | Nov-2016 | Nov-2036 |
| Morgan Solar | 3.00 | Apr-2020 | Apr-2040 | Vale I Solar | 3.00 | Jul-2020 | Jul-2040 |
| Mt. Home Solar 1, LLC | 20.00 | Mar-2017 | Mar-2037 | | | | |
| Total Solar Nameplate Rating 316.25 MW | | | | | | | |

Wind Projects

| Project | Contract | | | Project | Contract | | |
|-------------------------|----------|--------------|----------|---------------------------------|----------|--------------|----------|
| | MW | On-line Date | End Date | | MW | On-line Date | End Date |
| Bennett Creek Wind Farm | 21.00 | Dec-2008 | Dec-2028 | Mainline Windfarm | 23.00 | Dec-2012 | Dec-2032 |
| Benson Creek Windfarm | 10.00 | Mar-2017 | Mar-2037 | Milner Dam Wind | 19.92 | Feb-2011 | Feb-2031 |
| Burley Butte Wind Park | 21.30 | Feb-2011 | Feb-2031 | Oregon Trail Wind Park | 13.50 | Jan-2011 | Jan-2031 |
| Camp Reed Wind Park | 22.50 | Dec-2010 | Dec-2030 | Payne's Ferry Wind Park | 21.00 | Dec-2010 | Dec-2030 |
| Cassia Wind Farm LLC | 8.40 | Mar-2009 | Mar-2029 | Pilgrim Stage Station Wind Park | 10.50 | Jan-2011 | Jan-2031 |
| Cold Springs Windfarm | 23.00 | Dec-2012 | Dec-2032 | Prospector Windfarm | 10.00 | Mar-2017 | Mar-2037 |
| Desert Meadow Windfarm | 23.00 | Dec-2012 | Dec-2032 | Rockland Wind Farm | 80.00 | Dec-2011 | Dec-2036 |
| Durbin Creek Windfarm | 10.00 | Mar-2017 | Mar-2037 | Ryegrass Windfarm | 23.00 | Dec-2012 | Dec-2032 |
| Fossil Gulch Wind | 10.50 | Sep-2005 | Sep-2025 | Salmon Falls Wind | 22.00 | Apr-2011 | Apr-2031 |
| Golden Valley Wind Park | 12.00 | Feb-2011 | Feb-2031 | Sawtooth Wind Project | 22.00 | Nov-2011 | Nov-2031 |
| Hammett Hill Windfarm | 23.00 | Dec-2012 | Dec-2032 | Thousand Springs Wind Park | 12.00 | Jan-2011 | Jan-2031 |
| High Mesa Wind Project | 40.00 | Dec-2012 | Dec-2032 | Tuana Gulch Wind Park | 10.50 | Jan-2011 | Jan-2031 |
| Horseshoe Bend Wind | 9.00 | Feb-2006 | Feb-2026 | Tuana Springs Expansion | 35.70 | May-2010 | May-2030 |
| Hot Springs Wind Farm | 21.00 | Dec-2008 | Dec-2028 | Two Ponds Windfarm | 23.00 | Dec-2012 | Dec-2032 |
| Jett Creek Windfarm | 10.00 | Mar-2017 | Mar-2037 | Willow Spring Windfarm | 10.00 | Mar-2017 | Mar-2037 |
| Lime Wind Energy | 3.00 | Dec-2011 | Dec-2031 | Yahoo Creek Wind Park | 21.00 | Dec-2010 | Dec-2030 |

Total Wind Nameplate Rating 624.82 MW

Total Nameplate Rating 1,128.58 MW

The above is a summary of the nameplate rating for the CSPP projects under contract with Idaho Power as of April 1, 2025. In the case of CSPP projects, nameplate rating of the actual generation units is not an accurate or reasonable estimate of the actual energy these projects will deliver to Idaho Power. Historical generation information, resource specific industry standard capacity factors, and other known and measurable operating characteristics are accounted for in determining a reasonable estimate of the energy these projects will produce.

Qualifying Facilities Forecast (average MW nameplate)

| Year | Solar | Wind | Biomass | Thermal | Cogen | Hydro |
|------|-------|------|---------|---------|-------|-------|
| 2026 | 322 | 620 | 20 | 5 | 18 | 144 |
| 2027 | 327 | 619 | 17 | 5 | 19 | 145 |
| 2028 | 333 | 617 | 17 | 5 | 19 | 145 |
| 2029 | 338 | 604 | 16 | 5 | 20 | 145 |
| 2030 | 344 | 596 | 15 | 5 | 20 | 146 |
| 2031 | 349 | 539 | 15 | 5 | 20 | 146 |
| 2032 | 354 | 524 | 15 | 5 | 21 | 147 |
| 2033 | 360 | 437 | 15 | 5 | 21 | 147 |
| 2034 | 365 | 426 | 13 | 5 | 22 | 148 |
| 2035 | 370 | 361 | 12 | 5 | 22 | 148 |
| 2036 | 365 | 353 | 12 | 5 | 23 | 149 |
| 2037 | 314 | 274 | 12 | 5 | 23 | 149 |
| 2038 | 307 | 265 | 8 | 5 | 23 | 150 |
| 2039 | 279 | 213 | 4 | 5 | 24 | 150 |
| 2040 | 269 | 209 | 4 | 2 | 24 | 151 |
| 2041 | 248 | 170 | 3 | 0 | 25 | 151 |
| 2042 | 246 | 166 | 3 | 0 | 25 | 151 |
| 2043 | 232 | 137 | 3 | 0 | 26 | 152 |
| 2044 | 232 | 135 | 3 | 0 | 26 | 152 |
| 2045 | 223 | 113 | 3 | 0 | 26 | 152 |

Power Purchase Agreement Data

| Project | MW | On-Line Date | Contract End Date |
|--|--------------|-------------------|-------------------|
| Wind Projects | | | |
| Elkhorn Wind Project | 101 | Dec-2007 | Dec-2027 |
| Jackalope Wind Project (PPA and Idaho Power-Owned) | 600 | Expected Jun-2027 | 35-year PPA term |
| Total Wind Nameplate Rating | 701 | | |
| Geothermal Projects | | | |
| Raft River Unit 1 | 13 | Apr-2008 | Apr-2033 |
| Neal Hot Springs | 22 | Nov-2012 | Nov-2037 |
| Total Geothermal Nameplate Rating | 35 | | |
| Solar Projects | | | |
| Black Mesa Solar | 40 | Jun-2023 | Jun-2043 |
| Franklin Solar | 100 | Jun-2024 | Jun-2049 |
| Jackpot Solar Facility | 120 | Dec-2022 | Dec-2042 |
| Pleasant Valley Solar | 200 | Mar-2025 | Mar-2045 |
| PVS2 Solar | 125 | Expected May-2026 | 20-year PPA term |
| Crimson Orchard Solar (combined project with Crimson Orchard BESS) | 100 | Expected Apr-2027 | 20-year PPA term |
| Blacks Creek Solar | 320 | Expected Dec-2027 | 20-year PPA term |
| Total Solar Nameplate Rating | 1,005 | | |
| Total Nameplate Rating (All Non-PURPA Resource Types) | 1,741 | | |

The above is a summary of the nameplate rating for the projects under contract with Idaho Power as of April 1, 2025. In the case of variable-energy resource projects, nameplate rating of the actual generation units is not an accurate or reasonable estimate of the actual energy these projects will deliver to Idaho Power. Historical generation information, resource specific industry standard capacity factors, and other known and measurable operating characteristics are accounted for in determining a reasonable estimate of the energy these projects will produce.

Battery Energy Storage System (BESS) Data

| Project | MW | On-Line Date | Contract End Date (if applicable) |
|--|------------|-------------------|-----------------------------------|
| BESS Projects—Idaho Power-Owned | | | |
| Distribution BESS Sites | 11 | 2023 | |
| Hemingway | 80 | 2023 | |
| Hemingway Expansion | 36 | 2025 | |
| Black Mesa | 40 | 2023 | |
| Franklin | 60 | 2024 | |
| Happy Valley | 80 | Expected 2025 | |
| Boise Bench | 200 | Expected 2026 | |
| Hemingway Expansion II | 50 | Expected 2026 | |
| Total BESS projects—Idaho Power-Owned | 557 | | |
| BESS Projects—Tolling Agreements | | | |
| Kuna BESS | 150 | Expected Jun-2025 | 20-year agreement term |
| Crimson Orchard BESS (combined project with Crimson Orchard Solar) | 100 | Expected Apr-2027 | 20-year agreement term |
| Total BESS Projects—Tolling Agreements | 250 | | |
| Total BESS Nameplate Rating | 807 | | |

*Black Mesa Solar and BESS, Franklin Solar and BESS, and Crimson Orchard Solar and BESS are combined solar/BESS sites, where both the solar and the BESS facility are located behind a common limited point of interconnection (for Black Mesa, combined limit of 40 MW; for Franklin, combined limit of 100 MW; and for Crimson Orchard, combined limit of 100 MW).

Hydro Flow Modeling

Hydro Models

Idaho Power uses two modeling methods for the development of future hydro flow scenarios for the IRP. The first method accounts for surface water regulation in the system while the second method addresses groundwater processes.

The first modeling method consists of two models built in the Center for Advanced Decision Support for Water and Environmental Systems (CADSWES) RiverWare modeling framework¹. The first of these models covers the spatial extent of the Snake River basin from the headwaters to Brownlee inflow. The second model uses the results of the first and regulates the flows through the Hells Canyon Complex (HCC). The water management models have been updated to include hydrologic conditions for water years 1981 through 2018.

The second modeling method uses the Eastern Snake Plain Aquifer Model (ESPM) from the Idaho Department of Water Resources (IDWR) to model aquifer management practices implemented on the Eastern Snake Plain Aquifer (ESPA). ESPM version 2.2² has been used for this modeling, which is the latest version and was released in 2020.

Hydro Model Inputs

The inputs for the 2025 IRP were derived, in part, from management practices outlined in an agreement between the Surface Water Coalition (SWC) and Idaho Groundwater Appropriators (IGWA). The agreement set out specific targets for several management practices that include aquifer recharge, irrigation system conversions from groundwater to surface water, and a total reduction in groundwater diversions of 240,000 acre-ft annually. The modeling also included inputs from other entities diverting groundwater on the SPA who have separate mitigation agreements with SWC. Model inputs also included a long-term analysis of trends in reach gains to the Snake River from Palisades Dam to King Hill. Weather modification activities conducted by Idaho Power and other collaborative partners were included in the modeling effort. The modeling also included aquifer recharge by the Idaho Water Resource Board (IWRB), which has a stated target of an average annual natural flow recharge of 350,000 acre-ft per year³.

¹ colorado.edu/cadswes/creative-works/riverware

² idwr.idaho.gov/water-data/projects/espam/

³ Idaho Legislative Session – Senate Concurrent Resolution 110 (legislature.idaho.gov/sessioninfo/2025/legislation/SCR110/)

Recharge capacity modeled for the 2025 IRP included diversions with the capability of diverting all available water at the Snake River below Milner Dam during the winter months under typical release conditions. These diversions can have a significant impact to flows downstream of Milner Dam.

System conversions on the Southwest Irrigation District (SWID) were included in the modeling. Diversions for conversion projects are modeled at approximately 90,000 acre-ft and are held essentially constant through all years of the IRP. The model accounted for an approximately 90,000 acre-ft decrease in groundwater pumping from ESPA. The decrease was spread evenly over groundwater irrigated lands in SWID's service area subject to the agreement between SWC and SWID.

The SWC and IGWA agreement requires a total reduction of 240,000 acre-ft/year, but the agreement allows for a portion to be offset by aquifer recharge activities. Based on recent management activity, an approximate 100,000 acre-ft/year reduction is accomplished through other forms of mitigation, such as private aquifer recharge.

The 2025 IRP modeling also recognized ongoing declines in specific reaches. Future reach declines were determined using statistical analysis. Trend data indicate reach gains from Blackfoot to Neely and from Lower Salmon Falls Dam to King Hill demonstrated a statistically significant decline from 1994 to 2023. The long-term declines are still present and are relatively the same as the declines used in the 2023 IRP.

Weather modification was included in the model at various levels of development. For IRP years 2026 through 2030, weather modification reflects the 2024 level of program development in the Upper Snake, Wood, Boise, and Payette River basins. From IRP year 2031 and onward, weather modification levels in Upper Snake, Wood, and Boise River basins were increased to reflect a possible expansion of the cloud seeding program. The level of weather modification was held constant at the current level in the Payette River Basin throughout the IRP planning horizon. The modeling also accounts for changes in reach gains from observed water management activities on the ESPA since 2014. Idaho Power used data from IDWR and other sources to determine the magnitude of the management activities and ESPAM was used to model the projected reach gains. Those management activities can have impacts on reach gains for up to 30 years.

Hydro Model Results

Overall inflow to Brownlee Reservoir increases from IRP modeled year 2026 through 2031. Flows peak in 2031 with the 50% exceedance water year annual inflow to Brownlee Reservoir at 11.4 million acre-ft/year. In 2045, those flows declined to approximately 11.3 million acre-ft/year.

Hydro Modeling Potential Energy Limits (aMW)

| Year | Month | 50 th Percentile (planning case) | | | Extreme Weather Scenario | | |
|-------------------|-------|---|------------|------------|--------------------------|------------|------------|
| | | HCC* | ROR** | Total | HCC | ROR | Total |
| 2026 | Jan | 593 | 232 | 824 | 526 | 189 | 716 |
| | Feb | 737 | 230 | 967 | 636 | 190 | 826 |
| | Mar | 709 | 281 | 990 | 544 | 200 | 744 |
| | Apr | 854 | 343 | 1,197 | 651 | 228 | 879 |
| | May | 885 | 306 | 1,191 | 662 | 254 | 916 |
| | June | 785 | 350 | 1,134 | 588 | 286 | 874 |
| | July | 554 | 365 | 919 | 499 | 326 | 825 |
| | Aug | 454 | 279 | 733 | 420 | 241 | 661 |
| | Sept | 503 | 231 | 733 | 453 | 217 | 670 |
| | Oct | 381 | 209 | 591 | 367 | 200 | 567 |
| | Nov | 338 | 192 | 531 | 334 | 185 | 519 |
| | Dec | 461 | 187 | 648 | 434 | 181 | 615 |
| Annual aMW | | 604 | 267 | 872 | 509 | 225 | 734 |
| 2027 | Jan | 594 | 233 | 827 | 527 | 190 | 717 |
| | Feb | 738 | 232 | 970 | 638 | 191 | 829 |
| | Mar | 710 | 283 | 993 | 545 | 201 | 747 |
| | Apr | 853 | 345 | 1,198 | 651 | 229 | 880 |
| | May | 886 | 307 | 1,193 | 663 | 255 | 917 |
| | June | 784 | 352 | 1,136 | 588 | 286 | 874 |
| | July | 555 | 365 | 920 | 499 | 326 | 826 |
| | Aug | 455 | 279 | 734 | 420 | 241 | 662 |
| | Sept | 503 | 231 | 734 | 454 | 218 | 672 |
| | Oct | 382 | 209 | 591 | 367 | 201 | 568 |
| | Nov | 338 | 193 | 531 | 334 | 185 | 519 |
| | Dec | 461 | 187 | 648 | 434 | 181 | 615 |
| Annual aMW | | 605 | 268 | 873 | 510 | 225 | 735 |

*HCC=Hells Canyon Complex, **ROR=Run of River

Existing Resource Data

| Year | Month | 50 th Percentile (planning case) | | | Extreme Weather Scenario | | |
|-------------------|-------|---|------------|------------|--------------------------|------------|------------|
| | | HCC* | ROR** | Total | HCC | ROR | Total |
| 2028 | Jan | 595 | 234 | 829 | 528 | 191 | 718 |
| | Feb | 738 | 234 | 972 | 640 | 191 | 831 |
| | Mar | 711 | 283 | 994 | 546 | 202 | 748 |
| | Apr | 853 | 345 | 1,198 | 652 | 229 | 881 |
| | May | 886 | 307 | 1,193 | 663 | 255 | 918 |
| | June | 785 | 352 | 1,137 | 588 | 287 | 875 |
| | July | 555 | 365 | 920 | 500 | 327 | 826 |
| | Aug | 455 | 279 | 735 | 421 | 241 | 662 |
| | Sept | 504 | 231 | 735 | 455 | 218 | 673 |
| | Oct | 382 | 210 | 592 | 367 | 201 | 568 |
| | Nov | 338 | 193 | 531 | 334 | 185 | 519 |
| | Dec | 461 | 187 | 649 | 434 | 181 | 616 |
| Annual aMW | | 605 | 268 | 874 | 511 | 226 | 736 |
| 2029 | Jan | 596 | 235 | 831 | 528 | 191 | 719 |
| | Feb | 739 | 235 | 974 | 640 | 192 | 832 |
| | Mar | 711 | 284 | 996 | 546 | 202 | 748 |
| | Apr | 853 | 346 | 1,199 | 652 | 230 | 882 |
| | May | 886 | 307 | 1,194 | 663 | 255 | 918 |
| | June | 786 | 352 | 1,138 | 588 | 287 | 875 |
| | July | 555 | 365 | 921 | 500 | 327 | 826 |
| | Aug | 455 | 279 | 735 | 421 | 242 | 662 |
| | Sept | 504 | 231 | 735 | 455 | 218 | 673 |
| | Oct | 382 | 210 | 592 | 367 | 201 | 568 |
| | Nov | 338 | 193 | 531 | 334 | 185 | 519 |
| | Dec | 461 | 187 | 649 | 435 | 181 | 616 |
| Annual aMW | | 606 | 269 | 874 | 511 | 226 | 737 |

*HCC=Hells Canyon Complex, **ROR=Run of River

Existing Resource Data

| Year | Month | 50 th Percentile (planning case) | | | Extreme Weather Scenario | | |
|-------------------|-------|---|------------|------------|--------------------------|------------|------------|
| | | HCC* | ROR** | Total | HCC | ROR | Total |
| 2030 | Jan | 597 | 236 | 833 | 528 | 191 | 719 |
| | Feb | 739 | 236 | 975 | 640 | 192 | 831 |
| | Mar | 710 | 285 | 994 | 545 | 202 | 748 |
| | Apr | 854 | 346 | 1,199 | 653 | 230 | 883 |
| | May | 884 | 308 | 1,192 | 658 | 255 | 913 |
| | June | 780 | 353 | 1,133 | 582 | 288 | 870 |
| | July | 556 | 365 | 921 | 501 | 328 | 829 |
| | Aug | 456 | 280 | 736 | 420 | 242 | 661 |
| | Sept | 504 | 231 | 735 | 455 | 218 | 673 |
| | Oct | 382 | 210 | 592 | 367 | 201 | 568 |
| | Nov | 338 | 193 | 531 | 334 | 185 | 519 |
| | Dec | 461 | 188 | 649 | 435 | 181 | 616 |
| Annual aMW | | 605 | 269 | 874 | 510 | 226 | 736 |
| 2031 | Jan | 637 | 271 | 908 | 540 | 199 | 739 |
| | Feb | 753 | 279 | 1,032 | 658 | 198 | 857 |
| | Mar | 787 | 325 | 1,112 | 587 | 215 | 802 |
| | Apr | 854 | 355 | 1,209 | 677 | 246 | 923 |
| | May | 898 | 352 | 1,250 | 671 | 264 | 935 |
| | June | 803 | 361 | 1,164 | 620 | 306 | 926 |
| | July | 562 | 366 | 928 | 501 | 333 | 834 |
| | Aug | 459 | 284 | 744 | 423 | 260 | 683 |
| | Sept | 506 | 234 | 740 | 456 | 221 | 677 |
| | Oct | 384 | 211 | 594 | 368 | 202 | 570 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 474 | 189 | 662 | 435 | 182 | 617 |
| Annual aMW | | 621 | 285 | 906 | 522 | 234 | 757 |

*HCC=Hells Canyon Complex, **ROR=Run of River

Existing Resource Data

| Year | Month | 50 th Percentile (planning case) | | | Extreme Weather Scenario | | |
|-------------------|-------|---|------------|------------|--------------------------|------------|------------|
| | | HCC* | ROR** | Total | HCC | ROR | Total |
| 2032 | Jan | 638 | 272 | 910 | 540 | 199 | 739 |
| | Feb | 754 | 280 | 1,034 | 659 | 199 | 857 |
| | Mar | 787 | 325 | 1,112 | 588 | 215 | 803 |
| | Apr | 854 | 356 | 1,210 | 677 | 247 | 924 |
| | May | 898 | 353 | 1,251 | 670 | 265 | 935 |
| | June | 803 | 362 | 1,164 | 620 | 304 | 925 |
| | July | 562 | 366 | 928 | 501 | 333 | 834 |
| | Aug | 459 | 285 | 744 | 423 | 261 | 683 |
| | Sept | 506 | 235 | 740 | 456 | 222 | 677 |
| | Oct | 384 | 211 | 595 | 367 | 202 | 570 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 474 | 189 | 663 | 435 | 182 | 617 |
| Annual aMW | | 621 | 286 | 907 | 522 | 235 | 757 |
| 2033 | Jan | 638 | 272 | 910 | 540 | 200 | 739 |
| | Feb | 755 | 278 | 1,033 | 659 | 199 | 857 |
| | Mar | 788 | 325 | 1,113 | 588 | 215 | 803 |
| | Apr | 854 | 356 | 1,211 | 678 | 247 | 925 |
| | May | 898 | 353 | 1,251 | 670 | 265 | 935 |
| | June | 803 | 362 | 1,164 | 620 | 310 | 930 |
| | July | 562 | 366 | 929 | 501 | 334 | 834 |
| | Aug | 459 | 285 | 744 | 423 | 261 | 683 |
| | Sept | 506 | 235 | 740 | 456 | 222 | 677 |
| | Oct | 384 | 211 | 595 | 367 | 203 | 570 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 474 | 189 | 663 | 435 | 182 | 617 |
| Annual aMW | | 622 | 286 | 907 | 522 | 235 | 758 |

*HCC=Hells Canyon Complex, **ROR=Run of River

Existing Resource Data

| Year | Month | 50 th Percentile (planning case) | | | Extreme Weather Scenario | | |
|-------------------|-------|---|------------|------------|--------------------------|------------|------------|
| | | HCC* | ROR** | Total | HCC | ROR | Total |
| 2034 | Jan | 638 | 272 | 910 | 540 | 200 | 739 |
| | Feb | 755 | 278 | 1,033 | 659 | 199 | 858 |
| | Mar | 788 | 326 | 1,113 | 588 | 215 | 803 |
| | Apr | 854 | 357 | 1,211 | 678 | 247 | 925 |
| | May | 898 | 353 | 1,252 | 670 | 265 | 935 |
| | June | 803 | 362 | 1,164 | 620 | 310 | 931 |
| | July | 562 | 366 | 929 | 501 | 334 | 834 |
| | Aug | 459 | 285 | 744 | 423 | 261 | 683 |
| | Sept | 506 | 235 | 740 | 455 | 222 | 677 |
| | Oct | 384 | 211 | 595 | 367 | 203 | 570 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 474 | 189 | 663 | 435 | 182 | 617 |
| Annual aMW | | 622 | 286 | 907 | 522 | 235 | 758 |
| 2035 | Jan | 638 | 272 | 910 | 540 | 200 | 739 |
| | Feb | 755 | 278 | 1,033 | 659 | 199 | 857 |
| | Mar | 788 | 326 | 1,113 | 588 | 215 | 803 |
| | Apr | 854 | 356 | 1,211 | 678 | 247 | 925 |
| | May | 898 | 353 | 1,252 | 671 | 265 | 936 |
| | June | 803 | 362 | 1,164 | 620 | 310 | 930 |
| | July | 562 | 366 | 928 | 500 | 334 | 834 |
| | Aug | 459 | 285 | 744 | 422 | 261 | 683 |
| | Sept | 505 | 235 | 740 | 455 | 222 | 677 |
| | Oct | 383 | 211 | 595 | 367 | 203 | 570 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 474 | 189 | 663 | 434 | 182 | 617 |
| Annual aMW | | 621 | 286 | 907 | 522 | 235 | 758 |

*HCC=Hells Canyon Complex, **ROR=Run of River

Existing Resource Data

| Year | Month | 50 th Percentile (planning case) | | | Extreme Weather Scenario | | |
|-------------------|-------|---|------------|------------|--------------------------|------------|------------|
| | | HCC* | ROR** | Total | HCC | ROR | Total |
| 2036 | Jan | 638 | 272 | 910 | 539 | 199 | 739 |
| | Feb | 754 | 278 | 1,032 | 658 | 199 | 857 |
| | Mar | 787 | 325 | 1,113 | 588 | 215 | 803 |
| | Apr | 854 | 356 | 1,210 | 677 | 247 | 925 |
| | May | 898 | 353 | 1,251 | 671 | 265 | 936 |
| | June | 802 | 362 | 1,164 | 620 | 310 | 930 |
| | July | 562 | 366 | 928 | 500 | 334 | 834 |
| | Aug | 459 | 285 | 744 | 422 | 261 | 683 |
| | Sept | 505 | 235 | 740 | 455 | 222 | 676 |
| | Oct | 383 | 211 | 594 | 367 | 203 | 570 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 473 | 189 | 662 | 434 | 183 | 617 |
| Annual aMW | | 621 | 286 | 907 | 522 | 235 | 757 |
| 2037 | Jan | 637 | 271 | 908 | 539 | 199 | 739 |
| | Feb | 753 | 278 | 1,031 | 658 | 199 | 857 |
| | Mar | 787 | 325 | 1,112 | 587 | 215 | 802 |
| | Apr | 854 | 356 | 1,210 | 677 | 247 | 924 |
| | May | 898 | 353 | 1,251 | 671 | 265 | 935 |
| | June | 801 | 362 | 1,163 | 619 | 310 | 930 |
| | July | 561 | 366 | 927 | 500 | 334 | 834 |
| | Aug | 459 | 285 | 743 | 422 | 261 | 683 |
| | Sept | 505 | 235 | 739 | 454 | 222 | 676 |
| | Oct | 383 | 211 | 594 | 367 | 202 | 570 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 473 | 189 | 662 | 434 | 182 | 617 |
| Annual aMW | | 621 | 285 | 906 | 522 | 235 | 757 |

*HCC=Hells Canyon Complex, **ROR=Run of River

| Year | Month | 50 th Percentile (planning case) | | | Extreme Weather Scenario | | |
|-------------------|-------|---|------------|------------|--------------------------|------------|------------|
| | | HCC* | ROR** | Total | HCC | ROR | Total |
| 2038 | Jan | 636 | 274 | 910 | 539 | 199 | 738 |
| | Feb | 752 | 278 | 1,030 | 658 | 199 | 856 |
| | Mar | 787 | 325 | 1,111 | 586 | 215 | 800 |
| | Apr | 854 | 355 | 1,209 | 677 | 247 | 924 |
| | May | 898 | 353 | 1,251 | 670 | 265 | 935 |
| | June | 801 | 362 | 1,163 | 619 | 310 | 929 |
| | July | 561 | 366 | 927 | 500 | 334 | 833 |
| | Aug | 458 | 285 | 743 | 422 | 261 | 682 |
| | Sept | 504 | 235 | 739 | 453 | 222 | 675 |
| | Oct | 383 | 211 | 594 | 367 | 202 | 569 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 473 | 189 | 662 | 434 | 182 | 616 |
| Annual aMW | | 620 | 285 | 906 | 521 | 235 | 757 |
| 2039 | Jan | 635 | 273 | 909 | 539 | 199 | 738 |
| | Feb | 751 | 277 | 1,028 | 657 | 199 | 856 |
| | Mar | 786 | 324 | 1,110 | 585 | 214 | 799 |
| | Apr | 854 | 355 | 1,208 | 676 | 247 | 923 |
| | May | 898 | 353 | 1,250 | 670 | 264 | 935 |
| | June | 801 | 361 | 1,162 | 618 | 312 | 930 |
| | July | 561 | 366 | 927 | 499 | 333 | 833 |
| | Aug | 458 | 285 | 743 | 421 | 261 | 682 |
| | Sept | 504 | 235 | 738 | 453 | 222 | 674 |
| | Oct | 383 | 211 | 594 | 367 | 202 | 569 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 472 | 189 | 661 | 434 | 182 | 616 |
| Annual aMW | | 620 | 285 | 905 | 521 | 235 | 756 |

*HCC=Hells Canyon Complex, **ROR=Run of River

Existing Resource Data

| Year | Month | 50 th Percentile (planning case) | | | Extreme Weather Scenario | | |
|-------------------|-------|---|------------|------------|--------------------------|------------|------------|
| | | HCC* | ROR** | Total | HCC | ROR | Total |
| 2040 | Jan | 635 | 269 | 904 | 538 | 199 | 737 |
| | Feb | 750 | 276 | 1,026 | 657 | 198 | 855 |
| | Mar | 785 | 323 | 1,108 | 583 | 214 | 797 |
| | Apr | 854 | 354 | 1,208 | 676 | 247 | 922 |
| | May | 897 | 352 | 1,249 | 670 | 264 | 935 |
| | June | 800 | 361 | 1,162 | 618 | 312 | 930 |
| | July | 560 | 366 | 926 | 499 | 333 | 832 |
| | Aug | 458 | 284 | 742 | 421 | 260 | 682 |
| | Sept | 503 | 235 | 738 | 452 | 221 | 673 |
| | Oct | 382 | 211 | 593 | 366 | 202 | 569 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 472 | 189 | 661 | 434 | 182 | 616 |
| Annual aMW | | 620 | 285 | 904 | 521 | 235 | 756 |
| 2041 | Jan | 634 | 268 | 902 | 538 | 199 | 737 |
| | Feb | 749 | 275 | 1,024 | 656 | 198 | 854 |
| | Mar | 785 | 322 | 1,107 | 583 | 214 | 796 |
| | Apr | 854 | 353 | 1,207 | 675 | 246 | 922 |
| | May | 897 | 352 | 1,249 | 670 | 264 | 934 |
| | June | 800 | 361 | 1,161 | 617 | 312 | 929 |
| | July | 560 | 366 | 926 | 499 | 333 | 832 |
| | Aug | 457 | 284 | 742 | 421 | 260 | 681 |
| | Sept | 503 | 234 | 737 | 451 | 221 | 673 |
| | Oct | 382 | 211 | 593 | 366 | 202 | 568 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 471 | 189 | 660 | 433 | 182 | 616 |
| Annual aMW | | 619 | 284 | 903 | 520 | 235 | 755 |

*HCC=Hells Canyon Complex, **ROR=Run of River

| Year | Month | 50 th Percentile (planning case) | | | Extreme Weather Scenario | | |
|-------------------|-------|---|------------|------------|--------------------------|------------|------------|
| | | HCC* | ROR** | Total | HCC | ROR | Total |
| 2042 | Jan | 633 | 268 | 901 | 538 | 198 | 736 |
| | Feb | 748 | 274 | 1,022 | 655 | 197 | 852 |
| | Mar | 784 | 322 | 1,105 | 582 | 213 | 795 |
| | Apr | 854 | 352 | 1,206 | 675 | 246 | 921 |
| | May | 897 | 351 | 1,248 | 670 | 264 | 934 |
| | June | 800 | 361 | 1,161 | 617 | 312 | 928 |
| | July | 560 | 366 | 925 | 498 | 333 | 832 |
| | Aug | 457 | 284 | 741 | 420 | 260 | 681 |
| | Sept | 502 | 234 | 736 | 450 | 221 | 672 |
| | Oct | 382 | 211 | 593 | 366 | 202 | 568 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 471 | 189 | 660 | 433 | 182 | 615 |
| Annual aMW | | 619 | 284 | 903 | 520 | 235 | 754 |
| 2043 | Jan | 632 | 267 | 899 | 537 | 197 | 735 |
| | Feb | 747 | 273 | 1,021 | 655 | 197 | 851 |
| | Mar | 783 | 321 | 1,104 | 580 | 213 | 793 |
| | Apr | 854 | 351 | 1,205 | 674 | 246 | 920 |
| | May | 897 | 351 | 1,247 | 670 | 264 | 934 |
| | June | 799 | 361 | 1,160 | 616 | 311 | 927 |
| | July | 559 | 366 | 925 | 498 | 333 | 831 |
| | Aug | 457 | 284 | 741 | 420 | 260 | 680 |
| | Sept | 502 | 234 | 736 | 450 | 221 | 671 |
| | Oct | 382 | 211 | 592 | 366 | 202 | 568 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 470 | 189 | 659 | 433 | 182 | 615 |
| Annual aMW | | 618 | 283 | 902 | 519 | 234 | 754 |

*HCC=Hells Canyon Complex, **ROR=Run of River

Existing Resource Data

| Year | Month | 50 th Percentile (planning case) | | | Extreme Weather Scenario | | |
|-------------------|-------|---|------------|------------|--------------------------|------------|------------|
| | | HCC* | ROR** | Total | HCC | ROR | Total |
| 2044 | Jan | 630 | 268 | 899 | 537 | 197 | 734 |
| | Feb | 746 | 272 | 1,018 | 654 | 197 | 851 |
| | Mar | 782 | 320 | 1,102 | 580 | 212 | 792 |
| | Apr | 854 | 350 | 1,203 | 674 | 245 | 919 |
| | May | 896 | 351 | 1,247 | 670 | 264 | 934 |
| | June | 799 | 361 | 1,159 | 616 | 311 | 926 |
| | July | 559 | 366 | 924 | 498 | 333 | 830 |
| | Aug | 456 | 284 | 740 | 420 | 260 | 680 |
| | Sept | 501 | 234 | 735 | 449 | 221 | 670 |
| | Oct | 381 | 211 | 592 | 366 | 202 | 567 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 469 | 189 | 658 | 433 | 182 | 615 |
| Annual aMW | | 618 | 283 | 901 | 519 | 234 | 753 |
| 2045 | Jan | 629 | 267 | 897 | 536 | 196 | 733 |
| | Feb | 745 | 271 | 1,016 | 653 | 196 | 849 |
| | Mar | 781 | 319 | 1,100 | 579 | 212 | 791 |
| | Apr | 854 | 349 | 1,202 | 673 | 245 | 918 |
| | May | 896 | 350 | 1,246 | 670 | 263 | 933 |
| | June | 798 | 361 | 1,159 | 615 | 310 | 925 |
| | July | 558 | 365 | 924 | 497 | 333 | 830 |
| | Aug | 456 | 284 | 740 | 419 | 260 | 679 |
| | Sept | 500 | 234 | 734 | 448 | 221 | 669 |
| | Oct | 381 | 211 | 592 | 365 | 202 | 567 |
| | Nov | 338 | 194 | 532 | 333 | 186 | 519 |
| | Dec | 467 | 188 | 656 | 432 | 182 | 615 |
| Annual aMW | | 617 | 283 | 900 | 518 | 234 | 752 |

LONG-TERM CAPACITY EXPANSION RESULTS (MW)

Main Cases

Preferred Portfolio—With 111(d) Bridger 3&4 NG

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|-----------------|--------------|-----------------------------------|------------|----------|------------|--------------|------------|----------|----------------|-----------|--------|----------|----------|-----------|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 0 | 155 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 11 | 3 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 7 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 2 |
| Subtotal | -484 | 611 | 550 | 0 | 700 | 1,445 | 835 | 0 | 0 | 50 | | 0 | 0 | 20 | 287 | 58 |
| Total | 4,071 | Portfolio Cost: \$10,966 M | | | | | | | | | | | | | | |

With 111(d) Bridger 3&4 Exit

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 0 | 205 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 0 | 400 | 0 | 0 | 100 | 5 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 16 | 30 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 17 | 26 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 17 | 24 |
| 2033 | 0 | 0 | 50 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 12 |
| 2039 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 4 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 |
| 2042 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 8 |
| 2043 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 200 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 261 | 800 | 0 | 600 | 1,745 | 985 | 50 | 0 | 50 | | 0 | 0 | 20 | 287 | 166 |
| Total | 4,479 | Portfolio Cost: \$11,438 M | | | | | | | | | | | | | | |

With 111(d) Bridger 3&4 CCS

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -78 | 0 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 6 |
| Subtotal | -212 | 261 | 600 | 0 | 600 | 1,345 | 825 | 0 | 0 | 100 | | 0 | 0 | 0 | 287 | 6 |
| Total | 3,811 | Portfolio Cost: \$11,577 M | | | | | | | | | | | | | | |

With 111(d) 300 MW

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 0 | 255 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 9 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 300 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 24 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2043 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 850 | 0 | 700 | 1,345 | 870 | 0 | 0 | 100 | | 0 | 0 | 10 | 287 | 77 |
| Total | 4,366 | Portfolio Cost: \$12,348 M | | | | | | | | | | | | | | |

With 111(d) 500 MW

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|-----------------|--------------|-----------------------------------|--------------|----------|------------|--------------|--------------|----------|----------------|-----------|--------|----------|----------|-----------|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 0 | 255 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 30 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 26 |
| 2032 | 0 | 0 | 150 | 0 | 0 | 200 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 24 |
| 2033 | 0 | 0 | 300 | 0 | 0 | 300 | 155 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 16 | 19 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 1,100 | 0 | 700 | 1,645 | 1,030 | 0 | 0 | 50 | | 0 | 0 | 20 | 287 | 125 |
| Total | 5,083 | Portfolio Cost: \$13,317 M | | | | | | | | | | | | | | |

Without 111(d) Bridger 3&4 NG

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 0 | 155 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 9 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 24 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 4 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 4 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 3 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2044 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2045 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 650 | 0 | 700 | 1,445 | 765 | 0 | 0 | 0 | | 0 | 0 | 10 | 287 | 91 |
| Total | 4,074 | Portfolio Cost: \$10,782 M | | | | | | | | | | | | | | |

Without 111(d) Bridger 3&4 PRB

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 0 | 155 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | 0 | 0 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -134 | 261 | 550 | 0 | 700 | 1,345 | 780 | 0 | 0 | 100 | | 0 | 0 | 10 | 287 | 0 |
| Total | 3,898 | Portfolio Cost: \$10,684 M | | | | | | | | | | | | | | |

Without 111(d) Bridger 3&4 Exit

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|-------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 0 | 205 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 0 | 400 | 0 | 0 | 100 | 5 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 16 | 30 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 17 | 26 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 17 | 24 |
| 2033 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 17 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 15 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 100 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 13 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 100 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 12 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 10 |
| 2040 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 13 |
| 2042 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 8 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 7 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 7 |
| 2045 | 0 | 0 | 50 | 0 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 261 | 800 | 0 | 600 | 2,045 | 1,140 | 0 | 0 | 50 | | 0 | 0 | 20 | 287 | 218 |
| Total | 4,937 | Portfolio Cost: \$11,309 M | | | | | | | | | | | | | | |

Without 111(d) Bridger 3&4 CCS

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|-----------------------------------|--------------|------------|------------|----------|------------|--------------|------------|----------|----------------|----------|--------|----------|----------|----------|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -78 | 0 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -212 | 261 | 700 | 0 | 600 | 1,345 | 820 | 0 | 0 | 0 | | 0 | 0 | 0 | 287 | 0 |
| Total | 3,801 | | | | | | | | | | | | | | | |
| Portfolio Cost: \$11,441 M | | | | | | | | | | | | | | | | |

Without 111(d) 300 MW Bridger 3&4 NG

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|-----------------|--------------|-----------------------------------|------------|----------|------------|--------------|------------|----------|----------------|----------|--------|----------|----------|----------|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 0 | 300 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 300 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 4 |
| 2039 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 4 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 3 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 3 |
| 2042 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 8 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 7 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 2 |
| Subtotal | -484 | 611 | 950 | 0 | 600 | 1,445 | 920 | 0 | 0 | 0 | | 0 | 0 | 0 | 287 | 34 |
| Total | 4,362 | Portfolio Cost: \$12,035 M | | | | | | | | | | | | | | |

Without 111(d) 300 MW Bridger 3&4 PRB

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|-----------------|--------------|-----------------------------------|------------|----------|------------|--------------|--------------|----------|----------------|-----------|--------|----------|----------|-----------|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 0 | 300 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | 0 | 0 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 9 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 50 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 7 |
| 2033 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 100 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 4 |
| 2039 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 10 |
| 2040 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 3 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 3 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 200 | 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 3 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 5 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 2 |
| Subtotal | -134 | 261 | 850 | 0 | 600 | 1,645 | 1,085 | 0 | 0 | 50 | | 0 | 0 | 10 | 287 | 94 |
| Total | 4,748 | Portfolio Cost: \$12,017 M | | | | | | | | | | | | | | |

Without 111(d) 500 MW Bridger 3&4 NG

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|-----------------|--------------|-----------------------------------|--------------|----------|------------|--------------|------------|----------|----------------|----------|--------|----------|----------|----------|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 0 | 300 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 300 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2033 | 0 | 0 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 4 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 4 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2044 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 1,200 | 0 | 600 | 1,445 | 920 | 0 | 0 | 0 | | 0 | 0 | 0 | 287 | 24 |
| Total | 4,602 | Portfolio Cost: \$12,798 M | | | | | | | | | | | | | | |

Without 111(d) 500 MW Bridger 3&4 PRB

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|-----------------|--------------|-----------------------------------|--------------|----------|------------|--------------|------------|----------|----------------|-----------|--------|----------|----------|----------|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 0 | 300 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | 0 | 0 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 150 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 7 |
| 2033 | 0 | 0 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21 |
| 2034 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 17 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 15 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 12 |
| 2039 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 10 |
| 2040 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -134 | 261 | 1,150 | 0 | 600 | 1,345 | 875 | 0 | 0 | 50 | | 0 | 0 | 0 | 287 | 129 |
| Total | 4,562 | Portfolio Cost: \$12,714 M | | | | | | | | | | | | | | |

Scenarios and Sensitivities

High Gas & Carbon Prices

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|----------|------------|----------------------------|---------|----|------|-------|-------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 0 | 155 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 150 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 30 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 600 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 42 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 24 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 100 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 17 | 34 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 17 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 300 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 600 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 4 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 4 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 3 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 |
| 2042 | 0 | 0 | 50 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2043 | 0 | 0 | 0 | 0 | 0 | 300 | 155 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 100 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 50 | 0 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 6 |
| Subtotal | -484 | 611 | 400 | 0 | 700 | 3,645 | 1,875 | 0 | 0 | 0 | | 0 | 0 | 20 | 287 | 203 |
| Total | 7,256 | Portfolio Cost: \$14,167 M | | | | | | | | | | | | | | |

Long-Term Capacity Expansion Results

Low Gas Price

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 100 | 205 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 7 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 17 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 6 |
| Subtotal | -484 | 611 | 600 | 0 | 600 | 1,545 | 875 | 0 | 0 | 0 | | 0 | 0 | 10 | 287 | 63 |
| Total | 4,107 | Portfolio Cost: \$10,162 M | | | | | | | | | | | | | | |

Constrained Markets

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|-------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 300 | 250 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 350 | 150 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 30 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 42 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 24 |
| 2033 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 34 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 31 |
| 2035 | 0 | 0 | 0 | 0 | 200 | 100 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 17 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 13 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 12 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 10 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 12 | 3 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 11 | 8 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 300 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 50 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 500 | 0 | 800 | 2,345 | 1,255 | 0 | 0 | 0 | | 0 | 0 | 20 | 287 | 241 |
| Total | 5,574 | Portfolio Cost: \$12,586 M | | | | | | | | | | | | | | |

100% Clean by 2045

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|----------|------------|----------------------------|---------|-------|------|-------|-------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 200 | 100 | 200 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 350 | 150 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 30 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 26 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 38 |
| 2033 | 0 | 0 | 0 | 0 | 100 | 200 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 31 |
| 2035 | 0 | -90 | -150 | 240 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | -127 | 0 | 127 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 16 | 5 |
| 2037 | 0 | -134 | 0 | 134 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | -177 | 0 | 177 | 0 | 300 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 12 |
| 2039 | 0 | -180 | 0 | 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | -174 | -150 | 324 | 0 | 300 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | -175 | 0 | 175 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | -179 | 0 | 179 | 0 | 600 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | -179 | 0 | 179 | 0 | 400 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | -321 | 0 | 321 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 200 | 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 2 |
| Subtotal | -484 | -1,126 | 0 | 2,037 | 900 | 4,445 | 2,305 | 0 | 0 | 0 | | 30 | 0 | 0 | 287 | 175 |
| Total | 8,568 | Portfolio Cost: \$13,387 M | | | | | | | | | | | | | | |

No PURPA Replacement Contracts

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 100 | 255 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 150 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 300 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 7 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 2 |
| Subtotal | -484 | 611 | 700 | 0 | 600 | 1,445 | 840 | 0 | 0 | 50 | | 0 | 0 | 20 | 287 | 58 |
| Total | 4,126 | Portfolio Cost: \$11,216 M | | | | | | | | | | | | | | |

Extreme Weather

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|-------|-------|-------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 600 | 400 | 955 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 350 | 50 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 9 |
| 2031 | 0 | 0 | 150 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 7 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 27 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 24 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 300 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 22 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 12 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 10 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 17 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 8 |
| 2043 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 7 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 11 | 3 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 400 | 0 | 1,200 | 2,145 | 1,720 | 0 | 0 | 0 | | 30 | 0 | 0 | 287 | 187 |
| Total | 6,095 | Portfolio Cost: \$13,712 M | | | | | | | | | | | | | | |

High Resource Costs

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 0 | 155 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 7 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 650 | 0 | 700 | 1,445 | 755 | 0 | 0 | 0 | | 0 | 0 | 10 | 287 | 38 |
| Total | 4,011 | Portfolio Cost: \$11,016 M | | | | | | | | | | | | | | |

Long-Term Capacity Expansion Results

Load Shift

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|-----------------|--------------|-----------------------------------|------------|----------|------------|--------------|------------|----------|----------------|-----------|--------|----------|----------|-----------|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 50 | 105 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 11 | 3 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 7 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 2 |
| Subtotal | -484 | 611 | 550 | 0 | 700 | 1,545 | 735 | 0 | 0 | 50 | | 0 | 0 | 20 | 287 | 58 |
| Total | 4,071 | Portfolio Cost: \$10,939 M | | | | | | | | | | | | | | |

Long-Term Capacity Expansion Results

No SWIP

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 350 | 0 | 100 | 0 | 105 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 13 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 2 |
| Subtotal | -484 | 611 | 750 | 0 | 700 | 1,745 | 920 | 0 | 0 | 50 | | 0 | 0 | 0 | 287 | 46 |
| Total | 4,574 | Portfolio Cost: \$##,### M | | | | | | | | | | | | | | |

Validation and Verification

No Gas 2029

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|----------|------------|----------------------------|---------|----|------|-------|-------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 0 | 0 | 0 | 100 | 605 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 7 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 17 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 300 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 600 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 12 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 4 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2043 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 7 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 13 |
| 2045 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 350 | 0 | 600 | 2,845 | 1,860 | 0 | 0 | 0 | | 0 | 0 | 10 | 287 | 101 |
| Total | 6,180 | Portfolio Cost: \$11,723 M | | | | | | | | | | | | | | |

No Gas 2029/2030

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|-------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 0 | 0 | 200 | 0 | 550 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 350 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 16 | 9 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 24 |
| 2033 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 400 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 15 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 600 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 4 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 4 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 100 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2045 | 0 | 0 | 50 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 2 |
| Subtotal | -484 | 611 | 150 | 0 | 800 | 3,245 | 2,065 | 0 | 0 | 150 | | 0 | 0 | 0 | 287 | 125 |
| Total | 6,949 | Portfolio Cost: \$12,038 M | | | | | | | | | | | | | | |

Long-Term Capacity Expansion Results

Forced SCCT 2030

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 0 | 155 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 150 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 9 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 300 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 24 |
| 2033 | 0 | 0 | 50 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 4 |
| 2039 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 550 | 0 | 700 | 1,645 | 915 | 0 | 0 | 50 | | 0 | 0 | 10 | 287 | 70 |
| Total | 4,353 | Portfolio Cost: \$11,037 M | | | | | | | | | | | | | | |

Long-Term Capacity Expansion Results

No New Gas

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|-------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 0 | 0 | 200 | 0 | 555 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 350 | 0 | 0 | 0 | 100 | 5 | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 16 | 30 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 26 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 24 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 200 | 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 17 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 600 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 200 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 4 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 200 | 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 4 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 3 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 12 | 8 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2043 | 0 | 0 | 0 | 0 | 0 | 200 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 3 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 16 |
| Subtotal | -484 | 611 | 0 | 0 | 800 | 3,145 | 2,135 | 0 | 0 | 250 | | 0 | 0 | 10 | 287 | 190 |
| Total | 6,944 | Portfolio Cost: \$12,063 M | | | | | | | | | | | | | | |

Long-Term Capacity Expansion Results

More EE

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 0 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 30 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 26 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 24 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 600 | 0 | 600 | 1,645 | 900 | 0 | 0 | 0 | | 0 | 0 | 0 | 287 | 121 |
| Total | 4,279 | Portfolio Cost: \$10,985 M | | | | | | | | | | | | | | |

Long-Term Capacity Expansion Results

More DR

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 0 | 155 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 300 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 16 | 0 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 17 | 8 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 17 | 0 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 17 | 21 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 11 | 3 |
| 2043 | 0 | 0 | 50 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 7 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 8 | 2 |
| Subtotal | -484 | 611 | 550 | 0 | 700 | 1,445 | 835 | 0 | 0 | 50 | | 0 | 0 | 70 | 287 | 58 |
| Total | 4,121 | Portfolio Cost: \$11,027 M | | | | | | | | | | | | | | |

Long-Term Capacity Expansion Results

SMR

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|-----------------|--------------|-----------------------------------|------------|----------|------------|--------------|--------------|----------|----------------|----------|--------|----------|------------|-----------|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 0 | 155 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 150 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 9 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 0 | 0 | 0 | 300 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 7 |
| 2033 | 0 | 0 | 50 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 | 0 | 16 | 0 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 0 | 0 | 100 | 600 | 350 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 350 | 0 | 800 | 2,245 | 1,205 | 0 | 0 | 0 | | 0 | 500 | 10 | 287 | 24 |
| Total | 5,548 | Portfolio Cost: \$12,898 M | | | | | | | | | | | | | | |

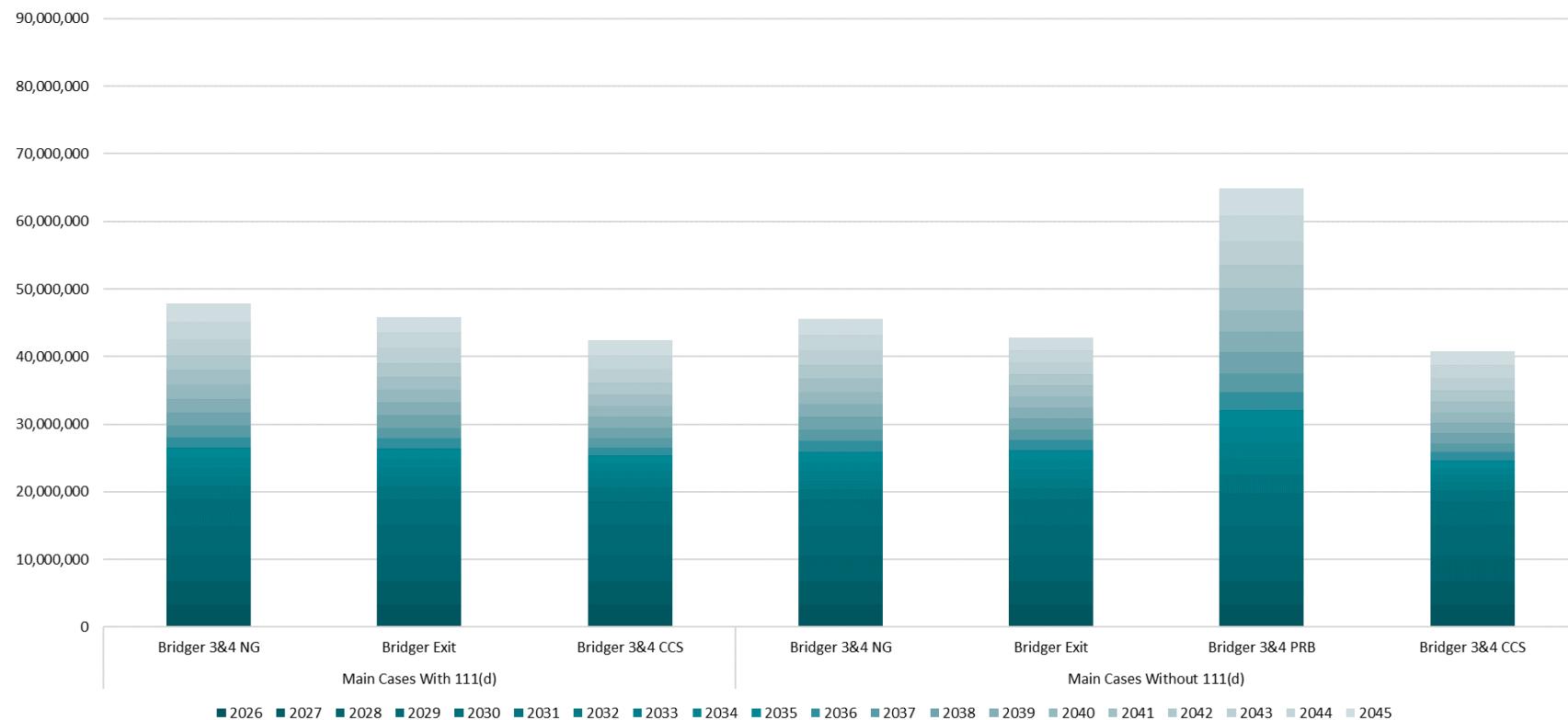
Pumped Hydro

| Year | Coal Exits | Conv. Gas | New Gas | H2 | Wind | Solar | 4-Hr | 8-Hr | Pumped Storage | 100-Hr | Trans | Geo | Nuclear | DR | EE Forecast | EE Bundles |
|--------------|--------------|-----------------------------------|---------|----|------|-------|------|------|----------------|--------|--------|-----|---------|----|-------------|------------|
| 2026 | -134 | 261 | 0 | 0 | 0 | 125 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 2027 | 0 | 0 | 0 | 0 | 600 | 420 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 2028 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 0 | 0 | 0 | B2H | 0 | 0 | 0 | 15 | 0 |
| 2029 | 0 | 0 | 150 | 0 | 100 | 0 | 155 | 0 | 0 | 0 | SWIP-N | 0 | 0 | 10 | 16 | 0 |
| 2030 | -350 | 350 | 0 | 0 | 0 | 100 | 0 | 0 | 250 | 0 | 0 | 0 | 0 | 0 | 16 | 9 |
| 2031 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 |
| 2032 | 0 | 0 | 300 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 7 |
| 2033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 6 |
| 2034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 |
| 2035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 5 |
| 2037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 4 |
| 2038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 4 |
| 2039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| 2040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2041 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 2042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2043 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2044 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 2045 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Subtotal | -484 | 611 | 450 | 0 | 700 | 1,345 | 705 | 0 | 250 | 0 | | 0 | 0 | 10 | 287 | 55 |
| Total | 3,928 | Portfolio Cost: \$11,687 M | | | | | | | | | | | | | | |

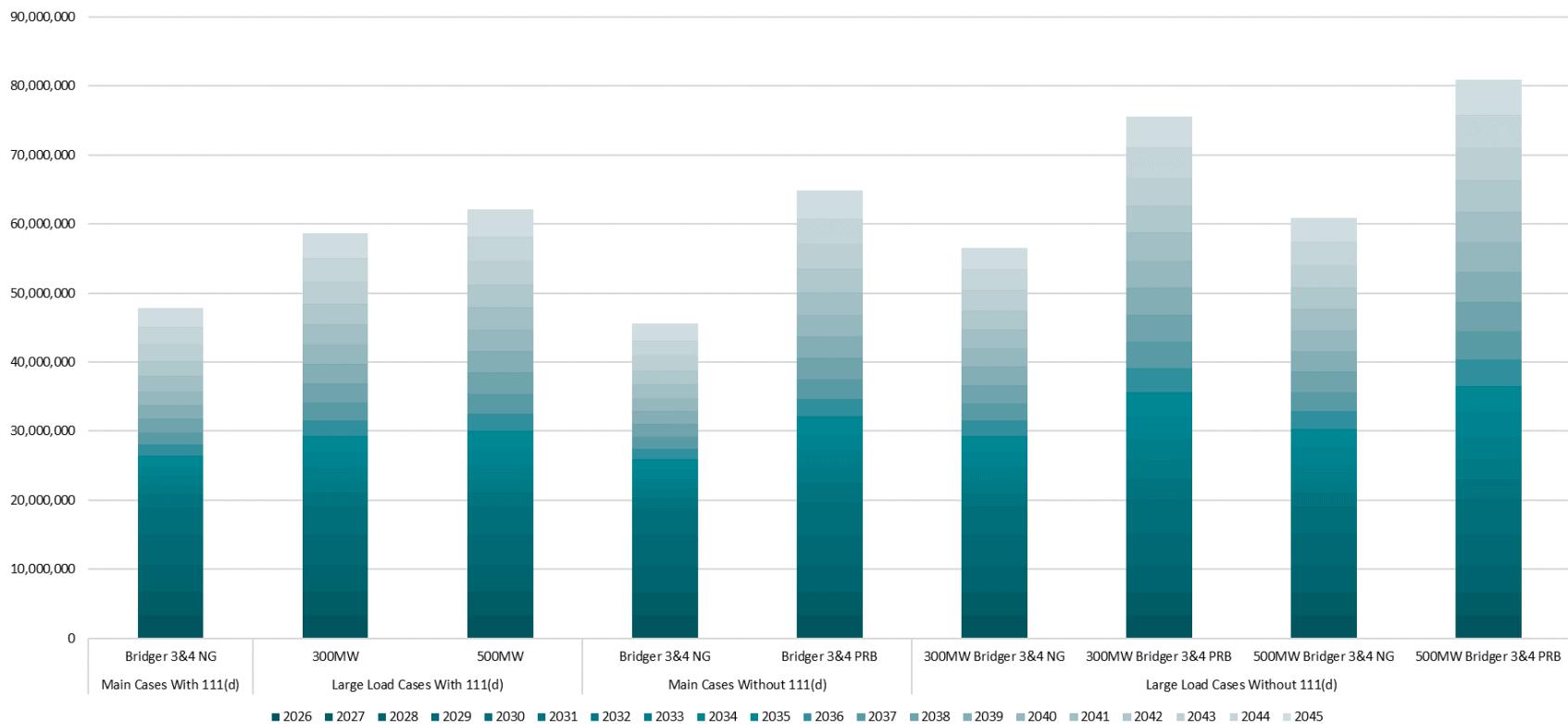
PORTFOLIO EMISSIONS FORECAST

Total emissions forecasts for Idaho Power's resources are outputs of the AURORA model and are presented below.

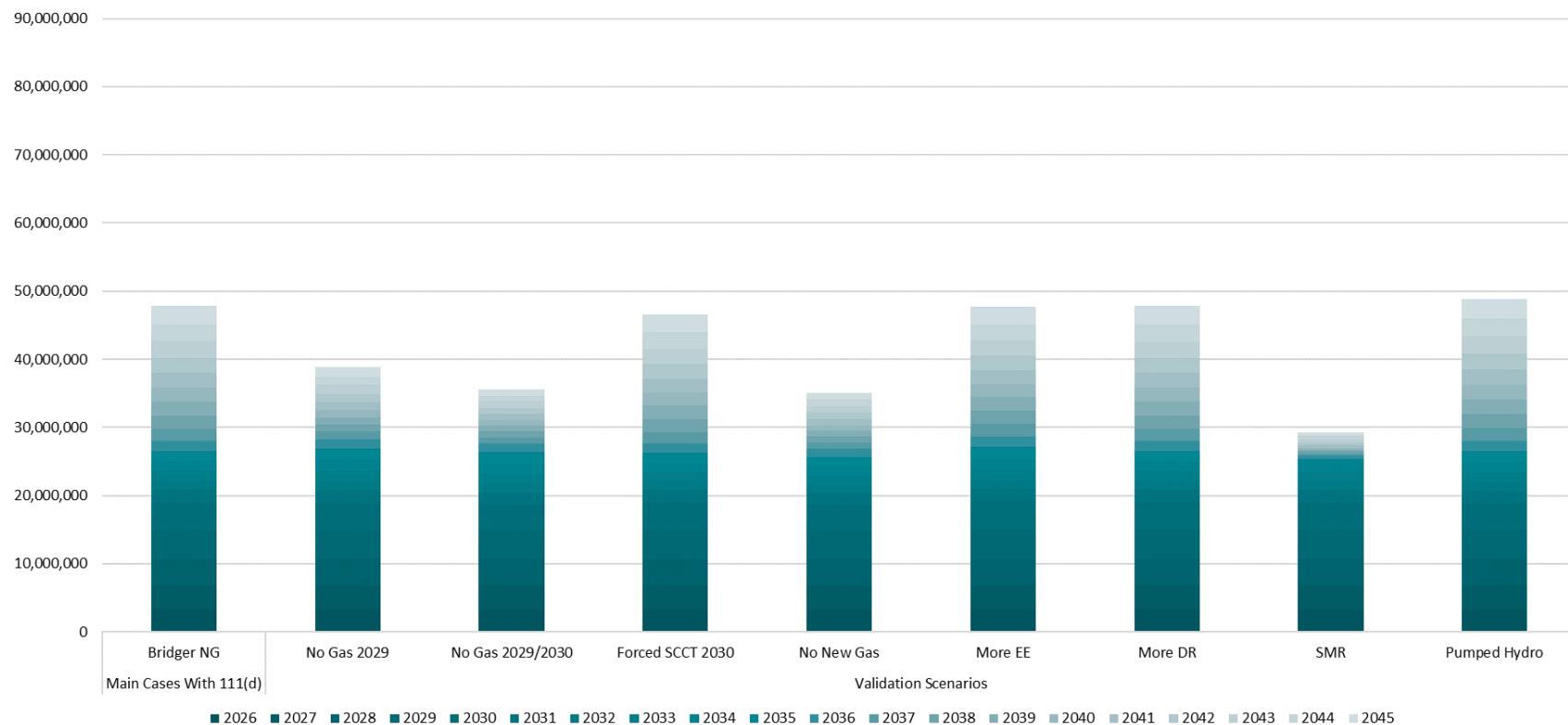
Main Cases CO₂ Emissions (Metric Tons)



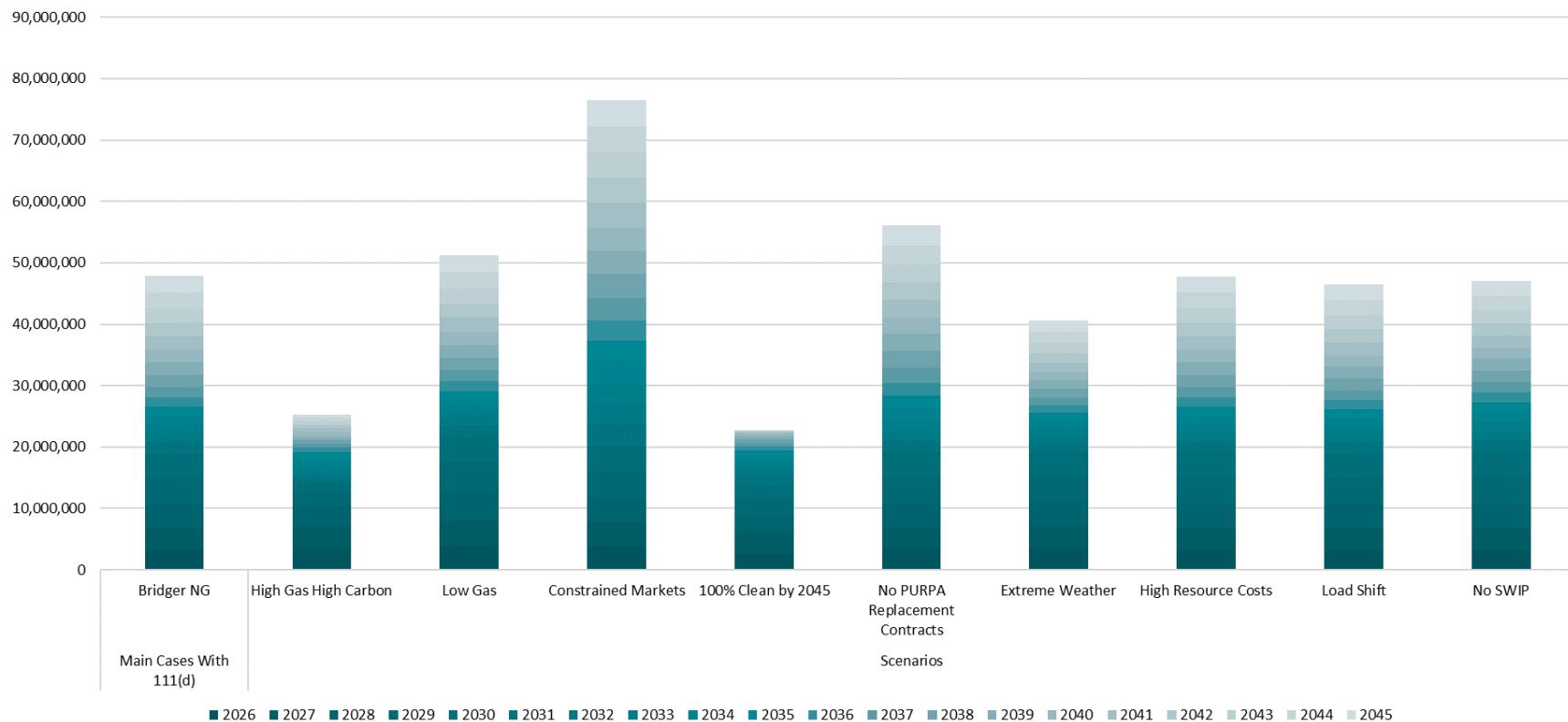
Large Load Cases CO₂ Emissions (Metric Tons)



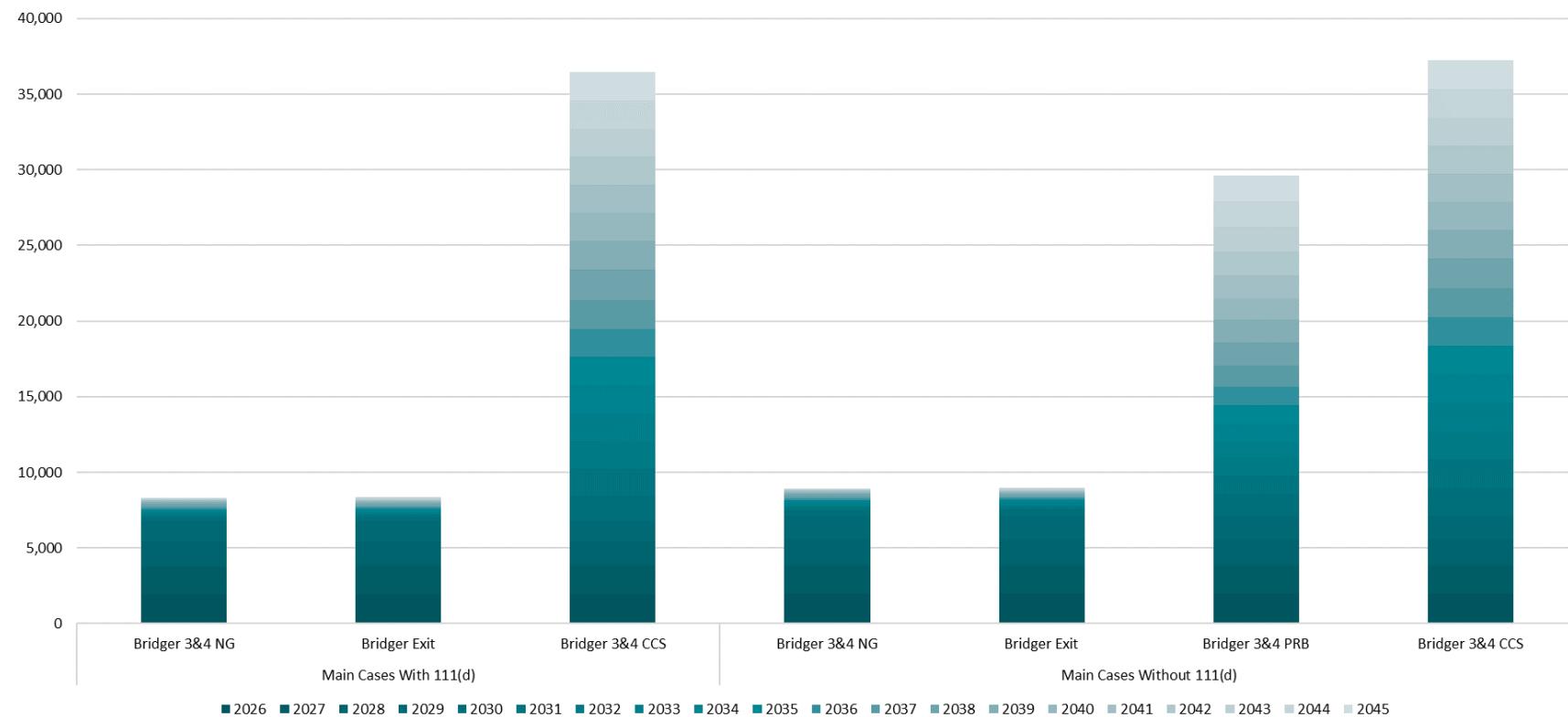
Validation Scenario CO₂ Emissions (Metric Tons)



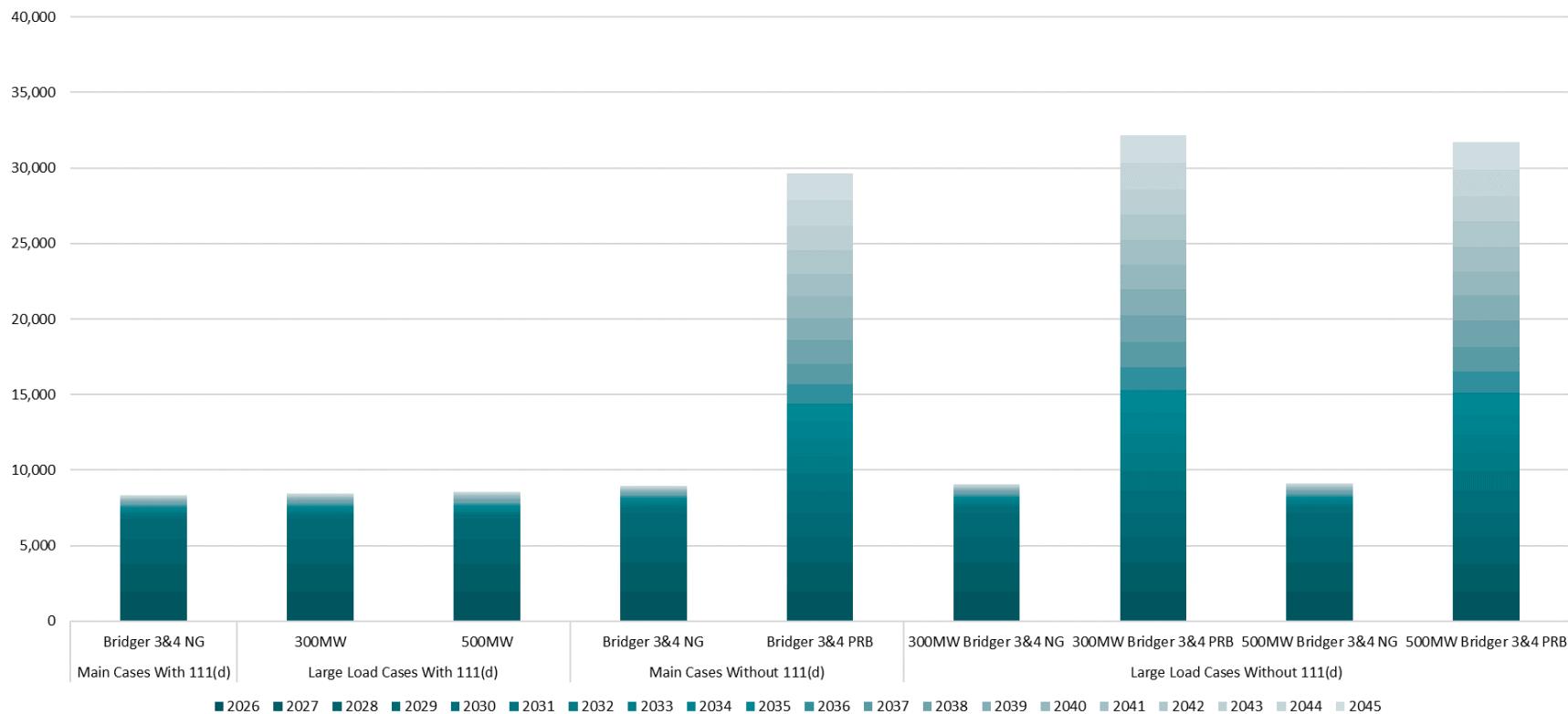
Scenarios and Sensitivities CO₂ Emissions (Metric Tons):



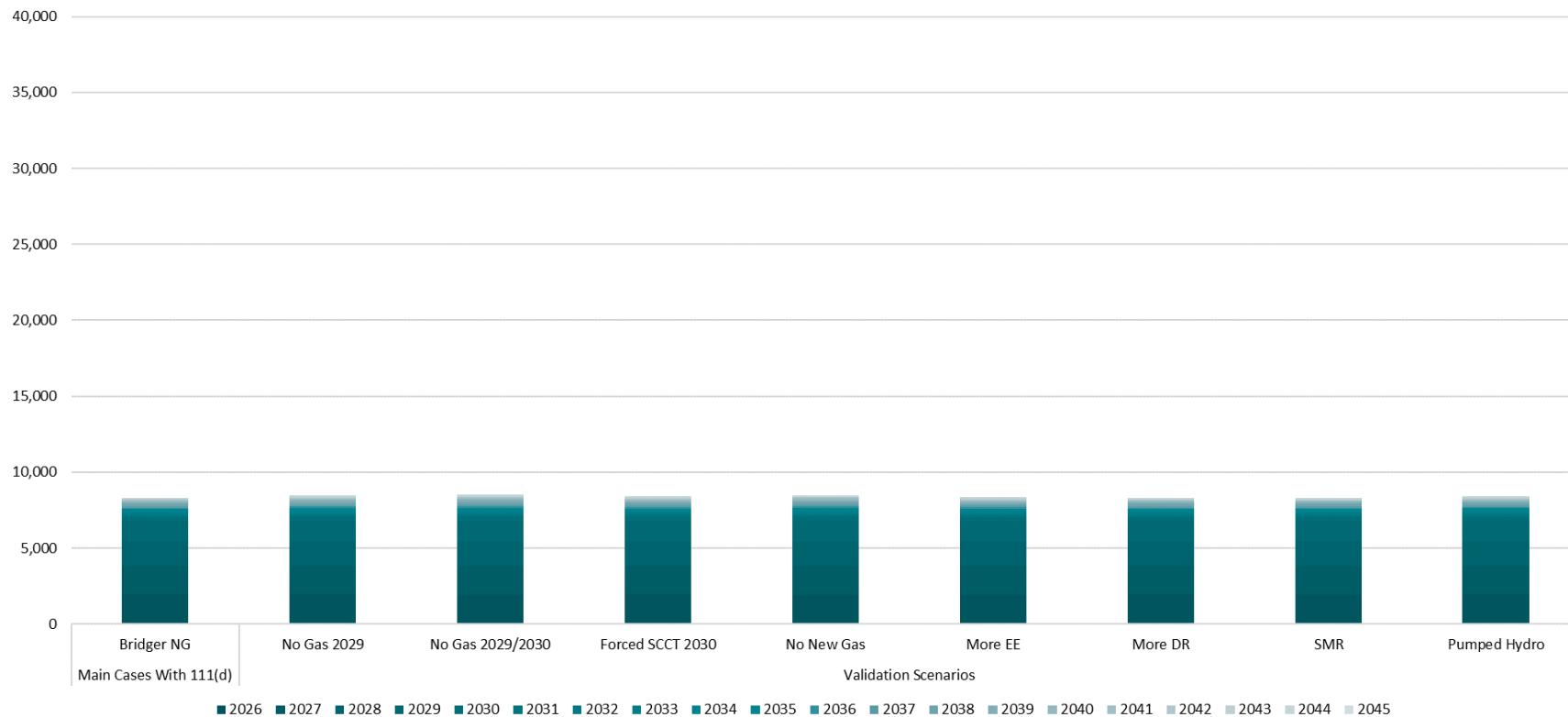
Main Cases SO₂ Emissions (Metric Tons)



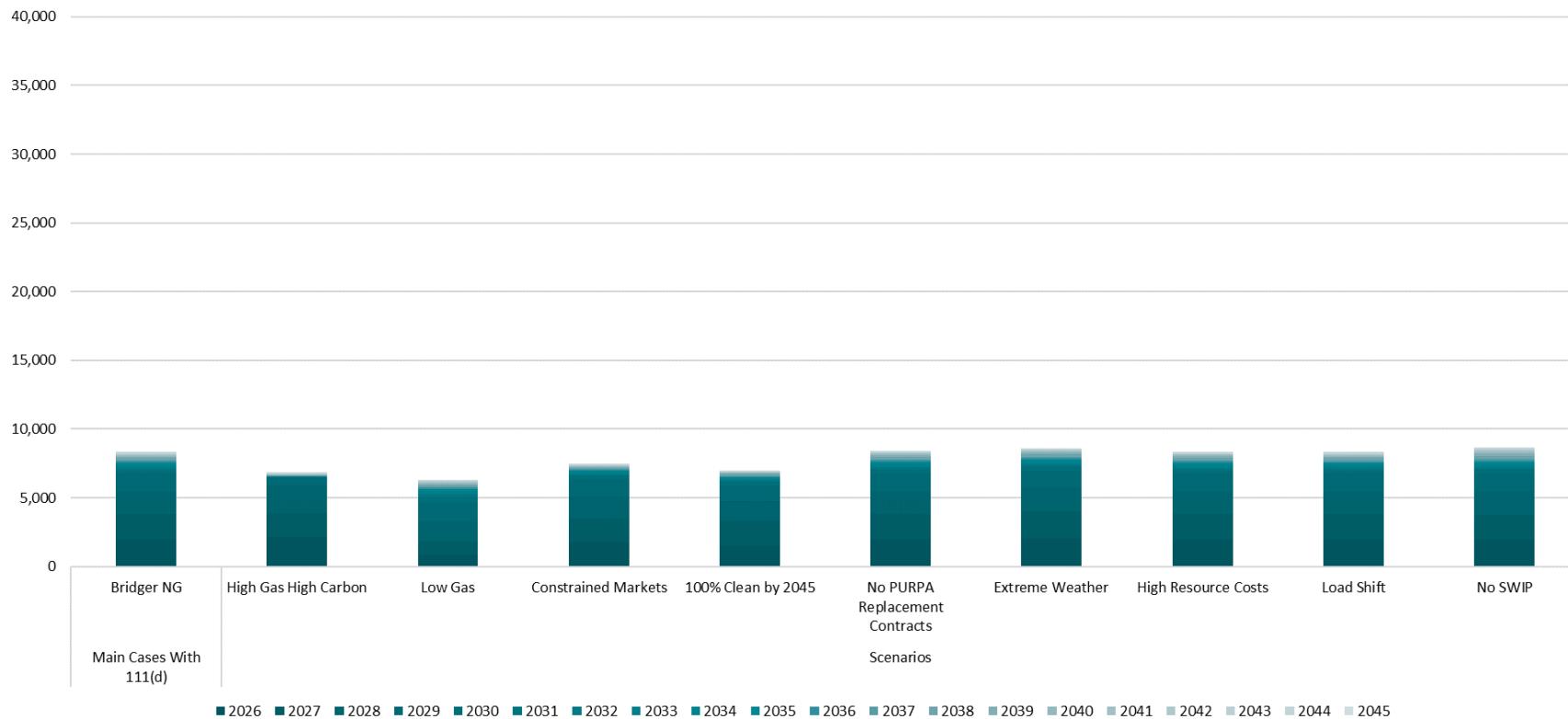
Large Load Cases SO₂ Emissions (Metric Tons)



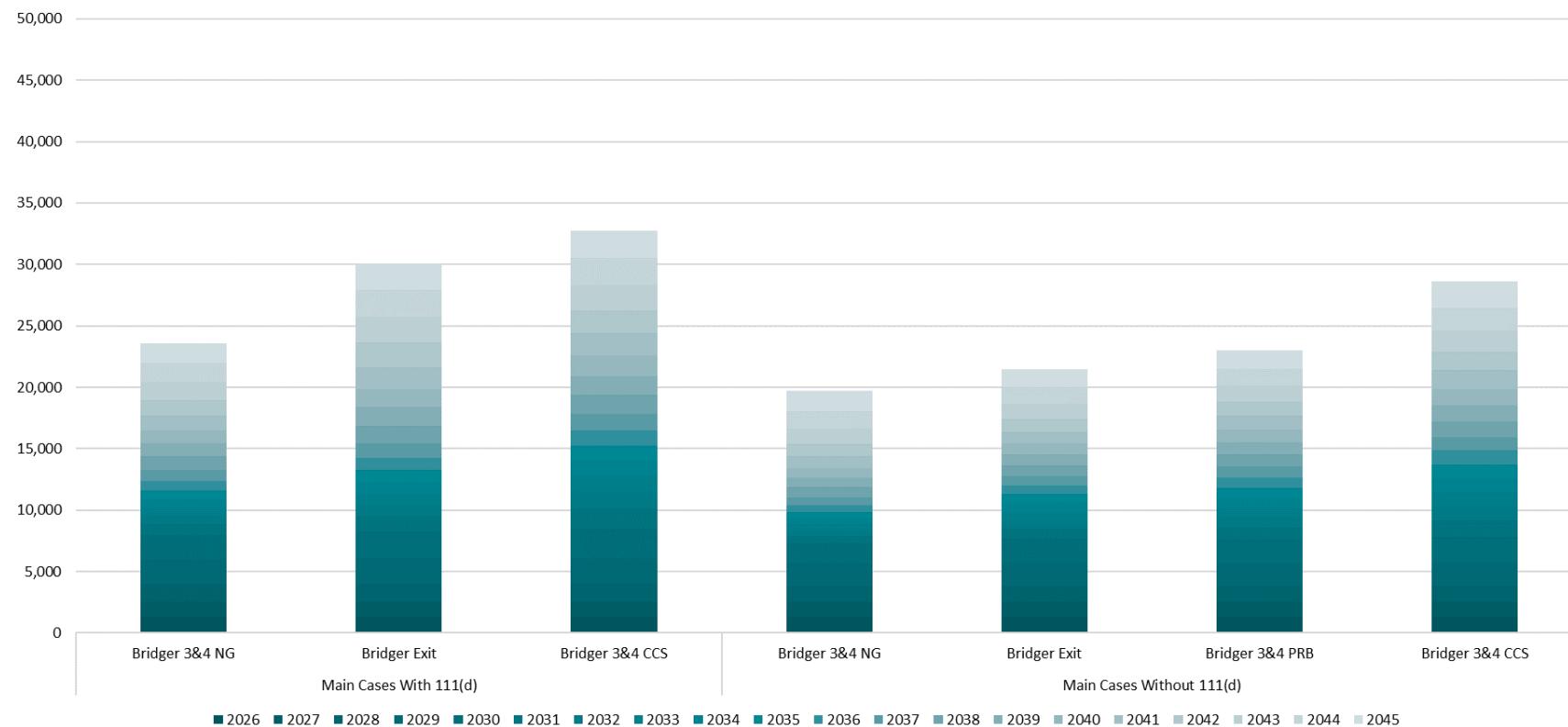
Validation Scenario SO₂ Emissions (Metric Tons)



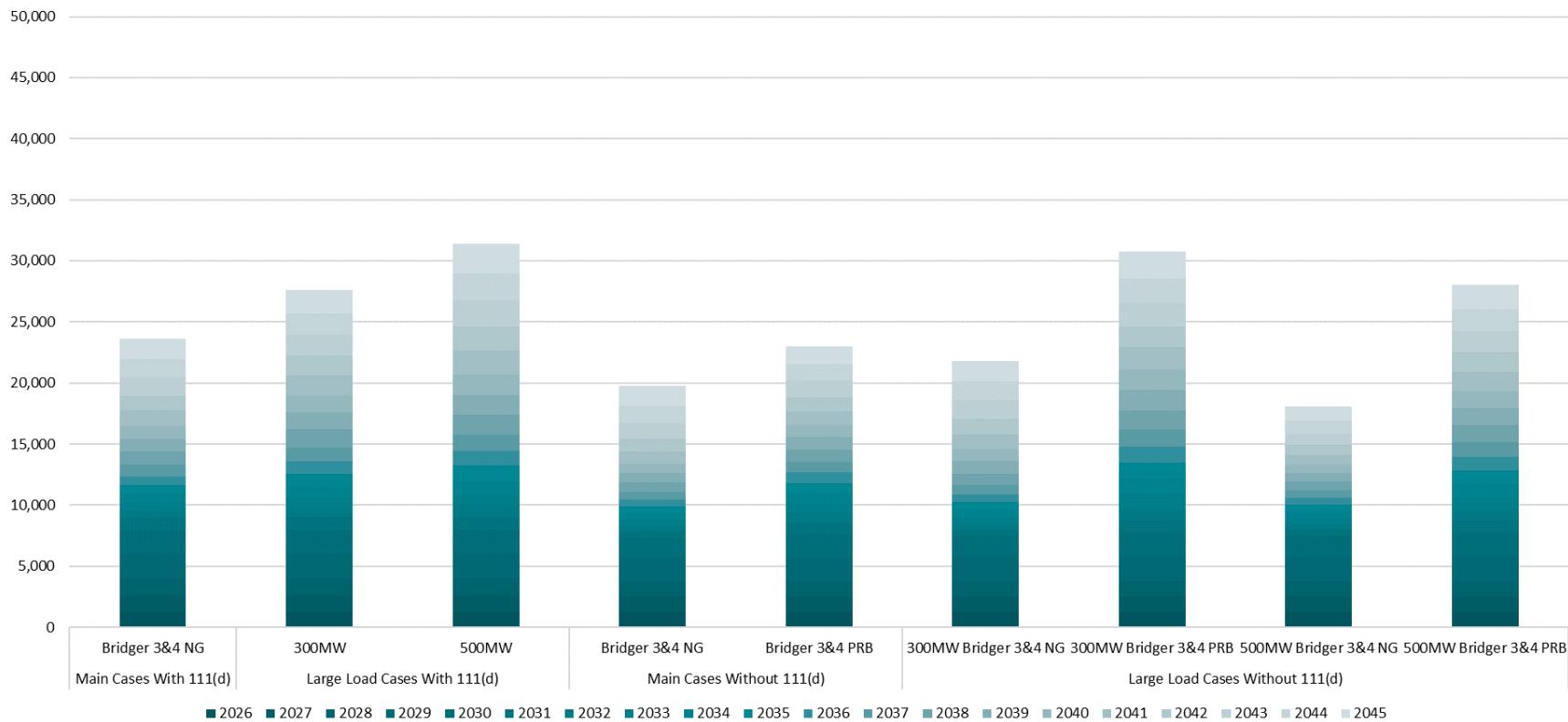
Scenarios and Sensitivities SO₂ Emissions (Metric Tons):



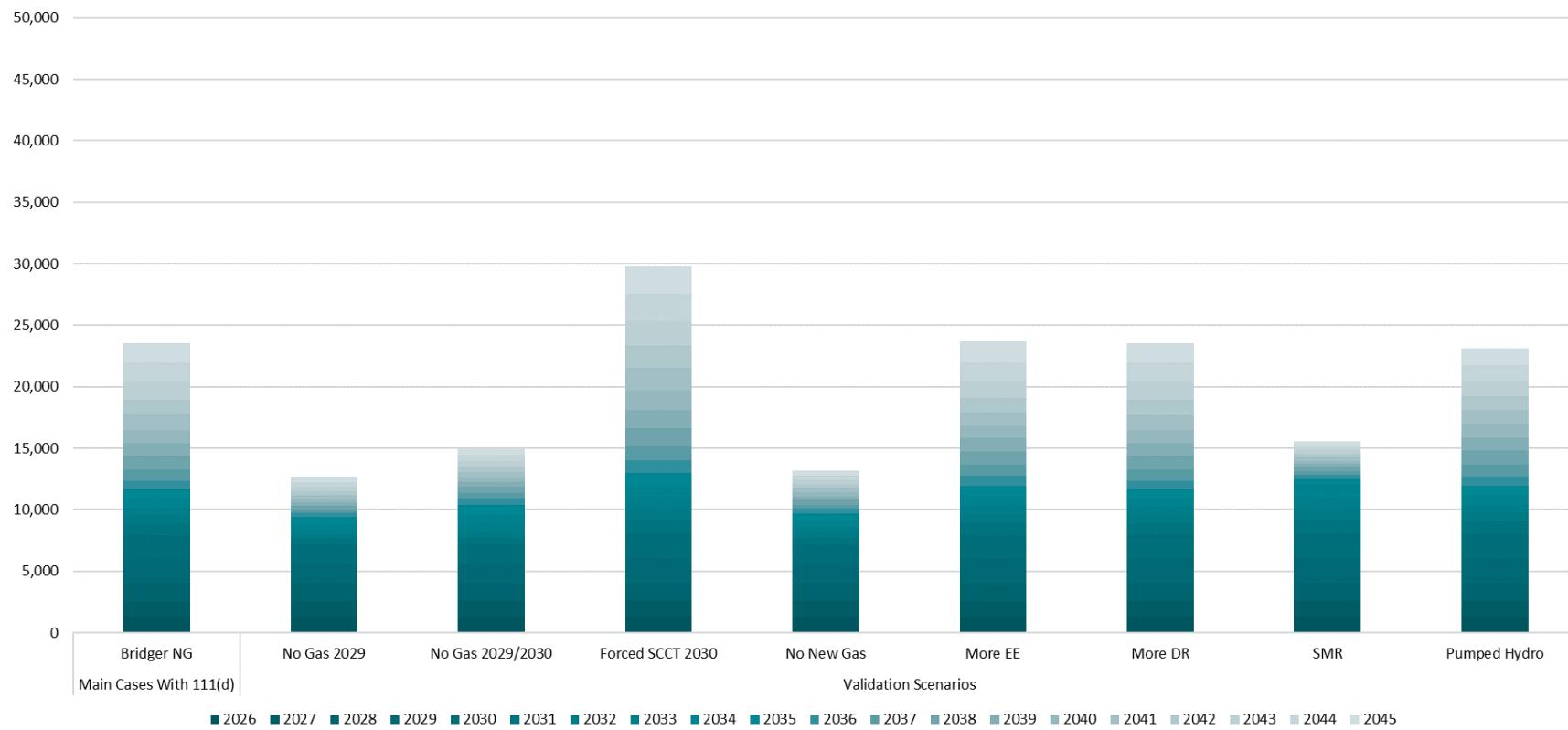
Main Cases NOx Emissions (Metric Tons)



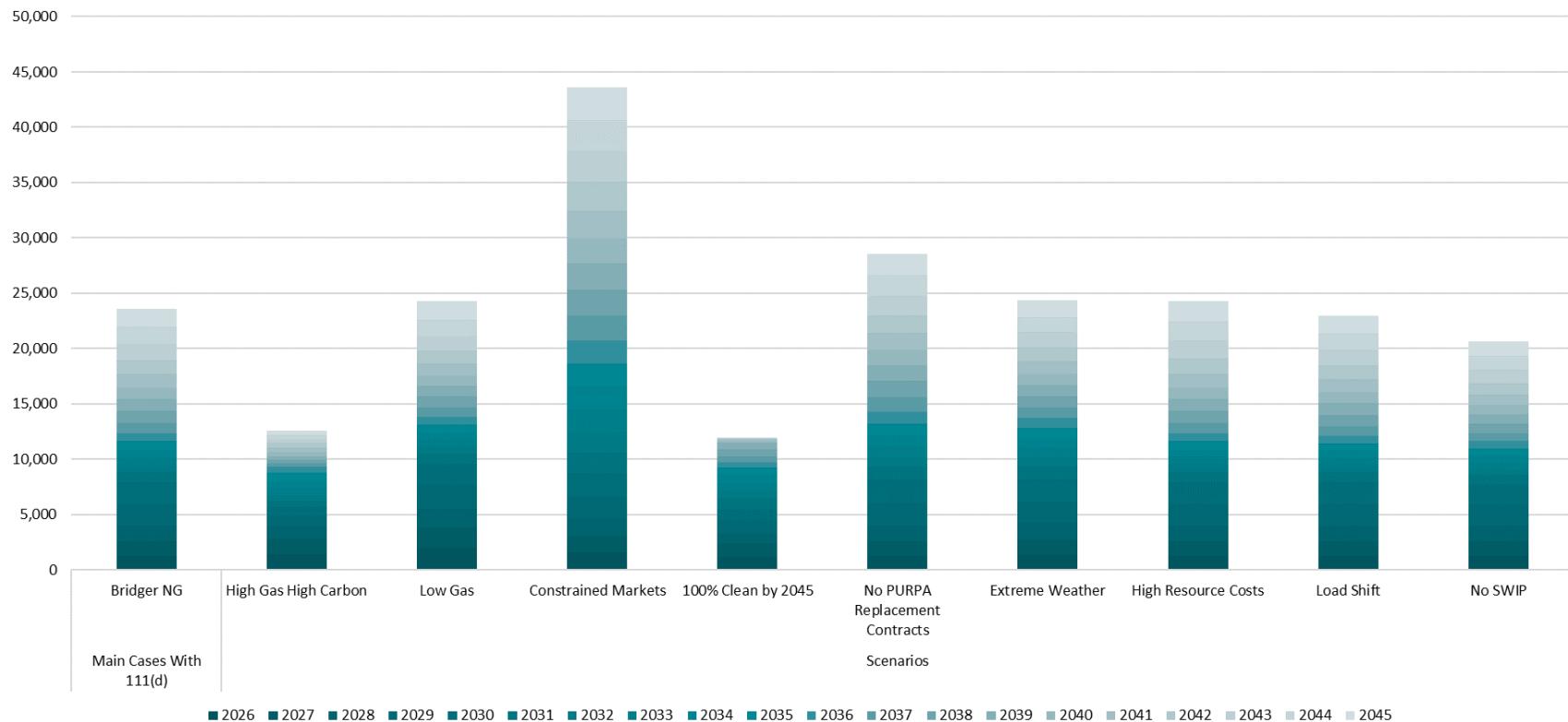
Large Load Cases NOx Emissions (Metric Tons)



Validation Scenario NOx Emissions (Metric Tons)



Scenarios and Sensitivities NOx Emissions (Metric Tons):



Portfolio Emissions

Main Cases CO₂ Emissions (Metric Tons)

| Year | Main Cases with 111(d) | | | Main Cases without 111(d) | | | |
|--------------|------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|-------------------|
| | Bridger 3&4 NG | Bridger Exit | Bridger 3&4 CCS | Bridger 3&4 NG | Bridger Exit | Bridger 3&4 PRB | Bridger 3&4 CCS |
| 2026 | 3,294,824 | 3,294,591 | 3,300,050 | 3,293,127 | 3,290,672 | 3,294,768 | 3,296,683 |
| 2027 | 3,486,777 | 3,491,464 | 3,490,261 | 3,429,622 | 3,434,988 | 3,432,653 | 3,437,226 |
| 2028 | 3,894,210 | 3,896,198 | 3,899,644 | 3,760,432 | 3,760,564 | 3,749,170 | 3,759,263 |
| 2029 | 4,313,844 | 4,361,721 | 4,360,542 | 4,474,916 | 4,537,843 | 4,472,994 | 4,540,683 |
| 2030 | 3,934,450 | 3,793,705 | 3,587,362 | 3,847,957 | 3,861,520 | 4,798,907 | 3,601,650 |
| 2031 | 1,912,934 | 1,938,412 | 1,904,606 | 1,537,986 | 1,585,802 | 2,779,593 | 1,563,973 |
| 2032 | 1,404,822 | 1,426,485 | 1,453,363 | 1,326,144 | 1,380,187 | 2,371,299 | 1,226,607 |
| 2033 | 1,323,846 | 1,344,720 | 1,192,382 | 1,358,334 | 1,425,522 | 2,301,426 | 1,040,181 |
| 2034 | 1,408,267 | 1,407,574 | 1,078,498 | 1,414,911 | 1,454,736 | 2,408,759 | 1,076,222 |
| 2035 | 1,535,209 | 1,445,759 | 1,147,023 | 1,499,998 | 1,457,227 | 2,510,003 | 1,152,001 |
| 2036 | 1,531,747 | 1,461,712 | 1,151,441 | 1,559,634 | 1,477,472 | 2,588,854 | 1,181,821 |
| 2037 | 1,748,179 | 1,632,675 | 1,343,369 | 1,716,911 | 1,540,780 | 2,838,025 | 1,305,867 |
| 2038 | 1,955,102 | 1,832,587 | 1,541,488 | 1,869,360 | 1,605,439 | 3,068,654 | 1,462,171 |
| 2039 | 2,031,619 | 1,873,840 | 1,615,798 | 1,846,589 | 1,663,585 | 3,123,346 | 1,522,331 |
| 2040 | 2,045,915 | 1,880,989 | 1,603,296 | 1,855,104 | 1,649,723 | 3,118,672 | 1,527,809 |
| 2041 | 2,153,020 | 1,978,422 | 1,720,466 | 1,957,031 | 1,592,466 | 3,280,149 | 1,616,053 |
| 2042 | 2,208,106 | 1,971,546 | 1,760,316 | 2,006,644 | 1,627,559 | 3,376,249 | 1,669,475 |
| 2043 | 2,419,375 | 2,208,906 | 1,953,686 | 2,188,742 | 1,797,965 | 3,606,761 | 1,857,558 |
| 2044 | 2,480,744 | 2,274,790 | 2,005,207 | 2,211,943 | 1,830,966 | 3,715,353 | 1,894,602 |
| 2045 | 2,752,450 | 2,349,600 | 2,256,298 | 2,422,085 | 1,876,091 | 3,991,897 | 2,100,261 |
| Total | 47,835,438 | 45,865,697 | 42,365,095 | 45,577,472 | 42,851,108 | 64,827,531 | 40,832,436 |

Large Load CO₂ Emissions (Metric Tons)

| Year | Main Cases with 111(d) | Large Load Cases with 111(d) | | Main Cases without 111(d) | | Large Load Cases without 111(d) | | | |
|--------------|---------------------------|---------------------------------|-------------------|---------------------------|--------------------|---------------------------------|------------------------------|-----------------------------|------------------------------|
| | Bridger 3&4 NG | 300 MW | 500 MW | Bridger 3&4 NG | Bridger 3&4 PRB | 300 MW Bridger 3&4 NG | 300 MW Bridger 3&4 PRB | 500 MW Bridger 3&4 NG | 500 MW Bridger 3&4 PRB |
| 2026 | 3,294,824 | 3,300,380 | 3,293,919 | 3,293,127 | 3,294,768 | 3,293,992 | 3,294,325 | 3,289,810 | 3,288,115 |
| 2027 | 3,486,777 | 3,484,287 | 3,484,162 | 3,429,622 | 3,432,653 | 3,423,099 | 3,438,526 | 3,435,217 | 3,434,320 |
| 2028 | 3,894,210 | 3,900,191 | 3,895,671 | 3,760,432 | 3,749,170 | 3,753,259 | 3,757,307 | 3,762,957 | 3,752,142 |
| 2029 | 4,313,844 | 4,370,393 | 4,372,219 | 4,474,916 | 4,472,994 | 4,592,526 | 4,597,844 | 4,596,628 | 4,593,795 |
| 2030 | 3,934,450 | 4,065,110 | 4,048,852 | 3,847,957 | 4,798,907 | 4,047,613 | 5,002,060 | 4,040,473 | 5,017,338 |
| 2031 | 1,912,934 | 2,023,618 | 2,007,500 | 1,537,986 | 2,779,593 | 1,923,514 | 2,944,493 | 1,923,759 | 2,937,637 |
| 2032 | 1,404,822 | 1,717,885 | 1,902,201 | 1,326,144 | 2,371,299 | 1,790,523 | 2,799,923 | 1,851,128 | 2,901,565 |
| 2033 | 1,323,846 | 1,957,230 | 2,030,005 | 1,358,334 | 2,301,426 | 2,007,910 | 3,038,313 | 2,229,296 | 3,228,546 |
| 2034 | 1,408,267 | 2,163,031 | 2,409,575 | 1,414,911 | 2,408,759 | 2,172,558 | 3,280,607 | 2,545,035 | 3,613,825 |
| 2035 | 1,535,209 | 2,293,123 | 2,563,804 | 1,499,998 | 2,510,003 | 2,278,918 | 3,459,346 | 2,610,461 | 3,772,964 |
| 2036 | 1,531,747 | 2,314,786 | 2,575,473 | 1,559,634 | 2,588,854 | 2,300,269 | 3,537,825 | 2,639,429 | 3,811,727 |
| 2037 | 1,748,179 | 2,553,736 | 2,842,554 | 1,716,911 | 2,838,025 | 2,471,489 | 3,805,778 | 2,784,325 | 4,096,079 |
| 2038 | 1,955,102 | 2,756,612 | 3,041,016 | 1,869,360 | 3,068,654 | 2,629,802 | 3,892,026 | 2,946,093 | 4,303,958 |
| 2039 | 2,031,619 | 2,813,482 | 3,124,395 | 1,846,589 | 3,123,346 | 2,659,482 | 3,927,940 | 2,967,452 | 4,344,907 |
| 2040 | 2,045,915 | 2,843,345 | 3,102,106 | 1,855,104 | 3,118,672 | 2,662,299 | 3,925,730 | 2,989,774 | 4,300,951 |
| 2041 | 2,153,020 | 2,953,372 | 3,216,582 | 1,957,031 | 3,280,149 | 2,748,650 | 4,034,405 | 3,066,437 | 4,428,194 |
| 2042 | 2,208,106 | 3,001,549 | 3,267,579 | 2,006,644 | 3,376,249 | 2,770,364 | 3,923,865 | 3,114,200 | 4,501,800 |
| 2043 | 2,419,375 | 3,235,222 | 3,473,097 | 2,188,742 | 3,606,761 | 2,946,953 | 4,128,103 | 3,283,616 | 4,723,470 |
| 2044 | 2,480,744 | 3,299,526 | 3,544,277 | 2,211,943 | 3,715,353 | 2,986,811 | 4,247,720 | 3,323,373 | 4,817,802 |
| 2045 | 2,752,450 | 3,602,827 | 3,893,081 | 2,422,085 | 3,991,897 | 3,143,491 | 4,511,294 | 3,446,704 | 5,084,157 |
| Total | 47,835,438 | 58,649,703 | 62,088,066 | 45,577,472 | 64,827,531 | 56,603,521 | 75,547,428 | 60,846,165 | 80,953,292 |

Validation Scenarios CO₂ Emissions (Metric Tons)

| Year | Main Cases with 111(d) | Validation Scenarios | | | | | | | |
|--------------|---------------------------|----------------------|-------------------|---------------------|---------------------|-------------------|-------------------|-------------------|-------------------|
| | | Bridger 3&4 NG | No Gas 2029 | No Gas 2029/2030 | Forced SCCT 2030 | No New Gas | More EE | More DR | SMR |
| 2026 | 3,294,824 | 3,294,722 | 3,291,982 | 3,291,263 | 3,293,838 | 3,290,479 | 3,295,231 | 3,292,470 | 3,298,366 |
| 2027 | 3,486,777 | 3,486,991 | 3,492,109 | 3,484,704 | 3,487,750 | 3,486,679 | 3,488,456 | 3,498,737 | 3,488,529 |
| 2028 | 3,894,210 | 3,898,106 | 3,896,170 | 3,893,994 | 3,899,326 | 3,894,000 | 3,899,498 | 3,897,736 | 3,898,462 |
| 2029 | 4,313,844 | 4,278,039 | 4,214,505 | 4,318,959 | 4,208,597 | 4,360,952 | 4,313,930 | 4,309,776 | 4,314,678 |
| 2030 | 3,934,450 | 3,920,413 | 3,786,293 | 3,937,441 | 3,772,343 | 3,974,607 | 3,927,485 | 3,935,539 | 3,873,813 |
| 2031 | 1,912,934 | 1,838,284 | 1,618,671 | 1,816,990 | 1,621,989 | 1,934,622 | 1,918,404 | 1,813,868 | 1,729,347 |
| 2032 | 1,404,822 | 1,438,406 | 1,399,518 | 1,374,866 | 1,368,067 | 1,433,195 | 1,403,207 | 1,382,417 | 1,372,461 |
| 2033 | 1,323,846 | 1,500,868 | 1,451,489 | 1,323,751 | 1,241,309 | 1,488,781 | 1,321,908 | 1,346,249 | 1,405,450 |
| 2034 | 1,408,267 | 1,573,866 | 1,528,944 | 1,308,064 | 1,323,910 | 1,557,668 | 1,397,202 | 1,438,337 | 1,481,260 |
| 2035 | 1,535,209 | 1,696,290 | 1,660,601 | 1,456,513 | 1,442,837 | 1,690,340 | 1,532,986 | 500,395 | 1,610,234 |
| 2036 | 1,531,747 | 1,410,974 | 1,263,432 | 1,452,758 | 1,252,188 | 1,593,539 | 1,535,143 | 404,770 | 1,611,525 |
| 2037 | 1,748,179 | 1,037,374 | 894,109 | 1,682,880 | 878,697 | 1,815,819 | 1,747,388 | 311,688 | 1,826,221 |
| 2038 | 1,955,102 | 1,062,900 | 917,829 | 1,882,322 | 896,582 | 1,924,033 | 1,950,862 | 388,953 | 2,046,614 |
| 2039 | 2,031,619 | 1,040,804 | 822,590 | 1,946,272 | 791,679 | 1,996,704 | 2,031,653 | 296,525 | 2,117,419 |
| 2040 | 2,045,915 | 1,028,116 | 795,960 | 1,924,840 | 788,527 | 1,909,102 | 2,045,984 | 223,053 | 2,131,494 |
| 2041 | 2,153,020 | 1,150,650 | 918,173 | 2,042,532 | 907,283 | 2,042,914 | 2,151,917 | 326,343 | 2,268,392 |
| 2042 | 2,208,106 | 1,195,023 | 869,636 | 2,093,242 | 951,978 | 2,077,796 | 2,208,017 | 364,989 | 2,318,736 |
| 2043 | 2,419,375 | 1,315,884 | 982,017 | 2,310,887 | 974,964 | 2,287,921 | 2,423,279 | 561,716 | 2,562,846 |
| 2044 | 2,480,744 | 1,244,994 | 822,670 | 2,374,309 | 918,650 | 2,353,275 | 2,479,913 | 509,237 | 2,609,588 |
| 2045 | 2,752,450 | 1,487,315 | 955,396 | 2,653,900 | 1,041,060 | 2,608,205 | 2,754,201 | 466,095 | 2,900,818 |
| Total | 47,835,438 | 38,900,018 | 35,582,093 | 46,570,488 | 35,061,575 | 47,720,631 | 47,826,664 | 29,268,893 | 48,866,253 |

Scenarios and Sensitivities CO₂ Emissions (Metric Tons)

| Year | Main Cases with 111(d) | Scenarios and Sensitivities | | | | | | | | |
|--------------|------------------------|-----------------------------|----------------------|-------------------|---------------------|--------------------|--------------------------------|-------------------|---------------------|-------------------|
| | | Bridger 3&4 NG | High Gas High Carbon | Low Gas | Constrained Markets | 100% Clean by 2045 | No PURPA Replacement Contracts | Extreme Weather | High Resource Costs | Load Shift |
| 2026 | 3,294,824 | 3,354,847 | 3,970,377 | 3,762,972 | 2,720,998 | 3,302,369 | 3,523,856 | 3,289,133 | 3,293,967 | 3,290,599 |
| 2027 | 3,486,777 | 3,664,579 | 4,040,923 | 3,930,257 | 3,301,901 | 3,504,183 | 3,698,677 | 3,500,146 | 3,487,330 | 3,490,938 |
| 2028 | 3,894,210 | 3,451,120 | 4,514,670 | 4,104,611 | 2,739,367 | 3,912,288 | 4,096,463 | 3,901,308 | 3,893,491 | 3,895,029 |
| 2029 | 4,313,844 | 2,126,715 | 4,886,641 | 4,316,808 | 2,982,102 | 4,358,635 | 4,060,056 | 4,318,001 | 4,294,157 | 4,416,674 |
| 2030 | 3,934,450 | 1,776,996 | 4,147,196 | 4,036,111 | 1,973,755 | 3,998,126 | 3,631,424 | 3,930,484 | 3,913,630 | 4,053,457 |
| 2031 | 1,912,934 | 848,121 | 1,870,725 | 3,385,221 | 1,788,584 | 1,893,627 | 1,692,699 | 1,915,245 | 1,904,689 | 1,968,449 |
| 2032 | 1,404,822 | 861,796 | 1,414,926 | 3,400,353 | 1,166,905 | 1,685,568 | 1,162,886 | 1,398,094 | 1,394,346 | 1,417,470 |
| 2033 | 1,323,846 | 942,438 | 1,320,404 | 3,522,468 | 921,827 | 1,849,471 | 1,140,817 | 1,324,008 | 1,227,542 | 1,450,178 |
| 2034 | 1,408,267 | 1,053,103 | 1,382,580 | 3,480,252 | 969,318 | 1,911,922 | 1,199,512 | 1,398,883 | 1,303,934 | 1,522,951 |
| 2035 | 1,535,209 | 1,094,406 | 1,547,762 | 3,299,481 | 881,358 | 1,974,421 | 1,329,399 | 1,535,333 | 1,443,468 | 1,676,920 |
| 2036 | 1,531,747 | 842,006 | 1,555,927 | 3,362,834 | 641,242 | 2,001,242 | 1,307,977 | 1,531,077 | 1,440,428 | 1,699,020 |
| 2037 | 1,748,179 | 525,860 | 1,821,084 | 3,661,741 | 650,139 | 2,512,471 | 1,225,829 | 1,746,422 | 1,648,090 | 1,710,832 |
| 2038 | 1,955,102 | 560,307 | 2,004,625 | 3,851,430 | 542,253 | 2,751,759 | 1,328,139 | 1,963,178 | 1,860,832 | 1,865,142 |
| 2039 | 2,031,619 | 597,241 | 2,114,966 | 3,845,968 | 562,350 | 2,714,519 | 1,410,577 | 2,033,827 | 1,919,589 | 1,867,656 |
| 2040 | 2,045,915 | 638,573 | 2,135,968 | 3,794,284 | 353,362 | 2,741,637 | 1,387,529 | 2,043,673 | 1,938,649 | 1,823,949 |
| 2041 | 2,153,020 | 665,889 | 2,260,000 | 3,939,460 | 267,641 | 2,798,357 | 1,482,359 | 2,155,516 | 2,049,472 | 1,940,668 |
| 2042 | 2,208,106 | 609,783 | 2,307,776 | 4,038,113 | 41,467 | 2,849,000 | 1,521,798 | 2,185,484 | 2,103,420 | 1,992,246 |
| 2043 | 2,419,375 | 553,885 | 2,521,334 | 4,293,733 | 33,509 | 3,004,739 | 1,738,540 | 2,396,899 | 2,317,781 | 2,195,204 |
| 2044 | 2,480,744 | 503,536 | 2,596,427 | 4,114,598 | 31,659 | 3,070,311 | 1,671,293 | 2,468,566 | 2,373,697 | 2,234,372 |
| 2045 | 2,752,450 | 541,616 | 2,873,133 | 4,339,542 | 21,252 | 3,352,899 | 1,969,868 | 2,722,117 | 2,641,047 | 2,506,730 |
| Total | 47,835,438 | 25,212,816 | 51,287,445 | 76,480,238 | 22,590,989 | 56,187,546 | 40,579,700 | 47,757,393 | 46,449,556 | 47,018,484 |

Main Cases SO₂ Emissions (Metric Tons)

| Year | Main Cases with 111(d) | | | Main Cases without 111(d) | | | |
|--------------|------------------------|--------------|-----------------|---------------------------|--------------|-----------------|-----------------|
| | Bridger 3&4 NG | Bridger Exit | Bridger 3&4 CCS | Bridger 3&4 NG | Bridger Exit | Bridger 3&4 PRB | Bridger 3&4 CCS |
| 2026 | 1,943 | 1,945 | 1,951 | 1,957 | 1,954 | 1,959 | 1,960 |
| 2027 | 1,858 | 1,860 | 1,857 | 1,873 | 1,880 | 1,879 | 1,880 |
| 2028 | 1,636 | 1,636 | 1,638 | 1,761 | 1,756 | 1,755 | 1,756 |
| 2029 | 1,342 | 1,356 | 1,356 | 1,550 | 1,559 | 1,550 | 1,564 |
| 2030 | 236 | 249 | 1,631 | 356 | 357 | 1,409 | 1,760 |
| 2031 | 123 | 123 | 1,789 | 192 | 192 | 1,235 | 1,903 |
| 2032 | 97 | 97 | 1,802 | 133 | 134 | 1,137 | 1,872 |
| 2033 | 105 | 105 | 1,855 | 124 | 125 | 1,103 | 1,898 |
| 2034 | 107 | 110 | 1,869 | 116 | 119 | 1,170 | 1,887 |
| 2035 | 107 | 106 | 1,871 | 109 | 110 | 1,207 | 1,882 |
| 2036 | 95 | 98 | 1,882 | 103 | 105 | 1,260 | 1,893 |
| 2037 | 94 | 95 | 1,903 | 91 | 91 | 1,377 | 1,906 |
| 2038 | 161 | 162 | 1,979 | 160 | 160 | 1,531 | 1,983 |
| 2039 | 107 | 105 | 1,897 | 111 | 108 | 1,489 | 1,894 |
| 2040 | 64 | 65 | 1,862 | 61 | 61 | 1,432 | 1,861 |
| 2041 | 59 | 58 | 1,845 | 59 | 61 | 1,505 | 1,846 |
| 2042 | 48 | 47 | 1,852 | 49 | 49 | 1,557 | 1,856 |
| 2043 | 47 | 46 | 1,853 | 45 | 43 | 1,620 | 1,857 |
| 2044 | 43 | 43 | 1,880 | 45 | 42 | 1,682 | 1,880 |
| 2045 | 48 | 47 | 1,879 | 48 | 48 | 1,782 | 1,883 |
| Total | 8,321 | 8,354 | 36,451 | 8,943 | 8,957 | 29,641 | 37,223 |

Large Load SO₂ Emissions (Metric Tons)

| Year | Main Cases with 111(d) | Large Load Cases with 111(d) | | Main Cases without 111(d) | | Large Load Cases without 111(d) | | | |
|--------------|---------------------------|---------------------------------|--------------|---------------------------|--------------------|---------------------------------|------------------------------|-----------------------------|------------------------------|
| | Bridger 3&4 NG | 300 MW | 500 MW | Bridger 3&4 NG | Bridger 3&4 PRB | 300 MW Bridger 3&4 NG | 300 MW Bridger 3&4 PRB | 500 MW Bridger 3&4 NG | 500 MW Bridger 3&4 PRB |
| 2026 | 1,943 | 1,948 | 1,944 | 1,957 | 1,959 | 1,957 | 1,959 | 1,957 | 1,947 |
| 2027 | 1,858 | 1,850 | 1,860 | 1,873 | 1,879 | 1,883 | 1,882 | 1,879 | 1,876 |
| 2028 | 1,636 | 1,635 | 1,636 | 1,761 | 1,755 | 1,756 | 1,757 | 1,758 | 1,758 |
| 2029 | 1,342 | 1,353 | 1,355 | 1,550 | 1,550 | 1,574 | 1,575 | 1,572 | 1,576 |
| 2030 | 236 | 246 | 240 | 356 | 1,409 | 379 | 1,458 | 373 | 1,456 |
| 2031 | 123 | 138 | 138 | 192 | 1,235 | 182 | 1,283 | 182 | 1,281 |
| 2032 | 97 | 99 | 107 | 133 | 1,137 | 137 | 1,216 | 136 | 1,247 |
| 2033 | 105 | 112 | 119 | 124 | 1,103 | 133 | 1,270 | 135 | 1,198 |
| 2034 | 107 | 117 | 123 | 116 | 1,170 | 125 | 1,382 | 130 | 1,334 |
| 2035 | 107 | 117 | 123 | 109 | 1,207 | 118 | 1,490 | 121 | 1,423 |
| 2036 | 95 | 105 | 111 | 103 | 1,260 | 111 | 1,547 | 116 | 1,450 |
| 2037 | 94 | 99 | 106 | 91 | 1,377 | 97 | 1,666 | 100 | 1,594 |
| 2038 | 161 | 178 | 187 | 160 | 1,531 | 170 | 1,762 | 181 | 1,734 |
| 2039 | 107 | 112 | 129 | 111 | 1,489 | 114 | 1,700 | 120 | 1,686 |
| 2040 | 64 | 70 | 78 | 61 | 1,432 | 67 | 1,642 | 73 | 1,593 |
| 2041 | 59 | 63 | 71 | 59 | 1,505 | 65 | 1,649 | 70 | 1,619 |
| 2042 | 48 | 53 | 59 | 49 | 1,557 | 54 | 1,656 | 59 | 1,650 |
| 2043 | 47 | 52 | 56 | 45 | 1,620 | 51 | 1,684 | 55 | 1,707 |
| 2044 | 43 | 50 | 56 | 45 | 1,682 | 50 | 1,762 | 53 | 1,764 |
| 2045 | 48 | 54 | 58 | 48 | 1,782 | 53 | 1,844 | 58 | 1,838 |
| Total | 8,321 | 8,449 | 8,556 | 8,943 | 29,641 | 9,077 | 32,184 | 9,128 | 31,731 |

Validation Scenarios SO₂ Emissions (Metric Tons)

| Year | Main Cases with 111(d) Bridger 3&4 NG | Validation Scenarios | | | | | | | |
|--------------|--|----------------------|------------------|---------------------|--------------|--------------|--------------|--------------|-----------------|
| | | No Gas 2029 | No Gas 2029/2030 | Forced SCCT 2030 | No New Gas | More EE | More DR | SMR | Pumped Hydro |
| 2026 | 1,943 | 1,944 | 1,940 | 1,945 | 1,942 | 1,940 | 1,944 | 1,941 | 1,947 |
| 2027 | 1,858 | 1,851 | 1,858 | 1,862 | 1,858 | 1,860 | 1,852 | 1,859 | 1,860 |
| 2028 | 1,636 | 1,632 | 1,636 | 1,635 | 1,635 | 1,634 | 1,635 | 1,634 | 1,632 |
| 2029 | 1,342 | 1,375 | 1,360 | 1,345 | 1,360 | 1,358 | 1,344 | 1,343 | 1,341 |
| 2030 | 236 | 247 | 261 | 250 | 259 | 238 | 234 | 249 | 256 |
| 2031 | 123 | 131 | 143 | 140 | 143 | 129 | 125 | 143 | 140 |
| 2032 | 97 | 102 | 106 | 102 | 105 | 99 | 99 | 104 | 98 |
| 2033 | 105 | 113 | 114 | 107 | 113 | 110 | 104 | 106 | 112 |
| 2034 | 107 | 112 | 115 | 107 | 116 | 108 | 108 | 108 | 112 |
| 2035 | 107 | 112 | 113 | 109 | 115 | 108 | 108 | 89 | 111 |
| 2036 | 95 | 100 | 103 | 97 | 103 | 96 | 95 | 80 | 102 |
| 2037 | 94 | 93 | 96 | 96 | 97 | 94 | 94 | 79 | 100 |
| 2038 | 161 | 178 | 183 | 160 | 180 | 158 | 156 | 162 | 175 |
| 2039 | 107 | 130 | 142 | 116 | 133 | 110 | 108 | 114 | 112 |
| 2040 | 64 | 67 | 67 | 64 | 70 | 63 | 64 | 57 | 63 |
| 2041 | 59 | 61 | 65 | 61 | 63 | 58 | 58 | 54 | 58 |
| 2042 | 48 | 51 | 52 | 51 | 52 | 49 | 49 | 43 | 47 |
| 2043 | 47 | 47 | 49 | 49 | 47 | 45 | 46 | 37 | 47 |
| 2044 | 43 | 43 | 44 | 44 | 42 | 45 | 44 | 36 | 43 |
| 2045 | 48 | 46 | 46 | 52 | 45 | 48 | 48 | 39 | 47 |
| Total | 8,321 | 8,437 | 8,493 | 8,390 | 8,475 | 8,351 | 8,314 | 8,276 | 8,401 |

Scenarios and Sensitivities SO₂ Emissions (Metric Tons)

| Year | Main Cases with 111(d) | Scenarios and Sensitivities | | | | | | | | |
|--------------|------------------------|-----------------------------|----------------------|--------------|---------------------|--------------------|--------------------------------|-----------------|---------------------|--------------|
| | | Bridger 3&4 NG | High Gas High Carbon | Low Gas | Constrained Markets | 100% Clean by 2045 | No PURPA Replacement Contracts | Extreme Weather | High Resource Costs | Load Shift |
| 2026 | 1,943 | 2,155 | 836 | 1,754 | 1,453 | 1,948 | 2,047 | 1,941 | 1,945 | 1,940 |
| 2027 | 1,858 | 1,757 | 978 | 1,719 | 1,883 | 1,858 | 1,959 | 1,857 | 1,857 | 1,853 |
| 2028 | 1,636 | 1,942 | 1,470 | 1,575 | 1,406 | 1,636 | 1,710 | 1,634 | 1,635 | 1,644 |
| 2029 | 1,342 | 585 | 1,379 | 1,322 | 1,108 | 1,355 | 1,306 | 1,349 | 1,338 | 1,360 |
| 2030 | 236 | 50 | 339 | 237 | 313 | 252 | 236 | 234 | 231 | 245 |
| 2031 | 123 | 13 | 178 | 92 | 89 | 149 | 123 | 126 | 123 | 129 |
| 2032 | 97 | 13 | 126 | 67 | 68 | 100 | 96 | 96 | 98 | 96 |
| 2033 | 105 | 17 | 120 | 78 | 63 | 109 | 108 | 103 | 106 | 112 |
| 2034 | 107 | 17 | 115 | 76 | 67 | 108 | 108 | 109 | 106 | 113 |
| 2035 | 107 | 19 | 101 | 70 | 73 | 110 | 111 | 106 | 105 | 123 |
| 2036 | 95 | 14 | 93 | 62 | 57 | 102 | 100 | 95 | 95 | 115 |
| 2037 | 94 | 12 | 88 | 60 | 58 | 97 | 95 | 93 | 93 | 107 |
| 2038 | 161 | 32 | 121 | 73 | 78 | 169 | 167 | 166 | 163 | 212 |
| 2039 | 107 | 29 | 79 | 48 | 65 | 105 | 118 | 109 | 110 | 173 |
| 2040 | 64 | 29 | 47 | 38 | 32 | 64 | 62 | 63 | 64 | 90 |
| 2041 | 59 | 27 | 47 | 40 | 29 | 57 | 59 | 59 | 61 | 82 |
| 2042 | 48 | 24 | 38 | 38 | 24 | 49 | 48 | 49 | 50 | 72 |
| 2043 | 47 | 22 | 38 | 38 | 21 | 49 | 42 | 46 | 45 | 69 |
| 2044 | 43 | 21 | 34 | 35 | 17 | 46 | 43 | 45 | 45 | 58 |
| 2045 | 48 | 22 | 41 | 39 | 17 | 51 | 48 | 48 | 47 | 58 |
| Total | 8,321 | 6,798 | 6,267 | 7,461 | 6,920 | 8,413 | 8,586 | 8,328 | 8,318 | 8,651 |

Main Cases NOx Emissions (Metric Tons)

| Year | Main Cases with 111(d) | | | Main Cases without 111(d) | | | |
|--------------|------------------------|---------------|-----------------|---------------------------|---------------|-----------------|-----------------|
| | Bridger 3&4 NG | Bridger Exit | Bridger 3&4 CCS | Bridger 3&4 NG | Bridger Exit | Bridger 3&4 PRB | Bridger 3&4 CCS |
| 2026 | 1,253 | 1,254 | 1,260 | 1,255 | 1,251 | 1,256 | 1,258 |
| 2027 | 1,314 | 1,320 | 1,318 | 1,265 | 1,278 | 1,265 | 1,275 |
| 2028 | 1,410 | 1,409 | 1,415 | 1,268 | 1,264 | 1,260 | 1,266 |
| 2029 | 2,026 | 2,047 | 2,047 | 1,923 | 1,946 | 1,925 | 1,947 |
| 2030 | 1,917 | 2,212 | 2,419 | 1,583 | 1,950 | 1,862 | 2,087 |
| 2031 | 948 | 1,224 | 1,624 | 587 | 812 | 997 | 1,322 |
| 2032 | 697 | 931 | 1,408 | 468 | 656 | 818 | 1,173 |
| 2033 | 641 | 932 | 1,288 | 480 | 712 | 774 | 1,127 |
| 2034 | 693 | 967 | 1,240 | 486 | 710 | 816 | 1,136 |
| 2035 | 721 | 955 | 1,238 | 536 | 707 | 829 | 1,123 |
| 2036 | 746 | 970 | 1,249 | 575 | 718 | 858 | 1,135 |
| 2037 | 917 | 1,198 | 1,341 | 635 | 747 | 854 | 1,108 |
| 2038 | 1,079 | 1,415 | 1,514 | 812 | 861 | 1,005 | 1,257 |
| 2039 | 1,070 | 1,521 | 1,565 | 775 | 909 | 1,017 | 1,324 |
| 2040 | 1,044 | 1,526 | 1,676 | 757 | 946 | 994 | 1,347 |
| 2041 | 1,232 | 1,728 | 1,773 | 962 | 909 | 1,127 | 1,476 |
| 2042 | 1,244 | 2,031 | 1,855 | 1,025 | 1,004 | 1,147 | 1,534 |
| 2043 | 1,481 | 2,105 | 2,122 | 1,269 | 1,306 | 1,344 | 1,755 |
| 2044 | 1,513 | 2,157 | 2,137 | 1,396 | 1,322 | 1,350 | 1,811 |
| 2045 | 1,637 | 2,209 | 2,288 | 1,686 | 1,468 | 1,496 | 2,134 |
| Total | 23,584 | 30,111 | 32,779 | 19,741 | 21,476 | 22,994 | 28,598 |

Large Load NOx Emissions (Metric Tons)

| Year | Main Cases with 111(d) | Large Load Cases with 111(d) | | Main Cases without 111(d) | | Large Load Cases without 111(d) | | | |
|--------------|---------------------------|---------------------------------|---------------|---------------------------|--------------------|---------------------------------|------------------------------|-----------------------------|------------------------------|
| | Bridger 3&4 NG | 300 MW | 500 MW | Bridger 3&4 NG | Bridger 3&4 PRB | 300 MW Bridger 3&4 NG | 300 MW Bridger 3&4 PRB | 500 MW Bridger 3&4 NG | 500 MW Bridger 3&4 PRB |
| 2026 | 1,253 | 1,260 | 1,253 | 1,255 | 1,256 | 1,255 | 1,258 | 1,254 | 1,248 |
| 2027 | 1,314 | 1,310 | 1,317 | 1,265 | 1,265 | 1,272 | 1,276 | 1,268 | 1,267 |
| 2028 | 1,410 | 1,415 | 1,411 | 1,268 | 1,260 | 1,261 | 1,263 | 1,272 | 1,262 |
| 2029 | 2,026 | 2,052 | 2,053 | 1,923 | 1,925 | 1,972 | 1,971 | 1,973 | 1,969 |
| 2030 | 1,917 | 1,978 | 1,967 | 1,583 | 1,862 | 1,655 | 1,940 | 1,654 | 1,944 |
| 2031 | 948 | 1,010 | 1,002 | 587 | 997 | 579 | 1,045 | 580 | 1,040 |
| 2032 | 697 | 709 | 983 | 468 | 818 | 468 | 1,014 | 480 | 968 |
| 2033 | 641 | 831 | 909 | 480 | 774 | 519 | 1,135 | 446 | 896 |
| 2034 | 693 | 945 | 1,112 | 486 | 816 | 595 | 1,232 | 530 | 1,089 |
| 2035 | 721 | 1,038 | 1,216 | 536 | 829 | 663 | 1,300 | 563 | 1,142 |
| 2036 | 746 | 1,050 | 1,207 | 575 | 858 | 654 | 1,325 | 557 | 1,137 |
| 2037 | 917 | 1,131 | 1,312 | 635 | 854 | 763 | 1,428 | 619 | 1,206 |
| 2038 | 1,079 | 1,442 | 1,622 | 812 | 1,005 | 911 | 1,572 | 750 | 1,368 |
| 2039 | 1,070 | 1,418 | 1,616 | 775 | 1,017 | 1,011 | 1,655 | 698 | 1,412 |
| 2040 | 1,044 | 1,402 | 1,725 | 757 | 994 | 992 | 1,678 | 660 | 1,404 |
| 2041 | 1,232 | 1,603 | 1,922 | 962 | 1,127 | 1,167 | 1,833 | 780 | 1,537 |
| 2042 | 1,244 | 1,621 | 1,947 | 1,025 | 1,147 | 1,322 | 1,705 | 813 | 1,606 |
| 2043 | 1,481 | 1,727 | 2,188 | 1,269 | 1,344 | 1,529 | 1,951 | 973 | 1,773 |
| 2044 | 1,513 | 1,739 | 2,203 | 1,396 | 1,350 | 1,514 | 1,976 | 1,026 | 1,762 |
| 2045 | 1,637 | 1,909 | 2,405 | 1,686 | 1,496 | 1,665 | 2,215 | 1,161 | 1,973 |
| Total | 23,584 | 27,589 | 31,369 | 19,741 | 22,994 | 21,768 | 30,771 | 18,056 | 28,004 |

Validation Scenarios NOx Emissions (Metric Tons)

| Year | Main Cases with 111(d) Bridger 3&4 NG | Validation Scenarios | | | | | | | |
|--------------|--|----------------------|------------------|---------------------|---------------|---------------|---------------|---------------|-----------------|
| | | No Gas 2029 | No Gas 2029/2030 | Forced SCCT 2030 | No New Gas | More EE | More DR | SMR | Pumped Hydro |
| 2026 | 1,253 | 1,254 | 1,251 | 1,252 | 1,252 | 1,250 | 1,255 | 1,252 | 1,257 |
| 2027 | 1,314 | 1,313 | 1,320 | 1,317 | 1,318 | 1,315 | 1,315 | 1,324 | 1,317 |
| 2028 | 1,410 | 1,415 | 1,413 | 1,411 | 1,416 | 1,409 | 1,414 | 1,411 | 1,410 |
| 2029 | 2,026 | 1,621 | 1,594 | 2,029 | 1,593 | 2,049 | 2,026 | 2,022 | 2,028 |
| 2030 | 1,917 | 1,525 | 1,597 | 2,091 | 1,591 | 1,933 | 1,911 | 2,091 | 2,018 |
| 2031 | 948 | 534 | 575 | 1,101 | 576 | 958 | 954 | 1,101 | 1,017 |
| 2032 | 697 | 366 | 490 | 879 | 478 | 712 | 696 | 875 | 670 |
| 2033 | 641 | 414 | 660 | 946 | 438 | 730 | 645 | 965 | 683 |
| 2034 | 693 | 445 | 700 | 926 | 477 | 763 | 686 | 1,009 | 727 |
| 2035 | 721 | 483 | 769 | 1,018 | 523 | 839 | 728 | 416 | 781 |
| 2036 | 746 | 368 | 566 | 1,043 | 440 | 776 | 729 | 351 | 778 |
| 2037 | 917 | 236 | 403 | 1,232 | 291 | 963 | 912 | 270 | 961 |
| 2038 | 1,079 | 332 | 481 | 1,374 | 381 | 1,063 | 1,075 | 362 | 1,120 |
| 2039 | 1,070 | 318 | 430 | 1,502 | 333 | 1,060 | 1,072 | 279 | 1,108 |
| 2040 | 1,044 | 262 | 374 | 1,607 | 298 | 989 | 1,042 | 219 | 1,079 |
| 2041 | 1,232 | 300 | 421 | 1,803 | 332 | 1,045 | 1,229 | 259 | 1,133 |
| 2042 | 1,244 | 310 | 396 | 1,820 | 344 | 1,198 | 1,243 | 281 | 1,138 |
| 2043 | 1,481 | 361 | 534 | 2,061 | 358 | 1,427 | 1,482 | 397 | 1,260 |
| 2044 | 1,513 | 327 | 443 | 2,106 | 338 | 1,461 | 1,513 | 347 | 1,262 |
| 2045 | 1,637 | 534 | 591 | 2,247 | 378 | 1,743 | 1,637 | 359 | 1,399 |
| Total | 23,584 | 12,716 | 15,009 | 29,766 | 13,155 | 23,682 | 23,563 | 15,589 | 23,147 |

Scenarios and Sensitivities NOx Emissions (Metric Tons)

| Year | Main Cases with 111(d) | Scenarios and Sensitivities | | | | | | | | |
|--------------|------------------------|-----------------------------|----------------------|---------------|---------------------|--------------------|--------------------------------|-----------------|---------------------|---------------|
| | | Bridger 3&4 NG | High Gas High Carbon | Low Gas | Constrained Markets | 100% Clean by 2045 | No PURPA Replacement Contracts | Extreme Weather | High Resource Costs | Load Shift |
| 2026 | 1,253 | 1,399 | 1,992 | 1,548 | 1,222 | 1,256 | 1,359 | 1,250 | 1,254 | 1,250 |
| 2027 | 1,314 | 1,388 | 1,839 | 1,511 | 1,173 | 1,323 | 1,416 | 1,321 | 1,318 | 1,317 |
| 2028 | 1,410 | 1,215 | 1,688 | 1,514 | 894 | 1,419 | 1,505 | 1,413 | 1,408 | 1,426 |
| 2029 | 2,026 | 899 | 2,204 | 2,013 | 1,244 | 2,043 | 1,879 | 2,031 | 2,019 | 1,917 |
| 2030 | 1,917 | 816 | 1,856 | 2,115 | 915 | 2,124 | 2,025 | 1,915 | 1,904 | 1,811 |
| 2031 | 948 | 513 | 893 | 1,884 | 1,007 | 1,151 | 1,159 | 951 | 945 | 822 |
| 2032 | 697 | 529 | 673 | 1,881 | 761 | 876 | 847 | 692 | 696 | 559 |
| 2033 | 641 | 600 | 620 | 2,096 | 652 | 979 | 830 | 648 | 599 | 585 |
| 2034 | 693 | 683 | 660 | 2,076 | 742 | 999 | 868 | 687 | 626 | 613 |
| 2035 | 721 | 726 | 706 | 1,995 | 654 | 1,045 | 925 | 734 | 678 | 678 |
| 2036 | 746 | 542 | 735 | 2,062 | 418 | 1,084 | 936 | 740 | 700 | 675 |
| 2037 | 917 | 293 | 849 | 2,264 | 604 | 1,291 | 915 | 911 | 851 | 696 |
| 2038 | 1,079 | 314 | 957 | 2,374 | 615 | 1,464 | 1,034 | 1,087 | 1,020 | 856 |
| 2039 | 1,070 | 349 | 966 | 2,335 | 630 | 1,400 | 1,016 | 1,075 | 1,038 | 837 |
| 2040 | 1,044 | 383 | 925 | 2,292 | 150 | 1,390 | 994 | 1,045 | 1,004 | 870 |
| 2041 | 1,232 | 405 | 1,097 | 2,505 | 145 | 1,566 | 1,156 | 1,235 | 1,195 | 962 |
| 2042 | 1,244 | 417 | 1,100 | 2,575 | 32 | 1,588 | 1,223 | 1,385 | 1,209 | 995 |
| 2043 | 1,481 | 369 | 1,391 | 2,850 | 27 | 1,794 | 1,391 | 1,615 | 1,440 | 1,217 |
| 2044 | 1,513 | 322 | 1,429 | 2,738 | 25 | 1,808 | 1,365 | 1,661 | 1,471 | 1,218 |
| 2045 | 1,637 | 414 | 1,684 | 3,009 | 18 | 1,968 | 1,499 | 1,936 | 1,592 | 1,327 |
| Total | 23,584 | 12,577 | 24,263 | 43,637 | 11,928 | 28,567 | 24,343 | 24,333 | 22,965 | 20,632 |

STOCHASTIC RISK ANALYSIS

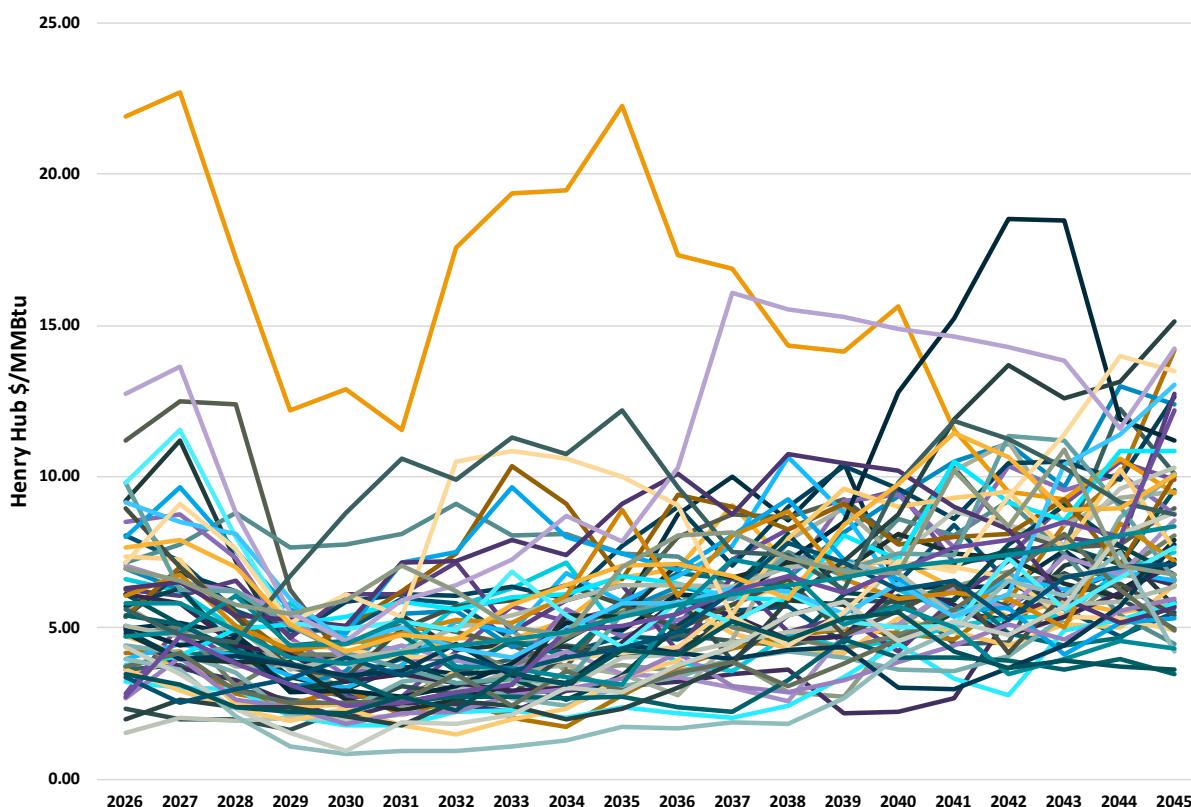
The stochastic analysis assesses the effect on portfolio costs when select variables take on values different from their planning-case levels. Stochastic variables are selected based on the degree to which there is uncertainty regarding their forecasts and the degree to which they can affect the analysis results (i.e., portfolio costs).

The purpose of the analysis is to understand the range of portfolio costs across a wide extent of stochastic shocks (i.e., across the full set of 60 stochastic iterations) and how the ranges for portfolio costs differ.

Idaho Power identified the following five variables for the stochastic analysis:

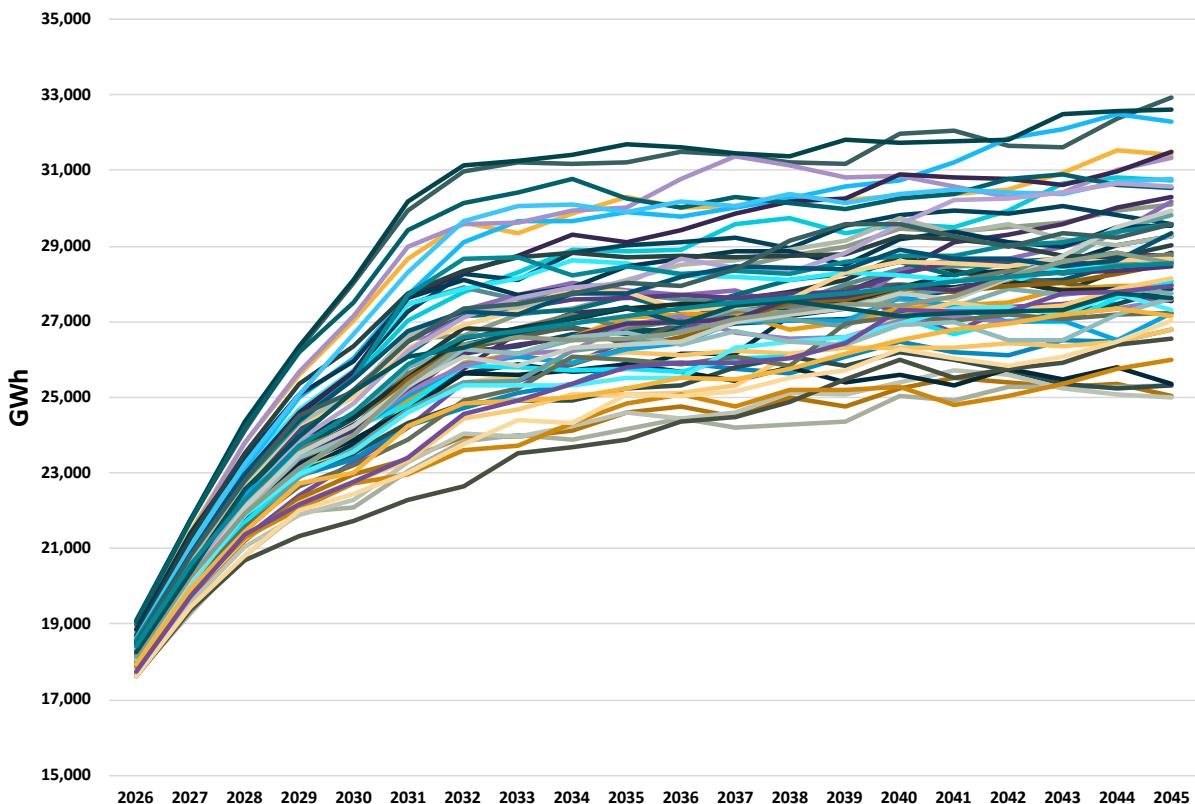
Natural Gas Sampling (Nominal \$/MMBtu)

1. *Natural gas price*—Based on the historical Henry Hub natural gas price, it was determined that natural gas price variance around the trend approximates a log-normal distribution with year-to-year correlation. The colored lines in the graph below show the 60 different stochastic iterations for Henry Hub gas prices.



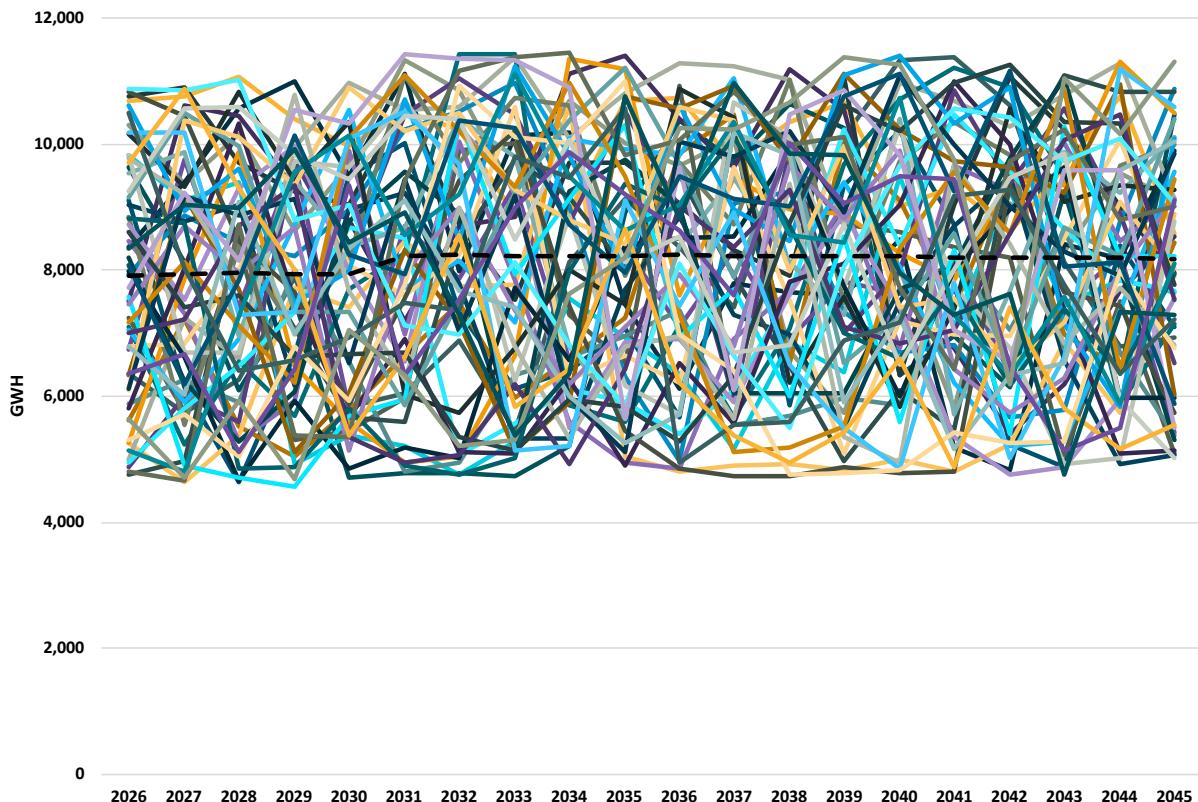
Customer Load Sampling (Annual GWh)

2. *Customer load*—Customer load follows a normal distribution and is adjusted around the planning case load forecast. The spread of values is meant to represent sustained changes in load growth.



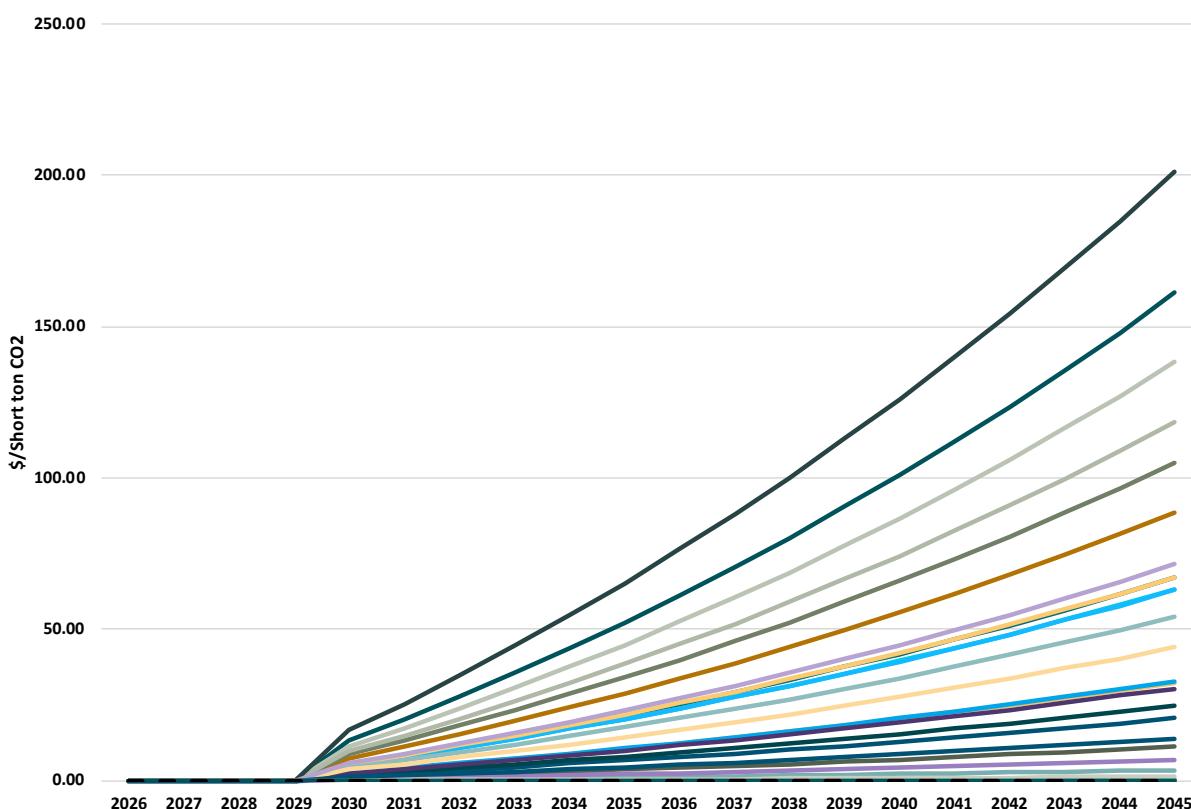
Hydro Generation Sampling (Annual MWh)

3. *Hydroelectric variability*—Hydroelectric generation variability was found to approximate a uniform distribution based on historical generation. Although the distribution of rainfall across the Snake River Basin is non-uniform, the regulation of streamflow likely explains the difference between rainfall and generation distributions. In addition to the distribution, the historical data also shows a correlation between years.



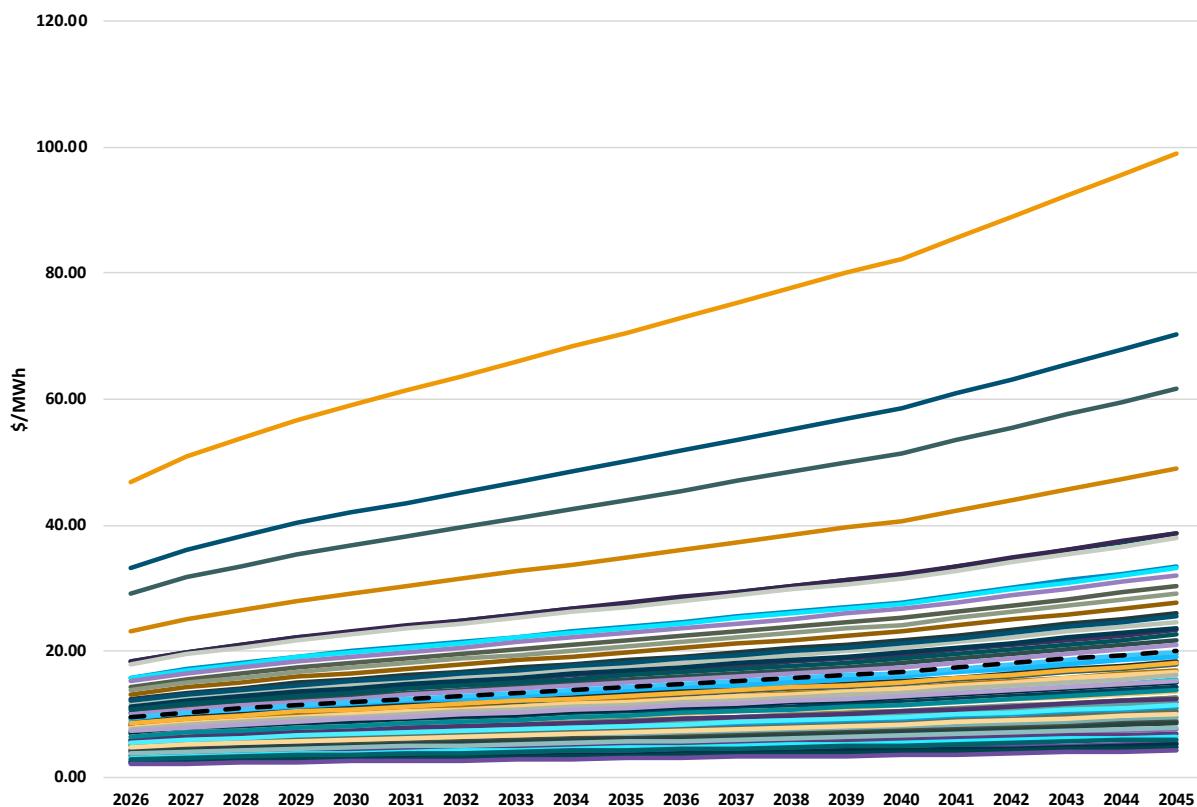
Carbon Price Sampling (Annual \$/short ton)

4. *Carbon Price*—Although carbon prices have always been zero at the federal level, a wide-range of possible values are modeled into the future. Consistent with methodology discussed with IRPAC, the carbon prices are assumed to take a wide range of values with a heavy tail. Given the long history of inaction regarding carbon taxes at the federal level and consistent with discussions with IRPAC, 62% of draws have a zero carbon price.



REC Price Sampling (\$/MWh)

REC Price—New to the 2025 IRP, a stochastic variable was incorporated into the analysis for REC prices. As demand has grown for RECs due to state based carbon goals, the REC market and Idaho Power’s requirement to sell RECs, has become an important risk variable for the IRP analysis. Given limited historical data with which to formulate the future stochastic spread, the 2025 IRP model used a wide range of values using a log-normal distribution due to complexity and compounding factors that are likely to influence the future REC market.



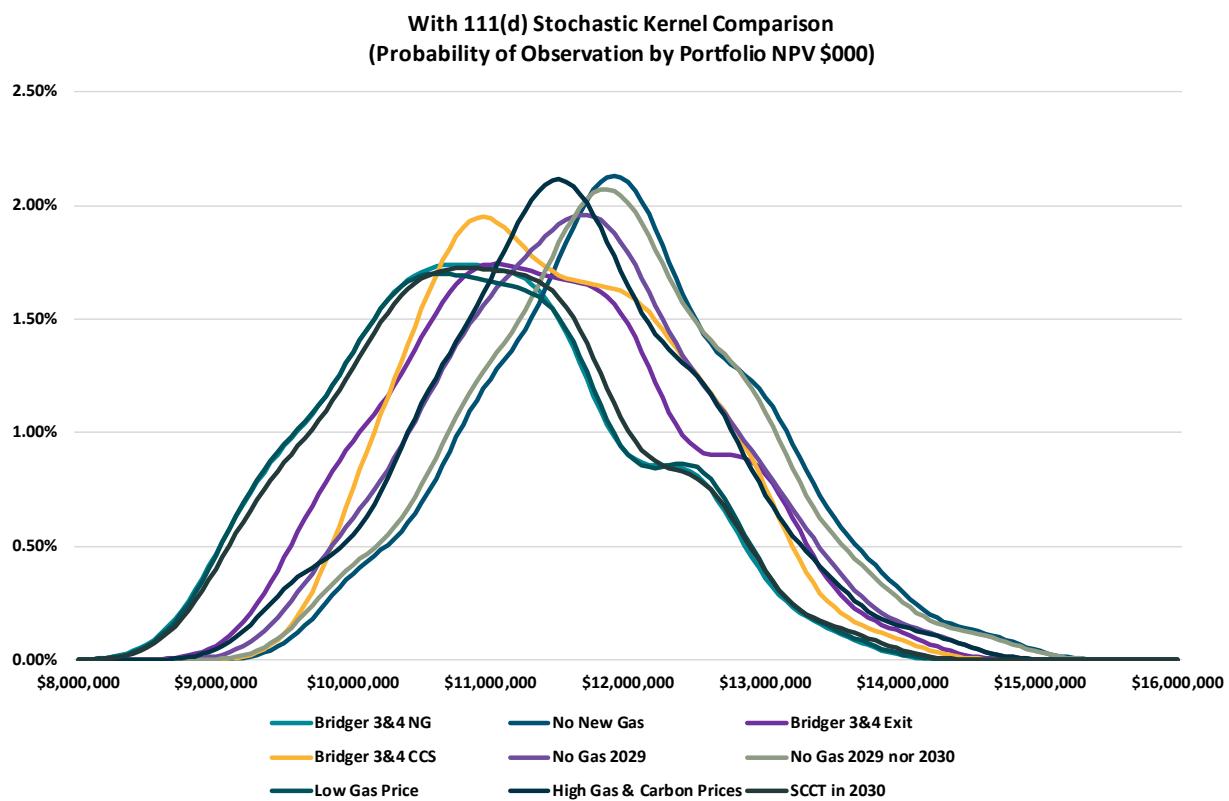
Stochastic Results

The five selected stochastic variables are key drivers of variability in year-to-year power-supply costs and therefore provide suitable stochastic shocks to allow differentiated results for analysis.

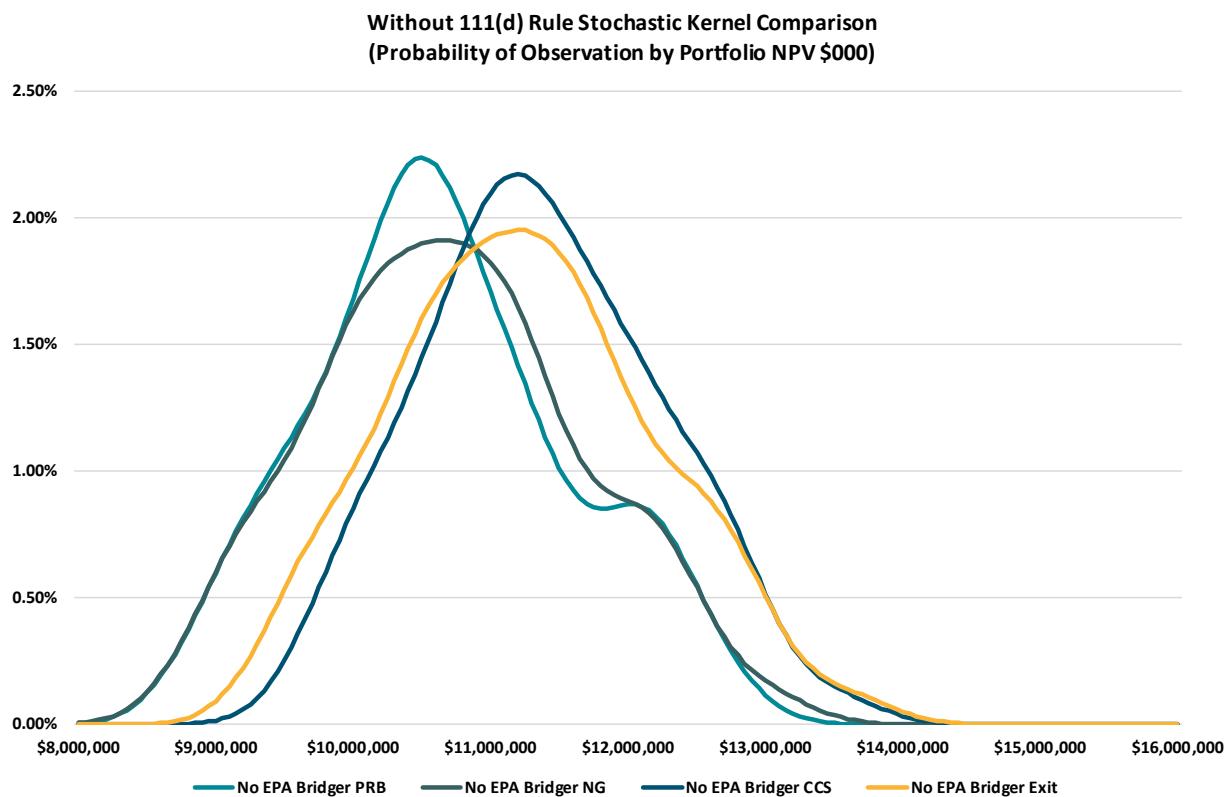
Due to the significant time required to perform the stochastic risk analysis, Idaho Power performed 60 risk iterations. Based on the sample size, the choice was made to use the Latin Hypercube sampling technique over a pure Monte Carlo method. The Latin Hypercube design samples the distribution range with a relatively smaller sample size, allowing a reduction in simulation run times. The Latin Hypercube method does this by sampling at regular intervals across the distribution spectrum. Contrast this to Monte Carlo methods where samples are

taken randomly from the distribution range. The random Monte Carlo draw requires far more than 60 iterations to ensure a good distribution of draws.

As a major branch point in the analysis, and because they represent two different operating futures, the stochastic analysis was performed on both With and Without 111(d) scenarios. These distinct futures can't be directly compared so the results are presented in either future. Once the stochastic elements are drawn, the company then calculated the 20-year NPV portfolio cost for each of the 60 iterations for all evaluated portfolios. The graph below shows the distribution of 20-year NPV portfolio costs by study case.



| Rank | With 111(d) Portfolio | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th |
|------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | Bridger 3&4 NG | 38 | 19 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| 2 | Low Gas Price | 15 | 32 | 10 | 2 | 0 | 0 | 1 | 0 | 0 |
| 3 | SCCT 2030 | 5 | 8 | 47 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | Bridger 3&4 Exit | 0 | 0 | 0 | 33 | 16 | 6 | 2 | 2 | 1 |
| 5 | Bridger 3&4 CCS | 0 | 0 | 0 | 14 | 31 | 3 | 5 | 2 | 5 |
| 6 | High Gas & Carbon Prices | 2 | 1 | 0 | 10 | 8 | 13 | 26 | 0 | 0 |
| 7 | No Gas 2029 | 0 | 0 | 0 | 0 | 4 | 36 | 20 | 0 | 0 |
| 8 | No Gas 2029/2030 | 0 | 0 | 0 | 1 | 0 | 2 | 5 | 51 | 1 |
| 9 | No New Gas | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 5 | 53 |



| Rank | Without 111(d) Portfolio | 1st | 2nd | 3rd | 4th |
|------|--------------------------|-----|-----|-----|-----|
| 1 | Bridger 3&4 PRB | 36 | 22 | 2 | 0 |
| 2 | Bridger 3&4 NG | 24 | 36 | 0 | 0 |
| 3 | Bridger 3&4 Exit | 0 | 2 | 49 | 9 |
| 4 | Bridger 3&4 CCS | 0 | 0 | 9 | 51 |

Portfolio Stochastic Analysis, Total Portfolio Cost

With 111(d) Portfolio Cost Comparison

In the figure above, each line represents the likelihood of occurrence by NPV. Higher values on the line represent a higher probability of occurrence with values near the horizontal axis representing improbable events. Values that occur toward the left have lower cost while values toward the right have higher cost. As indicated by the peak of the graph being furthest left, the results of the stochastic analysis show that the Preferred Portfolio (*With 111(d) Bridger 3&4 NG*) has a similar risk profile to the *Low Gas Price* and *Forced SCCT 2030* portfolios. A detailed look at the portfolio rank tables shows that the Preferred Portfolio performs the best in the stochastic analysis but the similarity of the three kernels reflects the similarity of the portfolios.

overall. Consistent with the portfolio cost analysis, of the Bridger 3&4 options, the conversion of 3&4 to natural gas performs the best followed by the exit of Bridger 3&4 and the worst performing is the Bridger 3&4 CCS portfolio. Of the no-gas options tested, all performed poorly compared to the Preferred Portfolio as reflected by their significant right shift in the graph and low rank in the ranking table.

Without 111(d) Portfolio Cost Comparison

Comparing the similar graph and table ranking for the Without 111(d) cases shows that consistent with the costing results, the PRB conversion of Bridger 3&4 has a slight edge over the NG conversion of those units. The kernels largely overlap but the ranking shows the PRB conversion as least cost in 36 of 60 iterations beating the NG conversion 3:2. Either the PRB or NG conversion beat the exit scenario in almost all iterations, with the exit scenario beating the CCS option in most iterations.

COMPLIANCE WITH STATE OF OREGON IRP GUIDELINES

Guideline 1: Substantive Requirements

- a. All resources must be evaluated on a consistent and comparable basis.
 - All known resources for meeting the utility's load should be considered, including supply-side options which focus on the generation, purchase and transmission of power or gas purchases, transportation, and storage and demand side options which focus on conservation and demand response.
 - Utilities should compare different resource fuel types, technologies, lead times, in-service dates, durations and locations in portfolio risk modeling.
 - Consistent assumptions and methods should be used for evaluation of all resources.
 - The after-tax marginal weighted-average cost of capital (WACC) should be used to discount all future resource costs.

Idaho Power response:

Idaho Power considered a range of resource types including renewables (e.g., wind and solar), demand-side management, transmission, market purchases, thermal resources, and energy storage. Each of these resources was included as an options in the AURORA capacity expansion modeling.

Supply-side and purchased resources for meeting the utility's load are discussed in *Chapter 4. Idaho Power Today*; demand-side options are discussed in *Chapter 6. Demand-Side Resources*; and transmission resources are discussed in *Chapter 7. Transmission Planning*.

New resource options including fuel types, technologies, lead times, in-service dates, durations, and locations are described in *Chapter 5. Future Supply-Side Generation and Storage Resources*, *Chapter 6. Demand-Side Resources*, *Chapter 7. Transmission Planning*, and *Chapter 8. Planning Period Forecasts*.

The consistent modeling method for evaluating new resource options is described in *Chapter 8. Planning Period Forecasts* and *Chapter 10. Modeling Analysis*.

The after-tax marginal WACC rate used to discount all future resource costs is discussed in Appendix C: Technical Appendix *Supply-Side Resource Data – Key Financial and Forecast Assumptions*.

- b. Risk and uncertainty must be considered.
 - At a minimum, utilities should address the following sources of risk and uncertainty:
 1. Electric utilities: load requirements, hydroelectric generation, plant forced outages, fuel prices, electricity prices, and costs to comply with any regulation of greenhouse gas emissions.
 2. Natural gas utilities: demand (peak, swing, and baseload), commodity supply and price, transportation availability and price, and costs to comply with any regulation of greenhouse gas emissions.
 - Utilities should identify in their plans any additional sources of risk and uncertainty.

Idaho Power response:

Electric utility risk and uncertainty factors (load, natural gas, and hydroelectric generation) for resource portfolios are considered in Chapter 10. Modeling Analysis. Plant forced outages are modeled in RCAT on a unit basis and are discussed in *Appendix C: Technical Appendix Loss of Load Expectation*. Risk and uncertainty associated with fuel prices and greenhouse gas emissions are discussed in *Chapter 9 Portfolios*. The AURORA generated electricity prices are impacted by the above assumptions and are considered in the analysis.

Additional sources of risk and uncertainty, including qualitative risks are discussed in *Chapter 10. Modeling Analysis*.

- c. The primary goal must be the selection of a portfolio of resources with the best combination of expected costs and associated risks and uncertainties for the utility and its customers.
 - The planning horizon for analyzing resource choices should be at least 20 years and account for end effects. Utilities should consider all costs with a reasonable likelihood of being included in rates over the long term, which extends beyond the planning horizon and the life of the resource.
 - Utilities should use present value of revenue requirement (PVRR) as the key cost metric. The plan should include analysis of current and estimated future costs for all long-lived resources such as power plants, gas storage facilities, and pipelines, as well as all short-lived resources such as gas supply and short-term power purchases.
 - To address risk, the plan should include, at a minimum:
 - a. Two measures of PVRR risk: one that measures the variability of costs and one that measures the severity of bad outcomes.
 - b. Discussion of the proposed use and impact on costs and risks of physical and financial hedging.
 - The utility should explain in its plan how its resource choices appropriately balance cost and risk.

Idaho Power response:

The IRP methodology and the planning horizon of 20 years are discussed in *Chapter 1. Background*.

Modeling analysis of current and estimated future costs for all long-lived resources such as power plants, gas storage facilities, and pipelines, as well as all short-lived resources such as gas supply and short-term power purchases is discussed in *Chapter 10. Modeling Analysis*.

The discussion of cost variability and extreme outcomes, including bad outcomes is discussed in *Chapter 10. Modeling Analysis*.

Idaho Power's Risk Management Policy regarding physical and financial hedging is discussed in *Chapter 1. Background*. Idaho Power's Energy Risk Management Program is designed to systematically identify, quantify, and manage the exposure of the company and its customers to the uncertainties related to the energy markets in which the company is an active participant. The company's Risk Management Standards limit term purchases to the prompt 18 months of the forward curve.

Idaho Power's plan and how the resource choices appropriately balance cost and risk is presented in *Chapter 11. Preferred Portfolio and Action Plan*.

- d. The plan must be consistent with the long-run public interest as expressed in Oregon and federal energy policies.

Idaho Power response:

Long-run public interest issues are discussed in *Chapter 2. Political, Regulatory, and Operational Issues* and *Chapter 3. Clean Energy & Climate Change*. The company also evaluated future scenarios, including no new gas, high natural gas price and high carbon price, and 100% clean by 2045. These are discussed in *Chapter 9. Portfolios*.

Guideline 2: Procedural Requirements

- a. The public, which includes other utilities, should be allowed significant involvement in the preparation of the IRP. Involvement includes opportunities to contribute information and ideas, as well as to receive information. Parties must have an opportunity to make relevant inquiries of the utility formulating the plan. Disputes about whether information requests are relevant or unreasonably burdensome, or whether a utility is being properly responsive, may be submitted to the Commission for resolution.

Idaho Power response:

The IRPAC meetings are open to the public. A roster of the IRPAC members along with meeting schedules and agendas is provided in *Appendix C: Technical Appendix, IRP Advisory Council*.

- b. While confidential information must be protected, the utility should make public, in its plan, any non-confidential information that is relevant to its resource evaluation and action plan. Confidential information may be protected through use of a protective order, through aggregation or shielding of data, or through any other mechanism approved by the Commission.

Idaho Power response:

Idaho Power makes public extensive information relevant to its resource evaluation and action plan. This information is discussed in IRPAC meetings and found throughout the 2025 IRP, the 2025 Load and Sales Forecast, and in the 2025 Technical Appendix.

- c. The utility must provide a draft IRP for public review and comment prior to filing a final plan with the Commission.

Idaho Power response:

Prior to filing, Idaho Power posted online a draft 2025 IRP Report for public review and comment in May 2025.

Guideline 3: Plan Filing, Review, and Updates

- a. A utility must file an IRP within two years of its previous IRP acknowledgment order. If the utility does not intend to take any significant resource action for at least two years after its next IRP is due, the utility may request an extension of its filing date from the Commission.

Idaho Power response:

The OPUC acknowledged Idaho Power's 2023 IRP on August 26, 2024, in Order 24-285. Filing the 2025 IRP in June 2025 complies with the requirement to file the company's next IRP within two years of acknowledgement of the prior IRP.

- b. The utility must present the results of its filed plan to the Commission at a public meeting prior to the deadline for written public comment.

Idaho Power response:

Idaho Power will work with OPUC staff and other interested parties to set a schedule for review of the 2025 IRP, including a public meeting with the Commission following the June 2025 filing.

- c. Commission staff and parties should complete their comments and recommendations within six months of IRP filing.

Idaho Power response:

This will be conducted following the filing of this IRP.

- d. The Commission will consider comments and recommendations on a utility's plan at a public meeting before issuing an order on acknowledgment. The Commission may provide the utility an opportunity to revise the plan before issuing an acknowledgment order.

Idaho Power response:

This will be conducted following the filing of this IRP.

- e. The Commission may provide direction to a utility regarding any additional analyses or actions that the utility should undertake in its next IRP.

Idaho Power response:

No response needed.

- f. Each utility must submit an annual update on its most recently acknowledged plan. The update is due on or before the acknowledgment order anniversary date. Once a utility anticipates a significant deviation from its acknowledged IRP, it must file an update with the Commission, unless the utility is within six months of filing its next IRP. The utility must summarize the update at a Commission public meeting. The utility may request acknowledgement of changes in proposed actions identified in an update.

Idaho Power response:

Idaho Power will file an annual update of the 2025 IRP, assuming the annual update will occur more than six months before filing the 2027 IRP.

- g. Unless the utility requests acknowledgement of changes in proposed actions, the annual update is an informational filing that:
 - Describes what actions the utility has taken to implement the plan;
 - Provides an assessment of what has changed since the acknowledgment order that affects the action plan, including changes in such factors as load, expiration of resource contracts, supply-side and demand-side resource acquisitions, resource costs, and transmission availability; and
 - Justifies any deviations from the acknowledged action plan.

Idaho Power response:

Not applicable to this filing; this activity will be conducted at a later time.

Guideline 4: Plan Components

At a minimum, the plan must include the following elements:

- a. An explanation of how the utility met each of the substantive and procedural requirements;

Idaho Power response:

The information in this section is intended to show how the company complied with this guideline.

- b. Analysis of high and low load growth scenarios in addition to stochastic load risk analysis with an explanation of major assumptions;

Idaho Power response:

High-growth scenarios are tested using the 300 MW and 500 MW large load cases as discussed in *Chapter 9. Portfolios*. Stochastic analysis was performed on load (which creates high and low load conditions) and the details of that analysis are contained in *Chapter 10. Modeling Analysis*.

- c. For electric utilities, a determination of the levels of peaking capacity and energy capability expected for each year of the plan, given existing resources; identification of capacity and energy needed to bridge the gap between expected loads and resources; modeling of all existing transmission rights, as well as future transmission additions associated with the resource portfolios tested;

Idaho Power response:

Peaking capacity and energy capability expected for existing resources are modeled in AURORA. Identification of capacity and energy needed to bridge the gap between expected loads and resources is an output of AURORA LTCE modeling; results of which are found in *Appendix C: Technical Appendix*. All existing transmission rights and future transmission additions are modeled in AURORA.

Detailed forecasts are provided in *Appendix C: Technical Appendix, Sales and Load Forecast Data and Existing Resource Data*. Identification of capacity and energy needed to bridge the gap between expected loads and resources is discussed in *Chapter 11. Preferred Portfolio and Action Plan*.

- d. For natural gas utilities, a determination of the peaking, swing and base-load gas supply and associated transportation and storage expected for each year of the plan, given existing resources; and identification of gas supplies (peak, swing, and baseload), transportation and storage needed to bridge the gap between expected loads and resources;

Idaho Power response:

Not applicable to Idaho Power.

- e. Identification and estimated costs of all supply-side and demand-side resource options, taking into account anticipated advances in technology;

Idaho Power response:

Supply-side resources are discussed in *Chapter 5. Future Supply-Side Generation and Storage Resources*.

Demand-side resources are discussed in *Chapter 6. Demand-Side Resources*.

Resource costs are discussed in *Chapter 8. Planning Period Forecasts* and presented in *Appendix C: Technical Appendix, Supply-Side Resource Data*.

- f. Analysis of measures the utility intends to take to provide reliable service, including cost-risk tradeoffs;

Idaho Power response:

Resource reliability and cost-risk tradeoffs are covered in *Chapter 10. Modeling Analysis*.

- g. Identification of key assumptions about the future (e.g., fuel prices and environmental compliance costs) and alternative scenarios considered;

Idaho Power response:

Key assumptions including the natural gas price forecast are discussed in *Chapter 8. Planning Period Forecasts* and in *Appendix C: Technical Appendix, Key Financial and Forecast Assumptions*. Environmental compliance costs are addressed in *Chapter 10. Modeling Analysis*.

- h. Construction of a representative set of resource portfolios to test various operating characteristics, resource types, fuels and sources, technologies, lead times, in-service dates, durations, and general locations – system-wide or delivered to a specific portion of the system;

Idaho Power response:

Resource portfolios considered for the 2025 IRP are described in *Chapter 9. Portfolios* and *Appendix C: Technical Appendix, Long-Term Capacity Expansion Results*.

- i. Evaluation of the performance of the candidate portfolios over the range of identified risks and uncertainties;

Idaho Power response:

Evaluation of the portfolios over a range of risks and uncertainties is discussed in *Chapter 10. Modeling Analysis*.

- j. Results of testing and rank ordering of the portfolios by cost and risk metric, and interpretation of those results;

Idaho Power response:

Portfolio cost, risk results, interpretations and the selection of the Preferred Portfolio are provided in *Chapter 10. Modeling Analysis*.

- k. Analysis of the uncertainties associated with each portfolio evaluated;

Idaho Power response:

The quantitative and qualitative uncertainties associated with each portfolio are evaluated in *Chapter 10. Modeling Analysis*.

- l. Selection of a portfolio that represents the best combination of cost and risk for the utility and its customers

Idaho Power response:

The Preferred Portfolio is identified in *Chapter 11. Preferred Portfolio and Action Plan* and represents the best combination of cost and risk.

- m. Identification and explanation of any inconsistencies of the selected portfolio with any state and federal energy policies that may affect a utility's plan and any barriers to implementation; and

Idaho Power response:

The company has identified that its plans are consistent with all state and federal energy policies as of the time of filing.

- n. An action plan with resource activities the utility intends to undertake over the next two to four years to acquire the identified resources, regardless of whether the activity was acknowledged in a previous IRP, with the key attributes of each resource specified as in portfolio testing.

Idaho Power response:

An action plan is provided in the *Executive Summary* and in *Chapter 11. Preferred Portfolio and Action Plan*.

Guideline 5: Transmission

Portfolio analysis should include costs to the utility for the fuel transportation and electric transmission required for each resource being considered. In addition, utilities should consider fuel transportation and electric transmission facilities as resource options, taking into account their value for making additional purchases and sales, accessing less costly resources in remote locations, acquiring alternative fuel supplies, and improving reliability.

Idaho Power response:

All identified requirements in Guideline 5: Transmission are met and modeled in AURORA. Transmission assumptions for supply-side resources and market access are included in *Chapter 7. Transmission Planning*. Transportation for natural gas is discussed in *Chapter 8. Planning Period Forecasts*.

Guideline 6: Conservation

- a. Each utility should ensure that a conservation potential study is conducted periodically for its entire service territory.

Idaho Power response:

The contractor-provided conservation potential study for the 2025 IRP is described in *Chapter 6. Demand-Side Resources* and is included as *Appendix B: DSM Annual Report*.

- b. To the extent that a utility controls the level of funding for conservation programs in its service territory, the utility should include in its action plan all best cost/risk portfolio conservation resources for meeting projected resource needs, specifying annual savings targets.

Idaho Power response:

A recast for energy efficiency is provided in *Chapter 6. Demand-Side Resources*. The load forecast put into AURORA included the reduction to customer sales of all future achievable economic energy efficiency potential.

- c. To the extent that an outside party administers conservation programs in a utility's service territory at a level of funding that is beyond the utility's control, the utility should:
 - Determine the amount of conservation resources in the best cost/risk portfolio without regard to any limits on funding of conservation programs; and
 - Identify the preferred portfolio and action plan consistent with the outside party's projection of conservation acquisition.

Idaho Power response:

Idaho Power administers all its conservation programs except market transformation. Third-party market transformation savings are provided by the Northwest Energy Efficiency Alliance (NEEA) and are discussed in *Appendix B: Idaho Power's Demand-Side Management 2024 Annual Report*. NEEA savings are included as savings to meet targets because of the overlap of NEEA initiatives and IPC's most recent potential study.

Guideline 7: Demand Response

Plans should evaluate demand response resources, including voluntary rate programs, on par with other options for meeting energy, capacity, and transmission needs (for electric utilities) or gas supply and transportation needs (for natural gas utilities).

Idaho Power response:

Idaho Power's examination of the potential for expanded DR resources is presented in *Chapter 6. Demand-Side Resources*.

Guideline 8: Environmental Costs

- a. Base case and other compliance scenarios: The utility should construct a base-case scenario to reflect what it considers to be the most likely regulatory compliance future

for carbon dioxide (CO₂), nitrogen oxides, sulfur oxides, and mercury emissions. The utility should develop several compliance scenarios ranging from the present CO₂ regulatory level to the upper reaches of credible proposals by governing entities. Each compliance scenario should include a time profile of CO₂ compliance requirements. The utility should identify whether the basis of those requirements, or “costs,” would be CO₂ taxes, a ban on certain types of resources, or CO₂ caps (with or without flexibility mechanisms such as an allowance for credit trading as a safety valve). The analysis should recognize significant and important upstream emissions that would likely have a significant impact on resource decisions. Each compliance scenario should maintain logical consistency, to the extent practicable, between the CO₂ regulatory requirements and other key inputs.

Idaho Power response:

The carbon price forecasts used in the 2025 IRP are found in *Chapter 9. Portfolios*. Compliance with existing environmental regulation and emissions for each portfolio are discussed in *Chapter 10. Modeling Analysis*. Emissions for each portfolio are shown in *Appendix C: Technical Appendix, Portfolio Emissions Forecast*.

- b. Testing alternative portfolios against the compliance scenarios: The utility should estimate, under each of the compliance scenarios, the present value revenue requirement (PVRR) costs and risk measures, over at least 20 years, for a set of reasonable alternative portfolios from which the preferred portfolio is selected. The utility should incorporate end-effect considerations in the analyses to allow for comparisons of portfolios containing resources with economic or physical lives that extend beyond the planning period. The utility should also modify projected lifetimes as necessary to be consistent with the compliance scenario under analysis. In addition, the utility should include, if material, sensitivity analyses on a range of reasonably possible regulatory futures for nitrogen oxides, sulfur oxides, and mercury to further inform the preferred portfolio selection.

Idaho Power response:

See *Chapter 9. Portfolios* and *Chapter 10. Modeling Analysis* for discussion on the various scenarios and comparative analysis of the scenarios. Economic lives were adjusted based on portfolio conditions.

- c. Trigger point analysis: The utility should identify at least one CO₂ compliance “turning point” scenario, which, if anticipated now, would lead to, or “trigger” the selection of a portfolio of resources that is substantially different from the preferred portfolio. The utility should develop a substitute portfolio appropriate for this trigger-point scenario and compare the substitute portfolio’s expected cost and risk performance to that of

the preferred portfolio – under the base case and each of the above CO₂ compliance scenarios. The utility should provide its assessment of whether a CO₂ regulatory future that is equally or more stringent than the identified trigger point will be mandated.

Idaho Power response:

See *Chapter 9. Portfolios* and *Chapter 10. Modeling Analysis* for discussion on the various scenarios and comparative analysis of the scenarios.

- d. Oregon compliance portfolio: If none of the above portfolios is consistent with Oregon energy policies (including state goals for reducing greenhouse gas emissions) as those policies are applied to the utility, the utility should construct the best cost/risk portfolio that achieves that consistency, present its cost and risk parameters, and compare it to those in the preferred and alternative portfolios.

Idaho Power response:

The company evaluated “no new gas” and “100% Clean by 2045” scenarios. The results of the portfolios are presented in *Appendix C: Technical Appendix, Long-Term Capacity Expansion Results*.

Guideline 9: Direct Access Loads

An electric utility’s load-resource balance should exclude customer loads that are effectively committed to service by an alternative electricity supplier.

Idaho Power response:

Idaho Power does not have any customers served by alternative electricity suppliers and no direct access loads.

Guideline 10: Multi-state Utilities

Multi-state utilities should plan their generation and transmission systems, or gas supply and delivery, on an integrated-system basis that achieves a best cost/risk portfolio for all their retail customers.

Idaho Power response:

Idaho Power’s analysis was performed on an integrated-system basis discussed in *Chapter 10. Modeling Analysis*. Idaho Power will file the 2025 IRP in both the Idaho and Oregon jurisdictions.

Guideline 11: Reliability

Electric utilities should analyze reliability within the risk modeling of the actual portfolios being considered. Loss of load probability, expected planning reserve margin, and expected

and worst-case unserved energy should be determined by year for top-performing portfolios. Natural gas utilities should analyze, on an integrated basis, gas supply, transportation, and storage, along with demand-side resources, to reliably meet peak, swing, and base-load system requirements. Electric and natural gas utility plans should demonstrate that the utility's chosen portfolio achieves its stated reliability, cost, and risk objectives.

Idaho Power response:

The capacity planning margin and regulating reserves are discussed in *Chapter 9. Portfolios*. A loss of load expectation analysis to determine the company's annual capacity positions is discussed in *Chapter 10. Modeling Analysis* and Appendix C: Technical Appendix, *Loss of Load Expectation*.

Guideline 12: Distributed Generation

Electric utilities should evaluate distributed generation technologies on par with other supply-side resources and should consider, and quantify where possible, the additional benefits of distributed generation.

Idaho Power response:

Distribution-connected storage technologies are evaluated in *Chapter 5. Future Supply-Side Generation and Storage Resources* and in *Chapter 8. Planning Period Forecasts*.

Guideline 13: Resource Acquisition

- a. An electric utility should, in its IRP:
 - Identify its proposed acquisition strategy for each resource in its action plan.
 - Assess the advantages and disadvantages of owning a resource instead of purchasing power from another party.
 - Identify any Benchmark Resources it plans to consider in competitive bidding.

Idaho Power response:

Idaho Power identifies its proposed acquisition strategy in *Chapter 11. Preferred Portfolio and Action Plan*. Idaho Power follows an all-source RFP process where possible to acquire resources which may or may not be owned by the company and are evaluated to provide maximum benefit to its customers.

- b. Natural gas utilities should either describe in the IRP their bidding practices for gas supply and transportation, or provide a description of those practices following IRP acknowledgment.

Idaho Power response:

Not applicable to Idaho Power.

COMPLIANCE WITH EV GUIDELINES

Guideline 1: Forecast the Demand for Flexible Capacity

Forecast the Demand for Flexible Capacity: The electric utilities shall forecast the balancing reserves needed at different time intervals (e.g., ramping needed within 5 minutes) to respond to variation in load and intermittent renewable generation over the 20-year planning period;

Idaho Power response:

A discussion of Idaho Power's analysis for the flexibility guideline is provided in *Chapter 9. Portfolios*.

Guideline 2: Forecast the Supply for Flexible Capacity

Forecast the Supply of Flexible Capacity: The electric utilities shall forecast the balancing reserves available at different time intervals (e.g., ramping available within 5 minutes) from existing generating resources over the 20-year planning period;

Idaho Power response:

A discussion of the capacity planning reserve margin and regulating reserves is found at *Chapter 9. Portfolios*.

Guideline 3: Evaluate Flexible Resources on a Consistent and Comparable Basis

In planning to fill any gap between the demand and supply of flexible capacity, the electric utilities shall evaluate all resource options, including the use of EVs, on a consistent and comparable basis.

Idaho Power response:

Future supply-side resource options are discussed in *Chapter 5. Future Supply Side Generation and Storage Resources*. Future demand-side resource options are discussed in *Chapter 6. Demand-Side Resources*. Demand response storage-related programs, like EVs could provide, were modeled; this is discussed in *Chapter 6. Demand-Side Resources*.

STATE OF OREGON ACTION ITEMS REGARDING IDAHO POWER'S 2023 IRP

Action Item 1: SWIP–North

Continue exploring Idaho Power's potential participation in the SWIP-N project.

Idaho Power response:

Idaho Power continued exploring potential participation in SWIP-N and executed agreements to that end. SWIP-North is discussed in *Chapter 7: Transmission Planning*.

Action Item 2: Storage Projects

Install cost-effective distribution-connected storage from 2025 through 2028.

Idaho Power response:

The implementation of four distribution-connected storage projects is discussed in *Chapter 5: Future Supply-Side Generation and Storage Resources*. The four projects were online as of 2024, and are located at Filer, Weiser, Melba, and Elmore substations.

Action Item 3: Convert Valmy Units 1 & 2

Convert Valmy units 1 and 2 from coal to natural gas by summer 2026

Idaho Power response:

Valmy Units 1 & 2 are on schedule to be converted from coal to natural gas by summer 2026.

Action Item 4: Acquire Resources in 2026 through 2028

If economic, acquire up to 1,425 MW of combined wind and solar, or other economic resources, in 2026 through 2028 (inclusive of 625 MW of forecast Clean Energy Your Way [CEYW] resources)

Idaho Power response:

Idaho Power completed RFP processes to meet the deficits identified in 2026 through 2028.

Action Item 5: Long-Duration Storage Pilot

Explore a 5 MW long-duration storage pilot project

Idaho Power response:

Idaho Power explored a 5 MW long-duration storage pilot project, but has not moved forward due to cost concerns and federal policy uncertainty.

Action Item 6: WRAP

Include 14 MW of capacity associated with the Western Resource Adequacy Program (WRAP)

Idaho Power response:

Idaho Power included capacity associated with WRAP.

Action Item 7: Gateway West

Midpoint–Hemingway #2 500 kV, Midpoint–Cedar Hill 500 kV, and Mayfield 500 kV substation (Gateway West Phase 1) online by end-of-year 2028

Idaho Power response:

Phase I of Gateway West is targeted to be online by end of 2028. More information can be found in *Chapter 7: Transmission Planning*

Additional Recommendation 1: Qualifying Facility Renewal Rate

Prior to portfolio optimization for the next IRP, the Company must work with Staff and Stakeholders to determine and employ a non-zero renewal rate for all QFs in line with PacifiCorp's estimation methodology, or other similar methodologies, to be adopted in the 2025 IRP

Idaho Power response:

Idaho Power addresses the assumed renewal rates of QFs in *Chapter 9: Portfolios*. Idaho Power and IRPAC revisited the QF renewal rates in the CSPP Forecast presentation on October 2024.

Additional Recommendation 2: QF Forecast

Idaho Power should assume a 75 percent wind QF renewal rate pending a non-zero renewal rate determination via a methodology accepted by the Commission in the next IRP.

Idaho Power response:

Idaho Power assumed a QF contract renegotiation rates consistent with feedback received from IRPAC and OPUC staff.

Additional Staff Expectation 1: Coal to Gas Conversion

Evaluate two alternative portfolios to address risks associated with coal to gas conversions:

1. Exit all coal plants by 2030 without Valmy and Bridger 3 and 4 conversions.
2. Delay Valmy conversion with a November 2026 online date for B2H

Idaho Power response:

Given the timeline and progress towards converting Valmy 1 and 2, those units were assumed to convert to natural gas in the 2025 IRP and an exit from those units was not studied. For Bridger units 3 and 4, there was extensive study on the available options (including an exit) and those details are reported throughout the report and Appendix C.

Additional Staff Expectation 2: Coal to Gas Conversion

The company should provide workpapers for the projected number of hours for both baseload and peaking operation of the Valmy coal-to-gas converted units, and the corresponding hours for CCCT, SCCT, 4-hour and 8-hour batteries, in the Preferred Portfolio.

Idaho Power response:

Idaho Power is prepared to provide the hourly resource details for the preferred portfolio resources.

Additional Staff Expectation 3: Coal to Gas Conversion

As suggested by RNW, IPC should evaluate an alternative portfolio with a “by” 2030 exit date from all coal operations and without the gas conversion of Valmy and Bridger 3 and 4 units for a better understanding of emissions implications of continued use of fossil fuel generation.

Idaho Power response:

Given the timeline and progress towards converting Valmy 1 and 2, those units were assumed to convert to natural gas in the 2025 IRP and an exit from those units was not studied. For Bridger units 3 and 4, there was extensive study on the available options (including an exit) and those details are reported throughout the report and Appendix C. Emissions for all studied portfolios are reporting in Appendix C.

Additional Staff Expectation 4: Coal to Gas Conversion

In the lead up to the 2025 IRP, Idaho Power should provide cost estimates of SO₂ and NOX emissions related to the converted plant, in its advisory IRPAC meetings and incorporate those costs in the Aurora model.

Idaho Power response:

Idaho Power does not currently have nor are there current regulations that propose a cost to SO₂ and NOX that would impact its converted plants.

Additional Staff Expectation 5: Coal to Gas Conversion

The Company should reflect recently introduced EPA rules for GHG emissions' Standards and Guidelines for Fossil Fuel-fired power plants in its 2025 IRP

Idaho Power response:

Idaho Power incorporates current EPA rules for GHG emissions into its modelling of all GHG emitting resources.

Additional Staff Expectation 6: Wind and Solar Resources

The Company should elaborate on its anticipated cadence of RFPs and identify the future IRPs to which expected RFPs will be connected.

Idaho Power response:

Idaho Power does not have near term plans to issue another RFP given the 2028 RFP has already been issued and will update staff as resource procurement needs develop.

Additional Staff Expectation 7: Wind and Solar Resources

IPC should provide workpapers for the projected number of hours for regulation reserves operation of the Valmy coal-to-gas converted units, and the corresponding hours for SCCT, 4-hour and 8-hour batteries, in the Preferred Portfolio.

Idaho Power response:

Idaho Power is prepared to provide the hourly regulation reserve details for the preferred portfolio.

Additional Staff Expectation 8: Wind and Solar Resources

IPC should include the constraints related to system resilience in portfolio modeling if the estimated cost of ancillary services to preserve system resilience will be significant enough to warrant such inclusion.

Idaho Power response:

For details about reserve ancillary service modelling see Appendix D where the ancillary requirements are specified.

Integration analysis was filed December 2024 and there are plans to update after the filing of the 2025 IRP.

Additional Staff Expectation 9: Distribution-Connected Storage

IPC must share information with Staff about lessons learned regarding the incorporation of best-practices in battery project construction, commissioning, and operations to mitigate operational risks.

Idaho Power response:

Idaho Power is prepared to share lessons learned around best practices upon request.

Additional Staff Expectation 10: Load Forecast

Idaho Power should document and share the a priori reasons for all econometric model specification.

Idaho Power response:

Idaho Power has included an additional section of Appendix A in the 2025 IRP filing that outlines each econometric model used in the load forecasting process. This includes model data on error measurement, variable selection, indicator variables to potentially address outlier data, autocorrelation measures, estimates of variables, and statistical significance.

Additional Staff Expectation 11: Load Forecast

Idaho Power should use the 50th percentile for the expected case load forecast in future IRPs.

Idaho Power response:

Idaho Power used the 50th percentile within the Aurora model for the expected case load forecast in the 2025 IRP.

Additional Staff Expectation 12: Load Forecast

IPC should consider and demonstrate the steps taken to provide oversight for ESA customers' forecasting of load growth.

Idaho Power response:

Idaho Power elaborated on the Company's interactions with ESA customers from construction to operation to ensure best practices on load projections and energy efficiency. To the extent staff needs additional information, Idaho Power will continue to be available for discussion.

Additional Staff Expectation 13: Wholesale Electricity Prices

IPC should preserve and be prepared to provide hourly wholesale electricity price data from the stochastic risk analysis.

Idaho Power response:

Idaho Power is ready to provide this data for the preferred portfolio as requested.

Additional Staff Expectation 14: Wholesale Electricity Prices

IPC should investigate the possibility that migration of power sellers to balancing markets may cause Aurora to overestimate resources available for purchase by Idaho Power and report its findings in the next IRP.

Idaho Power response:

Idaho Power recognizes that liquidity at any market hub changes over time. The Pacific Northwest is a winter peaking region and even though the Mid-C market has seen some decline in liquidity these impacts are more significant in the winter operating season. Idaho Power is a summer peaking utility, the load and resource diversity in the Idaho Power service area are complimented by the load and resources in the Pacific Northwest, this has been evidenced by the modeling results provided by the Western Resource Adequacy Program. Northwest utilities will build resources to meet their winter load needs providing high confidence that the summer liquidity will be sustained. Load diversity is a key element of transmission and market strategy.

Additional Staff Expectation 15: Energy Efficiency

In the lead up to the 2025 IRP, IPC should work with and provide workpapers to Staff that explore the costs and benefits of portfolio runs with more ‘low-cost’ bundles, such as bundles of measures costing below \$30/MWh.

Idaho Power response:

The availability and price of energy efficiency bundles was discussed with Staff and the rest of IRPAC on August 29, 2024. At the price mentioned in this request, energy efficiency measures were considered cost effective and included as a decrement to the load forecast.

Additional Staff Expectation 16: Demand Response

IPC will engage Staff and stakeholders regarding DR block size during the development of the 2025 IRP.

Idaho Power response:

Idaho Power engaged with staff and stakeholders during the November 14, 2024 IRPAC meeting to discuss DR block size during the development of the 2025 IRP.
