## Monthly Reporting

## Report from 01 February 2024 to 29 February 2024

## Report for Resource Pool Archer2 on archer2

A total of 4,070,208 CUs were available during this period.

## Use and Allocations (by Project)

In the following table, Charged refers to usage which was charged against the project Allocation; whereas Used refers to usage including uncharged time. Uncharged time can arise from use of the Low Priority queue and/or during times when charging is disabled on the service.
The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend profile of the total Allocation. If the usage for a project is not linear across the full Allocation period the the Use can be larger than the extrapolated Allocation.

| Project | Project Class | Number of Jobs | Charged CUs | Charged <br> Utilisation | Used CUs | Utilisation | Allocated CUs | Allocation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| e645 | Leadership Awards | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 20,284.2 | 0.50\% |
| e760 | Leadership Awards | 308 | 754.7 | 0.02\% | 759.5 | 0.02\% | 621.1 | 0.02\% |
| e786 | Leadership Awards | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 9,080.3 | 0.22\% |
| e787 | Leadership Awards | 263 | 40,121.6 | 0.99\% | 40,121.6 | 0.99\% | 39,405.4 | 0.97\% |
| e686 | Pioneer Projects | 564 | 14,592.7 | 0.36\% | 17,649.3 | 0.43\% | 10,951.3 | 0.27\% |
| e692 | Pioneer Projects | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 8,650.5 | 0.21\% |
| e731 | Pioneer Projects | 492 | 36,607.7 | 0.90\% | 36,687.6 | 0.90\% | 23,906.6 | 0.59\% |
| e744 | Pioneer Projects | 592 | 22,814.3 | 0.56\% | 23,171.6 | 0.57\% | 16,141.7 | 0.40\% |
| e808 | Pioneer Projects | 213 | 12,505.3 | 0.31\% | 13,061.5 | 0.32\% | 15,937.7 | 0.39\% |
| e809 | Pioneer Projects | 129 | 6,244.3 | 0.15\% | 6,400.3 | 0.16\% | 25,500.3 | 0.63\% |
| e810 | Pioneer Projects | 28 | 6,678.6 | 0.16\% | 6,678.6 | 0.16\% | 31,461.0 | 0.77\% |
| e812 | Pioneer Projects | 232 | 6,602.1 | 0.16\% | 6,602.1 | 0.16\% | 13,961.4 | 0.34\% |
| e813 | Pioneer Projects | 189 | 5,673.7 | 0.14\% | 5,774.1 | 0.14\% | 23,906.6 | 0.59\% |
| e814 | Pioneer Projects | 4 | 6,795.8 | 0.17\% | 6,795.8 | 0.17\% | 23,906.6 | 0.59\% |
| e815 | Pioneer Projects | 524 | 7,829.0 | 0.19\% | 13,736.5 | 0.34\% | 21,037.8 | 0.52\% |
| e817 | Pioneer Projects | 134 | 27,152.1 | 0.67\% | 27,532.1 | 0.68\% | 72,962.9 | 1.79\% |
| c01 | Class1a | 1,243 | 32,571.6 | 0.80\% | 35,058.3 | 0.86\% | 21,276.0 | 0.52\% |
| e348 | Class1a | 14,794 | 25,021.5 | 0.61\% | 25,134.7 | 0.62\% | 29,335.0 | 0.72\% |
| e575 | Class1a | 33 | 264.7 | 0.01\% | 268.8 | 0.01\% | 633.9 | 0.02\% |
| e609 | Class1a | 1,418 | 11,169.6 | 0.27\% | 11,199.5 | 0.28\% | 13,183.0 | 0.32\% |
| e643 | Class1a | 156 | 2,352.6 | 0.06\% | 2,391.2 | 0.06\% | 19,125.3 | 0.47\% |
| e647 | Class1a | 267 | 10,398.7 | 0.26\% | 10,402.7 | 0.26\% | 13,832.1 | 0.34\% |
| e694 | Class1a | 116 | 15,840.1 | 0.39\% | 16,269.2 | 0.40\% | 2,680.2 | 0.07\% |
| e696 | Class1a | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 1,178.4 | 0.03\% |
| e697 | Class1a | 21 | 4,423.8 | 0.11\% | 8,148.5 | 0.20\% | 3,382.1 | 0.08\% |
| e701 | Class1a | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 812.8 | 0.02\% |


| Project Project <br> Class | Number of Jobs | Charged CUs | Charged Utilisation | Used CUs | Utilisation | Allocated CUs | Allocation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| e705 Class1a | 35 | 2,579.9 | 0.06\% | 2,579.9 | 0.06\% | 3,514.6 | 0.09\% |
| e707 Class1a | 14 | 390.4 | 0.01\% | 390.4 | 0.01\% | 10,515.7 | 0.26\% |
| e710 Class1a | 305 | 921.0 | 0.02\% | 921.0 | 0.02\% | 3,984.4 | 0.10\% |
| e712 Class1a | 4 | 11.3 | 0.00\% | 11.3 | 0.00\% | 15,937.7 | 0.39\% |
| e720 Class1a | 823 | 27,484.0 | 0.68\% | 28,361.6 | 0.70\% | 34,425.5 | 0.85\% |
| e721 Class1a | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 2,629.7 | 0.06\% |
| e728 Class1a | 215 | 7,426.9 | 0.18\% | 7,522.8 | 0.18\% | 2,506.9 | 0.06\% |
| e751 Class1a | 116 | 17,491.2 | 0.43\% | 17,491.2 | 0.43\% | 4,778.1 | 0.12\% |
| e752 Class1a | 41 | 202.3 | 0.00\% | 202.3 | 0.00\% | 3,346.9 | 0.08\% |
| e758 Class1a | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 3,128.9 | 0.08\% |
| e763 Class1a | 157 | 575.9 | 0.01\% | 575.9 | 0.01\% | 4,781.3 | 0.12\% |
| e764 Class1a | 17 | 0.2 | 0.00\% | 0.2 | 0.00\% | 7,003.4 | 0.17\% |
| e767 Class1a | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 5,546.4 | 0.14\% |
| e769 Class1a | 63 | 2,355.7 | 0.06\% | 2,355.7 | 0.06\% | 31,875.4 | 0.78\% |
| e770 Class1a | 139 | 1,490.2 | 0.04\% | 1,490.2 | 0.04\% | 70,000.0 | 1.72\% |
| e793 Class1a | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 39,844.3 | 0.98\% |
| e820 Class1a | 89 | 920.2 | 0.02\% | 943.2 | 0.02\% | 14,718.8 | 0.36\% |
| e821 Class1a | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 3,328.6 | 0.08\% |
| e838 Class1a | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 6,375.1 | 0.16\% |
| e855 Class1a | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 270.3 | 0.01\% |
| ec110 Class1a | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 1,109.3 | 0.03\% |
| e01 Consortia | 2,728 | 272,193.1 | 6.69\% | 346,356.9 | 8.51\% | 326,755.0 | 8.03\% |
| e05 Consortia | 37,817 | 869,777.0 | 21.37\% | 1,084,280.8 | 26.64\% | 737,119.3 | 18.11\% |
| e89 Consortia | 40,266 | 455,536.8 | 11.19\% | 479,108.9 | 11.77\% | 354,136.0 | 8.70\% |
| e280 Consortia | 7,790 | 209,061.0 | 5.14\% | 225,902.1 | 5.55\% | 199,221.4 | 4.89\% |
| e281 Consortia | 1,807 | 53,587.6 | 1.32\% | 74,981.6 | 1.84\% | 105,188.9 | 2.58\% |
| e283 Consortia | 4,482 | 6,966.2 | 0.17\% | 7,012.8 | 0.17\% | 57,694.5 | 1.42\% |
| e772 Consortia | 677 | 24,101.3 | 0.59\% | 25,747.4 | 0.63\% | 59,766.4 | 1.47\% |
| e773 Consortia | 469 | 18,135.5 | 0.45\% | 18,230.8 | 0.45\% | 29,498.8 | 0.72\% |
| e788 Pump Priming | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 275.6 | 0.01\% |
| e805 Pump Priming | 2 | 873.8 | 0.02\% | 873.8 | 0.02\% | 121.3 | 0.00\% |
| e818 Pump Priming | 58 | 7.3 | 0.00\% | 7.3 | 0.00\% | 3,481.4 | 0.09\% |
| e819 Pump Priming | 8 | 75.4 | 0.00\% | 75.4 | 0.00\% | 304.3 | 0.01\% |
| e823 Pump Priming | 13 | 4,040.0 | 0.10\% | 4,041.0 | 0.10\% | 364.8 | 0.01\% |
| e824 Pump Priming | 108 | 217.9 | 0.01\% | 217.9 | 0.01\% | 627.4 | 0.02\% |
| e825 Pump Priming | 5 | 74.0 | 0.00\% | 74.0 | 0.00\% | 633.9 | 0.02\% |
| e826 Pump Priming | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 633.9 | 0.02\% |
| e837 Pump Priming | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 544.6 | 0.01\% |
| e839 Pump Priming | 125 | 2,525.9 | 0.06\% | 2,525.9 | 0.06\% | 631.3 | 0.02\% |
| e853 Pump Priming | 460 | 218.9 | 0.01\% | 218.9 | 0.01\% | 210.5 | 0.01\% |
| ta148 Training | 8 | 0.0 | 0.00\% | 0.0 | 0.00\% | 122.1 | 0.00\% |
| e703 Access to HPC | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 2,916.0 | 0.07\% |
| e727 Access to HPC | 389 | 4,785.8 | 0.12\% | 4,785.8 | 0.12\% | 3,771.5 | 0.09\% |
| e734 Access to HPC | 406 | 4,284.3 | 0.11\% | 7,187.4 | 0.18\% | 28,246.8 | 0.69\% |
| e742 Access to HPC | 59 | 988.1 | 0.02\% | 988.1 | 0.02\% | 1,786.1 | 0.04\% |
| e743 Access to HPC | 3,366 | 5,341.9 | 0.13\% | 5,439.4 | 0.13\% | 12,750.2 | 0.31\% |
| e748 Access to HPC | 255 | 2,005.8 | 0.05\% | 2,005.8 | 0.05\% | 20,912.7 | 0.51\% |
| e776 Access to HPC | 45 | 4,016.1 | 0.10\% | 4,016.1 | 0.10\% | 1,352.8 | 0.03\% |
| e777 Access to HPC | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 3,895.5 | 0.10\% |
| e779 Access to HPC | 24 | 946.4 | 0.02\% | 946.4 | 0.02\% | 1,673.5 | 0.04\% |
| e781 Access to HPC | 465 | 1,802.9 | 0.04\% | 1,802.9 | 0.04\% | 7,503.5 | 0.18\% |
| e783 Access to HPC | 121 | 25,897.0 | 0.64\% | 25,897.0 | 0.64\% | 10,450.4 | 0.26\% |
| e789 Access to HPC | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 10,786.6 | 0.27\% |
| e795 Access to HPC | 23 | 1,520.1 | 0.04\% | 1,700.9 | 0.04\% | 8,567.2 | 0.21\% |
| e796 Access to HPC | 336 | 6.9 | 0.00\% | 4,256.1 | 0.10\% | 6,446.5 | 0.16\% |
| e797 Access to HPC | 263 | 6,147.1 | 0.15\% | 6,147.1 | 0.15\% | 4,791.3 | 0.12\% |
| e798 Access to HPC | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 4,781.3 | 0.12\% |
| e800 Access to HPC | 162 | 5,242.7 | 0.13\% | 5,244.1 | 0.13\% | 4,781.3 | 0.12\% |
| e801 Access to HPC | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 13,276.1 | 0.33\% |
| e802 Access to HPC | 30 | 4,566.3 | 0.11\% | 5,248.2 | 0.13\% | 4,775.6 | 0.12\% |
| e803 Access to HPC | 14 | 5,939.1 | 0.15\% | 5,939.1 | 0.15\% | 5,875.3 | 0.14\% |
| e804 Access to HPC | 236 | 19,865.1 | 0.49\% | 19,984.7 | 0.49\% | 16,522.2 | 0.41\% |
| e806 Access to HPC | 38 | 177.3 | 0.00\% | 177.3 | 0.00\% | 711.6 | 0.02\% |


| Project | Project Class | Number of Jobs | Charged CUs | Charged Utilisation | Used CUs | Utilisation | Allocated CUs | Allocation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| e807 | Access to HPC | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 1,537.2 | 0.04\% |
| e822 | Access to HPC | 85 | 568.1 | 0.01\% | 594.5 | 0.01\% | 5,766.3 | 0.14\% |
| e827 | Access to HPC | 3 | 3,202.9 | 0.08\% | 3,202.9 | 0.08\% | 5,713.3 | 0.14\% |
| e828 | Access to HPC | 14 | 282.7 | 0.01\% | 282.7 | 0.01\% | 659.1 | 0.02\% |
| e829 | Access to HPC | 10 | 0.0 | 0.00\% | 0.0 | 0.00\% | 5,577.0 | 0.14\% |
| e830 | Access to HPC | 178 | 46,246.3 | 1.14\% | 47,605.8 | 1.17\% | 86,174.2 | 2.12\% |
| e840 | Access to HPC | 8,634 | 3,158.0 | 0.08\% | 3,161.5 | 0.08\% | 4,981.7 | 0.12\% |
| e841 | Access to HPC | 40 | 149.9 | 0.00\% | 149.9 | 0.00\% | 2,830.5 | 0.07\% |
| e842 | Access to HPC | 555 | 8,336.7 | 0.20\% | 8,404.8 | 0.21\% | 12,622.7 | 0.31\% |
| e843 | Access to HPC | 41 | 79,880.0 | 1.96\% | 79,880.0 | 1.96\% | 26,444.8 | 0.65\% |
| e844 | Access to HPC | 1 | 0.2 | 0.00\% | 0.2 | 0.00\% | 1,675.1 | 0.04\% |
| e845 | Access to HPC | 577 | 8,322.7 | 0.20\% | 8,602.8 | 0.21\% | 13,158.2 | 0.32\% |
| e846 | Access to HPC | 3,219 | 35,095.0 | 0.86\% | 35,833.6 | 0.88\% | 21,832.8 | 0.54\% |
| e847 | Access to HPC | 38,919 | 3,258.4 | 0.08\% | 3,258.4 | 0.08\% | 1,912.5 | 0.05\% |
| e848 | Access to HPC | 196 | 11,326.5 | 0.28\% | 11,612.1 | 0.29\% | 5,100.1 | 0.13\% |
| e849 | Access to HPC | 106 | 4,090.5 | 0.10\% | 4,486.2 | 0.11\% | 69,784.9 | 1.71\% |
| e850 | Access to HPC | 1,160 | 6,157.9 | 0.15\% | 6,275.7 | 0.15\% | 16,256.5 | 0.40\% |
| e851 | Access to HPC | 365 | 60,977.2 | 1.50\% | 63,275.5 | 1.55\% | 55,788.4 | 1.37\% |
| e852 | Access to HPC | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 777.8 | 0.02\% |
| e854 | Access to HPC | 127 | 4,130.1 | 0.10\% | 4,130.1 | 0.10\% | 1,264.0 | 0.03\% |
| EPSRC Total |  | 181,023 | 2,644,371.7 | 64.97\% | 3,028,867.8 | 74.42\% | 3,126,537.9 | 76.82\% |
| n01 | Consortia | 6,022 | 102,113.0 | 2.51\% | 102,567.7 | 2.52\% | 100,469.9 | 2.47\% |
| n02 | Consortia | 166,418 | 456,287.8 | 11.21\% | 465,494.4 | 11.44\% | 788,942.6 | 19.38\% |
| n03 | Consortia | 3,613 | 120,608.1 | 2.96\% | 122,335.9 | 3.01\% | 156,885.2 | 3.85\% |
| NERC Total |  | 176,053 | 679,008.9 | 16.68\% | 690,398.0 | 16.96\% | 1,046,297.8 | 25.71\% |
| b19 | Class1a | 298 | 3,780.0 | 0.09\% | 3,780.0 | 0.09\% | 2,949.0 | 0.07\% |
| BBSRC Total |  | 298 | 3,780.0 | 0.09\% | 3,780.0 | 0.09\% | 2,949.0 | 0.07\% |
| e756 | Leadership Awards | 60 | 248.6 | 0.01\% | 248.6 | 0.01\% | 4,755.2 | 0.12\% |
| e723 | Class1a | 885 | 17,674.5 | 0.43\% | 19,437.0 | 0.48\% | 55,782.0 | 1.37\% |
| e738 | Class1a | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 15,937.7 | 0.39\% |
| UKRI Total |  | 945 | 17,923.1 | 0.44\% | 19,685.6 | 0.48\% | 76,474.9 | 1.88\% |
| ecseab03 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 45.0 | 0.00\% |
| ecseae08 | eCSE | 54 | 35.9 | 0.00\% | 35.9 | 0.00\% | 59.3 | 0.00\% |
| ecseaf03 | eCSE | 17 | 9.6 | 0.00\% | 9.6 | 0.00\% | 30.4 | 0.00\% |
| ecseaf04 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 60.9 | 0.00\% |
| ecseaf06 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 55.1 | 0.00\% |
| ecseag02 | eCSE | 19 | 1.2 | 0.00\% | 1.2 | 0.00\% | 57.1 | 0.00\% |
| ecseag06 | eCSE | 89 | 9.6 | 0.00\% | 9.6 | 0.00\% | 40.3 | 0.00\% |
| ecseag09 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 58.7 | 0.00\% |
| ecseah01 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 95.2 | 0.00\% |
| ecseah05 | eCSE | 137 | 1.1 | 0.00\% | 2.2 | 0.00\% | 50.9 | 0.00\% |
| ecseah10 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 100.7 | 0.00\% |
| ecseah11 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 68.4 | 0.00\% |
| ecseah12 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 89.7 | 0.00\% |
| ecseai03 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 71.4 | 0.00\% |
| ecseai04 | eCSE | 27 | 20.6 | 0.00\% | 20.6 | 0.00\% | 97.3 | 0.00\% |
| ecseai05 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 116.6 | 0.00\% |
| ecseai09 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 98.3 | 0.00\% |
| ecseai10 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 89.7 | 0.00\% |
| ecseai12 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 55.1 | 0.00\% |
| ecseaj02 | eCSE | 16 | 0.2 | 0.00\% | 0.3 | 0.00\% | 55.5 | 0.00\% |
| ecseaj03 | eCSE | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 101.8 | 0.00\% |
| ecseak03 | eCSE | 109 | 4.9 | 0.00\% | 6.1 | 0.00\% | 37.2 | 0.00\% |
| eCSE Total |  | 468 | 83.1 | 0.00\% | 85.6 | 0.00\% | 1,534.6 | 0.04\% |
| d35 | Research | 627 | 9.1 | 0.00\% | 23.1 | 0.00\% | 386.7 | 0.01\% |
| d011 | Research | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 164.3 | 0.00\% |
| d114 | Research | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 4,889.1 | 0.12\% |
| d137 | Research | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 1,238.1 | 0.03\% |
| d142 | Research | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 3,918.9 | 0.10\% |
| d175 | Research | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 1,759.4 | 0.04\% |
| d183 | Research | 52 | 98.0 | 0.00\% | 98.0 | 0.00\% | 166.4 | 0.00\% |
| d193 | Research | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 211.7 | 0.01\% |


| Project | Project Class | Number of Jobs | Charged CUs | Charged Utilisation | Used CUs | Utilisation | Allocated CUs | Allocation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| d435 | Research | 195 | 4,219.2 | 0.10\% | 4,219.3 | 0.10\% | 3,565.6 | 0.09\% |
| d437 | Research | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 396.2 | 0.01\% |
| i246 | Research | 43 | 0.0 | 0.00\% | 691.8 | 0.02\% | 0.1 | 0.00\% |
| d195 | Industrial | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 77.7 | 0.00\% |
| d433 | Industrial | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 79.2 | 0.00\% |
| i01 | Industrial | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 668.1 | 0.02\% |
| $i 18$ | Industrial | 3 | 12.5 | 0.00\% | 12.5 | 0.00\% | 1,420.9 | 0.03\% |
| i21 | Industrial | 9 | 0.2 | 0.00\% | 0.2 | 0.00\% | 7.9 | 0.00\% |
| 126 | Industrial | 87 | 90.5 | 0.00\% | 90.5 | 0.00\% | 158.5 | 0.00\% |
| 128 | Industrial | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 105.9 | 0.00\% |
| 129 | Industrial | 45 | 5.2 | 0.00\% | 5.2 | 0.00\% | 151.1 | 0.00\% |
| i239 | Industrial | 790 | 2,104.3 | 0.05\% | 2,104.3 | 0.05\% | 1,343.0 | 0.03\% |
| i241 | Industrial | 2 | 64.0 | 0.00\% | 64.0 | 0.00\% | 1,485.9 | 0.04\% |
| i242 | Industrial | 5 | 29.4 | 0.00\% | 29.4 | 0.00\% | 530.5 | 0.01\% |
| i243 | Industrial | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 628.8 | 0.02\% |
| i244 | Industrial | 892 | 1,400.7 | 0.03\% | 1,400.7 | 0.03\% | 644.3 | 0.02\% |
| i247 | Industrial | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 934.4 | 0.02\% |
| i248 | Industrial | 91 | 3,202.8 | 0.08\% | 3,204.0 | 0.08\% | 6,090.4 | 0.15\% |
| m23oc | Training | 282 | 13.0 | 0.00\% | 13.0 | 0.00\% | 526.6 | 0.01\% |
| m23ol | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 351.1 | 0.01\% |
| m23ext | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 99.0 | 0.00\% |
| mdisspt | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 172.6 | 0.00\% |
| ta094 | Training | 152 | 404.8 | 0.01\% | 419.0 | 0.01\% | 2,387.0 | 0.06\% |
| ta095 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 59.7 | 0.00\% |
| ta096 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 59.7 | 0.00\% |
| ta097 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 59.7 | 0.00\% |
| ta109 | Training | 18 | 0.1 | 0.00\% | 0.1 | 0.00\% | 521.9 | 0.01\% |
| ta110 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 17.8 | 0.00\% |
| ta111 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 17.8 | 0.00\% |
| ta112 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 17.8 | 0.00\% |
| ta124 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 17.8 | 0.00\% |
| ta125 | Training | 7 | 0.2 | 0.00\% | 0.2 | 0.00\% | 17.8 | 0.00\% |
| ta126 | Training | 34 | 3.7 | 0.00\% | 3.7 | 0.00\% | 29.7 | 0.00\% |
| ta127 | Training | 152 | 142.7 | 0.00\% | 142.7 | 0.00\% | 618.0 | 0.02\% |
| ta132 | Training | 9 | 0.5 | 0.00\% | 0.5 | 0.00\% | 10.6 | 0.00\% |
| ta133 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 27.5 | 0.00\% |
| ta134 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 33.3 | 0.00\% |
| ta135 | Training | 502 | 1,899.1 | 0.05\% | 1,920.4 | 0.05\% | 716.1 | 0.02\% |
| ta136 | Training | 31 | 0.2 | 0.00\% | 0.2 | 0.00\% | 9.0 | 0.00\% |
| ta137 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 53.1 | 0.00\% |
| ta138 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 56.9 | 0.00\% |
| ta139 | Training | 92 | 908.8 | 0.02\% | 639.6 | 0.02\% | 659.1 | 0.02\% |
| ta140 | Training | 94 | 0.6 | 0.00\% | 0.6 | 0.00\% | 161.5 | 0.00\% |
| ta141 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 150.0 | 0.00\% |
| ta142 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 79.3 | 0.00\% |
| ta143 | Training | 62 | 0.5 | 0.00\% | 0.5 | 0.00\% | 75.6 | 0.00\% |
| ta144 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 47.1 | 0.00\% |
| ta145 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 81.4 | 0.00\% |
| ta146 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 55.2 | 0.00\% |
| ta147 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 26.1 | 0.00\% |
| ta149 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 40.0 | 0.00\% |
| ta150 | Training | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 40.0 | 0.00\% |
| d191 | Service | 108 | 0.0 | 0.00\% | 392.6 | 0.01\% | 4.0 | 0.00\% |
| y01 | Service | 13 | 120.5 | 0.00\% | 80.3 | 0.00\% | 70.0 | 0.00\% |
| y02 | Service | 548 | 11,033.9 | 0.27\% | 11,026.2 | 0.27\% | 1,980.9 | 0.05\% |
| y07 | Service | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 26.5 | 0.00\% |
| z02 | Service | 4 | 0.0 | 0.00\% | 0.0 | 0.00\% | 7.9 | 0.00\% |
| z19 | Service | 6,286 | 13,491.7 | 0.33\% | 13,643.3 | 0.34\% | 39,617.5 | 0.97\% |
| z40 | Service | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 159.4 | 0.00\% |
| z99 | Service | 0 | 0.0 | 0.00\% | 0.0 | 0.00\% | 0.8 | 0.00\% |
| z043 | Service | 100 | 715.4 | 0.02\% | 725.2 | 0.02\% | 239.8 | 0.01\% |
| DirectorsTime Total |  | 11,335 | 39,971.7 | 0.98\% | 40,951.3 | 1.01\% | 80,425.5 | 1.98\% |


| Project | Project <br> Class | Number <br> of Jobs | Charged <br> CUs | Charged <br> Utilisation | Used CUs | Utilisation | Allocated <br> CUs | Allocation |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| e775 Access to HPC | 2 | $1,890.0$ | $0.05 \%$ | $1,890.0$ | $0.05 \%$ | 0.0 | $0.00 \%$ |  |
| e776 Access to HPC | 17 | 966.7 | $0.02 \%$ | 966.7 | $0.02 \%$ | 0.0 | $0.00 \%$ |  |
| e688 | Pioneer <br> Projects | 2 | $12,292.6$ | $0.30 \%$ | $12,292.6$ | $0.30 \%$ |  | 0.0 |
|  |  |  |  |  |  | $0.00 \%$ |  |  |
| e507 Access to HPC | 6 | $1,826.0$ | $0.04 \%$ | $1,826.0$ | $0.04 \%$ | 0.0 | $0.00 \%$ |  |
| Total | 27 | $16,975.3$ | $0.42 \%$ | $16,975.3$ | $0.42 \%$ | 0.0 | $0.00 \%$ |  |
| Total |  | 370,149 | $3,402,113.9$ | $83.59 \%$ | $3,800,743.7$ | $93.38 \%$ | $4,334,219.7$ | $106.49 \%$ |

Use by Project


Uncharged Use by Project


## Jobs by Project



CUs (by Size)

| Size | CUs | Number of Jobs |
| :---: | :---: | :---: |
| 1 | 0 | 2 |
| 2 | 0 | 35,806 |
| 3-4 | 0 | 1,636 |
| 5-8 | 0 | 1,494 |
| 9-16 | 0 | 55 |
| 17-32 | 0 | 1,003 |
| 33-64 | 0 | 61 |
| 129-256 | 161,118.181 | 136,394 |
| 257-512 | 154,168.934 | 30,973 |
| 513-1024 | 397,541.776 | 48,963 |
| 1025-2048 | 586,502.693 | 57,624 |
| 2049-4096 | 714,641.514 | 24,016 |
| 4097-8192 | 506,748.611 | 28,012 |
| 8193-16384 | 384,502.081 | 2,778 |
| 16385-32768 | 243,002.995 | 932 |
| 32769-65536 | 86,996.168 | 231 |
| 65537-131072 | 123,830.289 | 88 |
| 131073-262144 | 19,967.18 | 58 |
| 262145-524288 | 16,792.569 | 17 |
| 524289-1048576 | 766.862 | 2 |

## Load plots



Percentage load on machine



CUs used by Size


Jobs grouped by wall-clock-hours


CUs used grouped by wall-clock-hours


Jobs grouped by core-hours


CUs used grouped by core-hours

## Disk usage

Disk usage for home ( a2fs-home1)
This is a plot of Disk Use on a2fs-home1 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.


## Disk usage for home ( a2fs-home2)

This is a plot of Disk Use on a2fs-home2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.


## Disk usage for home ( a2fs-home3)

This is a plot of Disk Use on a2fs-home3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.


## Disk usage for scratch ( a2fs-nvme )

This is a plot of Disk Use on a2fs-nvme against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.
a2fs-nvme


## Disk usage for work ( a2fs-work1)

This is a plot of Disk Use on a2fs-work1 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.
a2fs-work 1


## Disk usage for work ( a2fs-work2 )

This is a plot of Disk Use on a2fs-work2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.


## Disk usage for work ( a2fs-work3)

This is a plot of Disk Use on a2fs-work3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.


## Disk usage for work ( a2fs-work4 )

This is a plot of Disk Use on a2fs-work4 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.


## Disk usage for epsrc ( rdfaas_epsrc )

This is a plot of Disk Use on rdfaas_epsrc against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.
rdfaas_epsrc


## Disk usage for general ( rdfaas_general )

This is a plot of Disk Use on rdfaas_general against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.
rdfaas_general


