

Date: 02/12/2022

Settlement Day:09/11/2022

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:22/23

Internal Scheme Name:2022/2023

Internal Scheme Day: 223

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

| | | |
|---|-----------------|--------------------|
| Daily Cashflow SO BM | + .000 | + .000 |
| Daily Cashflow SO RR | + .000 | + .000 |
| Daily Total SO Cashflow | +10,663,574.450 | +722,339,745.370 |
| Balancing Services Contract Cost | +3,328,213.084 | +627,183,605.954 |
| Balancing Services Cost Variable | +3,399,616.152 | +935,648,499.452 |
| ESO Incentive Recovery Costs | + .000 | + .000 |
| Black Start Capital Costs | +62,417.360 | +5,467,915.840 |
| Black Start Testing Costs | + .000 | +225,432.650 |
| Black Start Availability Costs | +101,840.160 | +23,014,274.600 |
| Black Start Other Costs | +2,000,000.000 | +80,000,000.000 |
| System Operator Internal Costs | +1,051,037.140 | +234,381,282.220 |
| System Innovation Costs | + .000 | + .000 |
| Prior Year Cost Recovery | + .000 | + .000 |
| SO-TO Outage Costs | +3,680.000 | +820,640.000 |
| ALoMCP Recovery | +32,876.710 | +7,331,506.330 |
| CMP 381 Deferral | +133,716.110 | +25,539,777.010 |
| Wind Forecast Incentive | + .000 | + .000 |
| Provision Of Balancing Services to Others | + .000 | + .000 |
| Total Internal Costs | +1,051,037.140 | +234,381,282.220 |
| Total External Costs | +19,725,934.026 | +2,427,571,397.206 |
| Total Adjusted Energy Volume (MWh) | +1,453,813.396 | |

Date: 02/12/2022

Settlement Day:09/11/2022

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

BALANCING SERVICES USE OF SYSTEM CHARGE - DAILY SETTLEMENT PERIOD COMPONENTS

| Settlement Period | Period total Energy Volume(MWh) | Total Period Balance use of System Charges | Balancing Services Price(£/MWh) |
|----------------------|------------------------------------|--|------------------------------------|
| 01 | +23,543.264 | +481,397.915 | +20.44737 |
| 02 | +23,636.537 | +486,633.450 | +20.58819 |
| 03 | +23,265.118 | +490,105.462 | +21.06611 |
| 04 | +22,908.794 | +485,385.895 | +21.18775 |
| 05 | +22,418.744 | +486,423.174 | +21.69716 |
| 06 | +22,127.229 | +491,817.708 | +22.22681 |
| 07 | +22,083.675 | +496,905.390 | +22.50103 |
| 08 | +21,941.656 | +500,903.702 | +22.82889 |
| 09 | +22,120.168 | +456,911.198 | +20.65586 |
| 10 | +22,174.617 | +437,230.912 | +19.71763 |
| 11 | +22,711.204 | +404,661.945 | +17.81772 |
| 12 | +23,725.276 | +404,128.642 | +17.03368 |
| 13 | +26,212.709 | +364,461.172 | +13.90399 |
| 14 | +28,654.513 | +323,412.723 | +11.28662 |
| 15 | +30,906.743 | +401,188.468 | +12.98061 |
| 16 | +32,104.306 | +417,117.098 | +12.99256 |
| 17 | +32,544.130 | +362,117.660 | +11.12697 |
| 18 | +32,656.671 | +354,021.664 | +10.84072 |
| 19 | +32,932.825 | +340,794.763 | +10.34818 |
| 20 | +32,529.725 | +335,391.652 | +10.31031 |
| 21 | +32,702.373 | +250,762.813 | +7.66803 |
| 22 | +32,507.455 | +256,856.281 | +7.90146 |
| 23 | +32,466.899 | +249,248.658 | +7.67701 |
| 24 | +32,351.796 | +259,118.236 | +8.00939 |
| 25 | +32,571.639 | +268,878.103 | +8.25498 |
| 26 | +32,586.306 | +290,066.860 | +8.90150 |
| 27 | +32,677.265 | +285,369.905 | +8.73298 |
| 28 | +32,559.238 | +328,907.253 | +10.10181 |
| 29 | +32,922.318 | +372,148.368 | +11.30383 |
| 30 | +33,248.787 | +427,897.010 | +12.86955 |
| 31 | +34,108.695 | +445,428.190 | +13.05908 |
| 32 | +35,039.033 | +501,647.600 | +14.31682 |
| 33 | +36,198.163 | +565,891.134 | +15.63315 |
| 34 | +38,044.684 | +523,348.105 | +13.75614 |
| 35 | +38,776.740 | +565,716.043 | +14.58906 |
| 36 | +38,736.136 | +568,808.509 | +14.68418 |
| 37 | +38,535.138 | +501,120.393 | +13.00425 |
| 38 | +38,205.475 | +528,004.333 | +13.82012 |
| 39 | +37,113.467 | +597,050.653 | +16.08717 |
| 40 | +35,749.598 | +561,697.009 | +15.71198 |
| 41 | +34,595.352 | +516,539.157 | +14.93088 |
| 42 | +33,425.645 | +471,624.955 | +14.10967 |

| | | | |
|----|-------------|--------------|-----------|
| 43 | +31,727.964 | +449,910.432 | +14.18025 |
| 44 | +30,181.693 | +443,489.725 | +14.69400 |
| 45 | +28,425.494 | +490,767.270 | +17.26504 |
| 46 | +27,058.752 | +466,029.886 | +17.22289 |
| 47 | +25,548.401 | +526,710.195 | +20.61617 |
| 48 | +24,550.986 | +542,789.224 | +22.10865 |

Date: 02/12/2022

Settlement Day:09/11/2022

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

| Settlement Period | Total Adjustment Energy factor Volume | Cashflow SO BM Cost(£) | Cashflow SO RR Cost(£) | Total SO Cashflow Cost(£) | Balancing Services Contract Cost(£) | Balancing Services Cost Variable(£) |
|----------------------|--|---------------------------|---------------------------|------------------------------|---|--|
| 01 | +0.01619 | +0.00 | +0.00 | +243,051.68 | +53,883.770 | +129,650.128 |
| 02 | +0.01626 | +0.00 | +0.00 | +247,817.25 | +54,116.745 | +129,650.128 |
| 03 | +0.01600 | +0.00 | +0.00 | +248,666.10 | +53,251.409 | +134,018.873 |
| 04 | +0.01576 | +0.00 | +0.00 | +245,557.84 | +52,452.638 | +134,018.873 |
| 05 | +0.01542 | +0.00 | +0.00 | +254,003.01 | +51,321.046 | +128,893.668 |
| 06 | +0.01522 | +0.00 | +0.00 | +260,740.30 | +50,655.403 | +128,893.668 |
| 07 | +0.01519 | +0.00 | +0.00 | +264,844.57 | +50,555.557 | +130,078.493 |
| 08 | +0.01509 | +0.00 | +0.00 | +269,514.26 | +50,222.735 | +130,078.493 |
| 09 | +0.01522 | +0.00 | +0.00 | +295,512.98 | +50,655.403 | +59,214.478 |
| 10 | +0.01525 | +0.00 | +0.00 | +275,631.28 | +50,755.250 | +59,214.478 |
| 11 | +0.01562 | +0.00 | +0.00 | +250,121.73 | +51,986.688 | +49,670.963 |
| 12 | +0.01632 | +0.00 | +0.00 | +244,888.78 | +54,316.438 | +49,670.963 |
| 13 | +0.01803 | +0.00 | +0.00 | +136,304.81 | +60,007.682 | +107,106.898 |
| 14 | +0.01971 | +0.00 | +0.00 | +117,277.21 | +65,599.080 | +73,806.898 |
| 15 | +0.02126 | +0.00 | +0.00 | +90,444.55 | +70,757.810 | +168,008.943 |
| 16 | +0.02208 | +0.00 | +0.00 | +100,867.88 | +73,486.945 | +168,008.943 |
| 17 | +0.02239 | +0.00 | +0.00 | +63,610.90 | +74,518.691 | +148,185.213 |
| 18 | +0.02246 | +0.00 | +0.00 | +55,044.94 | +74,751.666 | +148,185.213 |
| 19 | +0.02265 | +0.00 | +0.00 | +62,547.26 | +75,384.026 | +126,180.373 |
| 20 | +0.02238 | +0.00 | +0.00 | +58,956.87 | +74,485.409 | +126,180.373 |
| 21 | +0.02249 | +0.00 | +0.00 | +82,127.14 | +74,851.512 | +17,642.748 |
| 22 | +0.02236 | +0.00 | +0.00 | +89,093.40 | +74,418.845 | +17,642.748 |
| 23 | +0.02233 | +0.00 | +0.00 | +98,444.94 | +74,318.998 | +884.998 |
| 24 | +0.02225 | +0.00 | +0.00 | +108,851.62 | +74,052.741 | +884.998 |
| 25 | +0.02240 | +0.00 | +0.00 | +117,604.42 | +74,551.973 | +884.998 |
| 26 | +0.02241 | +0.00 | +0.00 | +138,726.04 | +74,585.255 | +884.998 |
| 27 | +0.02248 | +0.00 | +0.00 | +133,559.12 | +74,818.230 | +884.998 |
| 28 | +0.02240 | +0.00 | +0.00 | +177,633.57 | +74,551.973 | +884.998 |
| 29 | +0.02265 | +0.00 | +0.00 | +183,877.15 | +75,384.026 | +36,204.088 |
| 30 | +0.02287 | +0.00 | +0.00 | +238,148.76 | +76,116.233 | +36,204.088 |
| 31 | +0.02346 | +0.00 | +0.00 | +246,900.87 | +78,079.879 | +41,022.028 |
| 32 | +0.02410 | +0.00 | +0.00 | +298,823.46 | +80,209.935 | +41,022.028 |
| 33 | +0.02490 | +0.00 | +0.00 | +321,231.00 | +82,872.506 | +77,486.998 |
| 34 | +0.02617 | +0.00 | +0.00 | +270,161.47 | +87,099.336 | +77,486.998 |
| 35 | +0.02667 | +0.00 | +0.00 | +266,704.52 | +88,763.443 | +119,954.995 |
| 36 | +0.02664 | +0.00 | +0.00 | +269,998.40 | +88,663.597 | +119,954.995 |
| 37 | +0.02651 | +0.00 | +0.00 | +265,086.32 | +88,230.929 | +58,051.750 |
| 38 | +0.02628 | +0.00 | +0.00 | +293,514.43 | +87,465.440 | +58,051.750 |
| 39 | +0.02553 | +0.00 | +0.00 | +359,283.04 | +84,969.280 | +66,364.795 |
| 40 | +0.02459 | +0.00 | +0.00 | +330,240.35 | +81,840.760 | +66,364.795 |
| 41 | +0.02380 | +0.00 | +0.00 | +319,323.43 | +79,211.471 | +37,427.750 |
| 42 | +0.02299 | +0.00 | +0.00 | +279,847.39 | +76,515.619 | +37,427.750 |

| | | | | | | |
|----|----------|------|------|-------------|-------------|-------------|
| 43 | +0.02182 | +.00 | +.00 | +290,189.84 | +72,621.609 | +13,225.900 |
| 44 | +0.02076 | +.00 | +.00 | +290,885.74 | +69,093.704 | +13,225.900 |
| 45 | +0.01955 | +.00 | +.00 | +358,808.86 | +65,066.566 | +704.000 |
| 46 | +0.01861 | +.00 | +.00 | +340,382.43 | +61,938.045 | +704.000 |
| 47 | +0.01757 | +.00 | +.00 | +344,039.07 | +58,476.704 | +64,710.000 |
| 48 | +0.01689 | +.00 | +.00 | +364,683.47 | +56,213.519 | +64,710.000 |

Date: 02/12/2022

Settlement Day:09/11/2022

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

| Settlement Period | ESO Incentive Recovery Costs | Black Start Capital Costs | Black Start Testing Costs | Black Start Availability Costs | Black Start Other Costs | System Operator Internal Costs(£) |
|----------------------|---------------------------------|------------------------------|------------------------------|-----------------------------------|----------------------------|---|
| 01 | +0.000 | +1,010.537 | +0.000 | +1,648.792 | +32,380.000 | +17,016.291 |
| 02 | +0.000 | +1,014.906 | +0.000 | +1,655.921 | +32,520.000 | +17,089.864 |
| 03 | +0.000 | +998.678 | +0.000 | +1,629.443 | +32,000.000 | +16,816.594 |
| 04 | +0.000 | +983.698 | +0.000 | +1,605.001 | +31,520.000 | +16,564.345 |
| 05 | +0.000 | +962.476 | +0.000 | +1,570.375 | +30,840.000 | +16,206.993 |
| 06 | +0.000 | +949.992 | +0.000 | +1,550.007 | +30,440.000 | +15,996.785 |
| 07 | +0.000 | +948.120 | +0.000 | +1,546.952 | +30,380.000 | +15,965.254 |
| 08 | +0.000 | +941.878 | +0.000 | +1,536.768 | +30,180.000 | +15,860.150 |
| 09 | +0.000 | +949.992 | +0.000 | +1,550.007 | +30,440.000 | +15,996.785 |
| 10 | +0.000 | +951.865 | +0.000 | +1,553.062 | +30,500.000 | +16,028.316 |
| 11 | +0.000 | +974.959 | +0.000 | +1,590.743 | +31,240.000 | +16,417.200 |
| 12 | +0.000 | +1,018.651 | +0.000 | +1,662.031 | +32,640.000 | +17,152.926 |
| 13 | +0.000 | +1,125.385 | +0.000 | +1,836.178 | +36,060.000 | +18,950.200 |
| 14 | +0.000 | +1,230.246 | +0.000 | +2,007.270 | +39,420.000 | +20,715.942 |
| 15 | +0.000 | +1,326.993 | +0.000 | +2,165.122 | +42,520.000 | +22,345.050 |
| 16 | +0.000 | +1,378.175 | +0.000 | +2,248.631 | +44,160.000 | +23,206.900 |
| 17 | +0.000 | +1,397.525 | +0.000 | +2,280.201 | +44,780.000 | +23,532.722 |
| 18 | +0.000 | +1,401.894 | +0.000 | +2,287.330 | +44,920.000 | +23,606.294 |
| 19 | +0.000 | +1,413.753 | +0.000 | +2,306.680 | +45,300.000 | +23,805.991 |
| 20 | +0.000 | +1,396.901 | +0.000 | +2,279.183 | +44,760.000 | +23,522.211 |
| 21 | +0.000 | +1,403.766 | +0.000 | +2,290.385 | +44,980.000 | +23,637.825 |
| 22 | +0.000 | +1,395.652 | +0.000 | +2,277.146 | +44,720.000 | +23,501.190 |
| 23 | +0.000 | +1,393.780 | +0.000 | +2,274.091 | +44,660.000 | +23,469.659 |
| 24 | +0.000 | +1,388.786 | +0.000 | +2,265.944 | +44,500.000 | +23,385.576 |
| 25 | +0.000 | +1,398.149 | +0.000 | +2,281.220 | +44,800.000 | +23,543.232 |
| 26 | +0.000 | +1,398.773 | +0.000 | +2,282.238 | +44,820.000 | +23,553.742 |
| 27 | +0.000 | +1,403.142 | +0.000 | +2,289.367 | +44,960.000 | +23,627.315 |
| 28 | +0.000 | +1,398.149 | +0.000 | +2,281.220 | +44,800.000 | +23,543.232 |
| 29 | +0.000 | +1,413.753 | +0.000 | +2,306.680 | +45,300.000 | +23,805.991 |
| 30 | +0.000 | +1,427.485 | +0.000 | +2,329.084 | +45,740.000 | +24,037.219 |
| 31 | +0.000 | +1,464.311 | +0.000 | +2,389.170 | +46,920.000 | +24,657.331 |
| 32 | +0.000 | +1,504.258 | +0.000 | +2,454.348 | +48,200.000 | +25,329.995 |
| 33 | +0.000 | +1,554.192 | +0.000 | +2,535.820 | +49,800.000 | +26,170.825 |
| 34 | +0.000 | +1,633.462 | +0.000 | +2,665.157 | +52,340.000 | +27,505.642 |
| 35 | +0.000 | +1,664.671 | +0.000 | +2,716.077 | +53,340.000 | +28,031.161 |
| 36 | +0.000 | +1,662.798 | +0.000 | +2,713.022 | +53,280.000 | +27,999.629 |
| 37 | +0.000 | +1,654.684 | +0.000 | +2,699.783 | +53,020.000 | +27,862.995 |
| 38 | +0.000 | +1,640.328 | +0.000 | +2,676.359 | +52,560.000 | +27,621.256 |
| 39 | +0.000 | +1,593.515 | +0.000 | +2,599.979 | +51,060.000 | +26,832.978 |
| 40 | +0.000 | +1,534.843 | +0.000 | +2,504.250 | +49,180.000 | +25,845.003 |
| 41 | +0.000 | +1,485.533 | +0.000 | +2,423.796 | +47,600.000 | +25,014.684 |
| 42 | +0.000 | +1,434.975 | +0.000 | +2,341.305 | +45,980.000 | +24,163.344 |

| | | | | | | |
|----|-------|------------|-------|------------|-------------|-------------|
| 43 | +.000 | +1,361.947 | +.000 | +2,222.152 | +43,640.000 | +22,933.630 |
| 44 | +.000 | +1,295.784 | +.000 | +2,114.202 | +41,520.000 | +21,819.531 |
| 45 | +.000 | +1,220.259 | +.000 | +1,990.975 | +39,100.000 | +20,547.776 |
| 46 | +.000 | +1,161.587 | +.000 | +1,895.245 | +37,220.000 | +19,559.801 |
| 47 | +.000 | +1,096.673 | +.000 | +1,789.332 | +35,140.000 | +18,466.723 |
| 48 | +.000 | +1,054.229 | +.000 | +1,720.080 | +33,780.000 | +17,752.017 |

Date: 02/12/2022

Settlement Day:09/11/2022

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

| Settlement Period | System Innovation Costs(£) | Prior Year Cost Recovery | SO-TO Outage Costs | ALoMCP Recovery | CMP 381 Deferral | Wind forecast Incentive(£) |
|----------------------|----------------------------------|-----------------------------|-----------------------|-----------------|---------------------|-------------------------------|
| 01 | +.000 | +.000 | +59.579 | +532.274 | +2,164.864 | +.000 |
| 02 | +.000 | +.000 | +59.837 | +534.575 | +2,174.224 | +.000 |
| 03 | +.000 | +.000 | +58.880 | +526.027 | +2,139.458 | +.000 |
| 04 | +.000 | +.000 | +57.997 | +518.137 | +2,107.366 | +.000 |
| 05 | +.000 | +.000 | +56.746 | +506.959 | +2,061.902 | +.000 |
| 06 | +.000 | +.000 | +56.010 | +500.384 | +2,035.159 | +.000 |
| 07 | +.000 | +.000 | +55.899 | +499.397 | +2,031.148 | +.000 |
| 08 | +.000 | +.000 | +55.531 | +496.110 | +2,017.776 | +.000 |
| 09 | +.000 | +.000 | +56.010 | +500.384 | +2,035.159 | +.000 |
| 10 | +.000 | +.000 | +56.120 | +501.370 | +2,039.171 | +.000 |
| 11 | +.000 | +.000 | +57.482 | +513.534 | +2,088.646 | +.000 |
| 12 | +.000 | +.000 | +60.058 | +536.548 | +2,182.247 | +.000 |
| 13 | +.000 | +.000 | +66.350 | +592.767 | +2,410.901 | +.000 |
| 14 | +.000 | +.000 | +72.533 | +648.000 | +2,635.545 | +.000 |
| 15 | +.000 | +.000 | +78.237 | +698.959 | +2,842.804 | +.000 |
| 16 | +.000 | +.000 | +81.254 | +725.918 | +2,952.452 | +.000 |
| 17 | +.000 | +.000 | +82.395 | +736.110 | +2,993.904 | +.000 |
| 18 | +.000 | +.000 | +82.653 | +738.411 | +3,003.264 | +.000 |
| 19 | +.000 | +.000 | +83.352 | +744.657 | +3,028.670 | +.000 |
| 20 | +.000 | +.000 | +82.358 | +735.781 | +2,992.567 | +.000 |
| 21 | +.000 | +.000 | +82.763 | +739.397 | +3,007.275 | +.000 |
| 22 | +.000 | +.000 | +82.285 | +735.123 | +2,989.892 | +.000 |
| 23 | +.000 | +.000 | +82.174 | +734.137 | +2,985.881 | +.000 |
| 24 | +.000 | +.000 | +81.880 | +731.507 | +2,975.183 | +.000 |
| 25 | +.000 | +.000 | +82.432 | +736.438 | +2,995.241 | +.000 |
| 26 | +.000 | +.000 | +82.469 | +736.767 | +2,996.578 | +.000 |
| 27 | +.000 | +.000 | +82.726 | +739.068 | +3,005.938 | +.000 |
| 28 | +.000 | +.000 | +82.432 | +736.438 | +2,995.241 | +.000 |
| 29 | +.000 | +.000 | +83.352 | +744.657 | +3,028.670 | +.000 |
| 30 | +.000 | +.000 | +84.162 | +751.890 | +3,058.087 | +.000 |
| 31 | +.000 | +.000 | +86.333 | +771.288 | +3,136.980 | +.000 |
| 32 | +.000 | +.000 | +88.688 | +792.329 | +3,222.558 | +.000 |
| 33 | +.000 | +.000 | +91.632 | +818.630 | +3,329.531 | +.000 |
| 34 | +.000 | +.000 | +96.306 | +860.384 | +3,499.351 | +.000 |
| 35 | +.000 | +.000 | +98.146 | +876.822 | +3,566.209 | +.000 |
| 36 | +.000 | +.000 | +98.035 | +875.836 | +3,562.197 | +.000 |
| 37 | +.000 | +.000 | +97.557 | +871.562 | +3,544.814 | +.000 |
| 38 | +.000 | +.000 | +96.710 | +864.000 | +3,514.059 | +.000 |
| 39 | +.000 | +.000 | +93.950 | +839.342 | +3,413.772 | +.000 |
| 40 | +.000 | +.000 | +90.491 | +808.438 | +3,288.079 | +.000 |
| 41 | +.000 | +.000 | +87.584 | +782.466 | +3,182.443 | +.000 |
| 42 | +.000 | +.000 | +84.603 | +755.836 | +3,074.133 | +.000 |

| | | | | | | |
|----|-------|-------|---------|----------|------------|-------|
| 43 | +.000 | +.000 | +80.298 | +717.370 | +2,917.686 | +.000 |
| 44 | +.000 | +.000 | +76.397 | +682.520 | +2,775.946 | +.000 |
| 45 | +.000 | +.000 | +71.944 | +642.740 | +2,614.150 | +.000 |
| 46 | +.000 | +.000 | +68.485 | +611.836 | +2,488.457 | +.000 |
| 47 | +.000 | +.000 | +64.658 | +577.644 | +2,349.392 | +.000 |
| 48 | +.000 | +.000 | +62.155 | +555.288 | +2,258.465 | +.000 |

Date: 02/12/2022

Settlement Day:09/11/2022

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

| Settlement Period | Provision of Balancing Services to Others(£) | Total Period BSUoS charges(£) |
|----------------------|--|----------------------------------|
| 01 | + .000 | +481,397.915 |
| 02 | + .000 | +486,633.450 |
| 03 | + .000 | +490,105.462 |
| 04 | + .000 | +485,385.895 |
| 05 | + .000 | +486,423.174 |
| 06 | + .000 | +491,817.708 |
| 07 | + .000 | +496,905.390 |
| 08 | + .000 | +500,903.702 |
| 09 | + .000 | +456,911.198 |
| 10 | + .000 | +437,230.912 |
| 11 | + .000 | +404,661.945 |
| 12 | + .000 | +404,128.642 |
| 13 | + .000 | +364,461.172 |
| 14 | + .000 | +323,412.723 |
| 15 | + .000 | +401,188.468 |
| 16 | + .000 | +417,117.098 |
| 17 | + .000 | +362,117.660 |
| 18 | + .000 | +354,021.664 |
| 19 | + .000 | +340,794.763 |
| 20 | + .000 | +335,391.652 |
| 21 | + .000 | +250,762.813 |
| 22 | + .000 | +256,856.281 |
| 23 | + .000 | +249,248.658 |
| 24 | + .000 | +259,118.236 |
| 25 | + .000 | +268,878.103 |
| 26 | + .000 | +290,066.860 |
| 27 | + .000 | +285,369.905 |
| 28 | + .000 | +328,907.253 |
| 29 | + .000 | +372,148.368 |
| 30 | + .000 | +427,897.010 |
| 31 | + .000 | +445,428.190 |
| 32 | + .000 | +501,647.600 |
| 33 | + .000 | +565,891.134 |
| 34 | + .000 | +523,348.105 |
| 35 | + .000 | +565,716.043 |
| 36 | + .000 | +568,808.509 |
| 37 | + .000 | +501,120.393 |
| 38 | + .000 | +528,004.333 |
| 39 | + .000 | +597,050.653 |
| 40 | + .000 | +561,697.009 |
| 41 | + .000 | +516,539.157 |
| 42 | + .000 | +471,624.955 |

| | | |
|----|-------|--------------|
| 43 | +.000 | +449,910.432 |
| 44 | +.000 | +443,489.725 |
| 45 | +.000 | +490,767.270 |
| 46 | +.000 | +466,029.886 |
| 47 | +.000 | +526,710.195 |
| 48 | +.000 | +542,789.224 |