

Date: 16/12/2019

Settlement Day:21/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 235

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,465,180.320	+3,073,339.670
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,446,914.060	+388,247,681.980
Balancing Services Contract Cost	+771,228.438	+208,433,544.031
Balancing Services Cost Variable	+2,131,123.560	+103,952,499.435
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+125,006.400	+27,532,040.036
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+193,656,694.400
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+970,178.700
ESO Incentive Recovery t-1	+80,000.000	+3,520,000.000
ALoMCP Recovery	-81,709.830	-3,595,232.520
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+193,656,694.400
Total External Costs	+4,476,691.048	+736,060,711.662
Total Adjusted Energy Volume (MWh)	+1,619,505.771	

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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	+24,759.375	+153,428.607	+6.19679
02	+25,100.519	+151,877.039	+6.05075
03	+25,081.112	+151,496.582	+6.04027
04	+24,842.997	+135,143.053	+5.43989
05	+24,758.837	+130,882.147	+5.28628
06	+24,534.444	+130,572.816	+5.32202
07	+24,293.555	+129,449.747	+5.32856
08	+23,925.610	+139,095.410	+5.81366
09	+23,985.429	+138,313.839	+5.76658
10	+24,253.540	+143,220.403	+5.90513
11	+24,370.521	+167,779.243	+6.88452
12	+25,634.061	+141,965.608	+5.53816
13	+28,323.324	+161,387.351	+5.69804
14	+31,482.873	+133,340.354	+4.23533
15	+35,224.439	+123,336.057	+3.50143
16	+37,040.548	+122,919.629	+3.31852
17	+37,761.829	+109,638.695	+2.90343
18	+38,033.011	+109,640.971	+2.88278
19	+38,609.514	+112,680.631	+2.91847
20	+38,856.123	+104,895.400	+2.69958
21	+38,808.731	+106,088.748	+2.73363
22	+38,759.220	+102,058.057	+2.63313
23	+38,925.282	+98,265.936	+2.52448
24	+38,908.497	+97,071.262	+2.49486
25	+39,068.630	+93,482.724	+2.39278
26	+38,915.536	+96,176.389	+2.47141
27	+39,022.390	+95,107.070	+2.43724
28	+38,754.639	+93,942.447	+2.42403
29	+38,650.216	+99,050.523	+2.56274
30	+38,666.710	+102,248.500	+2.64435
31	+39,159.732	+98,980.528	+2.52761
32	+39,952.758	+117,029.213	+2.92919
33	+40,421.436	+90,370.683	+2.23571
34	+40,757.304	+85,906.965	+2.10777
35	+40,855.756	+89,598.548	+2.19305
36	+40,511.925	+79,695.539	+1.96721
37	+40,178.392	+90,447.184	+2.25114
38	+39,994.499	+81,649.534	+2.04152
39	+39,904.353	+86,467.341	+2.16686
40	+38,922.493	+80,813.449	+2.07627
41	+37,471.511	+89,418.354	+2.38630
42	+36,028.446	+85,849.019	+2.38281

43	+33,967.978	+89,149.172	+2.62451
44	+32,012.787	+83,507.243	+2.60856
45	+30,578.994	+78,642.568	+2.57178
46	+28,750.180	+96,675.399	+3.36260
47	+26,002.979	+87,515.885	+3.36561
48	+24,682.736	+114,524.681	+4.63987

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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	+0.01529	+115,956.80	+0.00	+115,645.65	+11,792.083	+11,442.500
02	+0.01550	+114,194.14	+0.00	+113,732.31	+11,954.041	+11,442.500
03	+0.01549	+113,436.48	+0.00	+113,160.58	+11,946.329	+11,651.000
04	+0.01534	+97,840.11	+0.00	+97,065.46	+11,830.644	+11,651.000
05	+0.01529	+92,993.09	+0.00	+92,720.69	+11,792.083	+11,821.000
06	+0.01515	+92,995.40	+0.00	+92,652.54	+11,684.111	+11,821.000
07	+0.01500	+92,440.74	+0.00	+91,957.88	+11,568.427	+11,651.000
08	+0.01477	+102,419.73	+0.00	+101,999.77	+11,391.044	+11,651.000
09	+0.01481	+101,910.37	+0.00	+101,299.29	+11,421.893	+11,501.000
10	+0.01498	+106,181.12	+0.00	+105,912.99	+11,553.002	+11,501.000
11	+0.01505	+113,475.86	+0.00	+112,794.24	+11,606.988	+29,058.000
12	+0.01583	+85,936.29	+0.00	+85,636.88	+12,208.546	+29,058.000
13	+0.01749	+43,516.30	+0.00	+42,570.96	+13,488.785	+88,685.940
14	+0.01944	+11,562.55	+0.00	+11,164.65	+14,992.681	+88,685.940
15	+0.02175	+7,626.10	+0.00	+6,736.45	+16,774.219	+79,130.350
16	+0.02287	+4,740.73	+0.00	+4,390.57	+17,637.994	+79,130.350
17	+0.02332	+2,434.34	+0.00	+1,653.37	+17,985.047	+67,811.390
18	+0.02348	+1,687.17	+0.00	+1,380.01	+18,108.444	+67,811.390
19	+0.02384	+5,600.27	+0.00	+5,289.59	+18,386.086	+66,321.290
20	+0.02399	-2,493.09	+0.00	-2,754.05	+18,501.770	+66,321.290
21	+0.02396	-7,265.20	+0.00	-7,351.74	+18,478.633	+72,164.010
22	+0.02393	-11,114.36	+0.00	-11,330.75	+18,455.497	+72,164.010
23	+0.02404	-12,345.59	+0.00	-12,474.14	+18,540.332	+69,325.780
24	+0.02402	-13,451.37	+0.00	-13,634.36	+18,524.907	+69,325.780
25	+0.02412	-11,313.36	+0.00	-11,517.78	+18,602.030	+63,448.390
26	+0.02403	-8,373.37	+0.00	-8,669.07	+18,532.619	+63,448.390
27	+0.02410	-3,273.65	+0.00	-4,142.53	+18,586.605	+57,731.940
28	+0.02393	-4,528.60	+0.00	-5,014.29	+18,455.497	+57,731.940
29	+0.02387	-4,196.90	+0.00	-4,446.26	+18,409.223	+62,375.350
30	+0.02388	-1,030.85	+0.00	-1,265.51	+18,416.935	+62,375.350
31	+0.02418	+9,085.72	+0.00	+8,549.30	+18,648.304	+48,775.750
32	+0.02467	+26,079.78	+0.00	+25,753.85	+19,026.206	+48,775.750
33	+0.02496	+28,785.75	+0.00	+28,146.02	+19,249.862	+19,225.460
34	+0.02517	+23,684.25	+0.00	+23,320.53	+19,411.820	+19,225.460
35	+0.02523	+26,612.11	+0.00	+26,482.27	+19,458.093	+19,651.940
36	+0.02501	+17,019.22	+0.00	+16,958.26	+19,288.423	+19,651.940
37	+0.02481	-1,489.05	+0.00	-2,009.05	+19,134.178	+49,715.440
38	+0.02470	-10,237.25	+0.00	-10,617.20	+19,049.342	+49,715.440
39	+0.02464	-3,249.06	+0.00	-3,361.53	+19,003.069	+47,380.940
40	+0.02403	-7,721.86	+0.00	-7,964.56	+18,532.619	+47,380.940
41	+0.02314	-7,429.32	+0.00	-8,123.65	+17,846.226	+57,678.160
42	+0.02225	-4,604.59	+0.00	-4,779.82	+17,159.833	+52,298.220

43	+0.02097	-1,924.50	+.00	-2,127.12	+16,172.660	+55,150.760
44	+0.01977	-5,444.96	+.00	-5,701.78	+15,247.186	+55,150.760
45	+0.01888	-3,701.97	+.00	-3,899.83	+14,560.793	+50,017.360
46	+0.01775	+16,492.02	+.00	+16,079.68	+13,689.305	+50,017.360
47	+0.01606	+53,759.50	+.00	+53,311.93	+12,385.929	+6,537.000
48	+0.01524	+81,903.28	+.00	+81,733.36	+11,753.521	+6,537.000

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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	+0.000	+0.000	+1,911.348	+0.000	+12,600.046
02	+0.000	+0.000	+0.000	+1,937.599	+0.000	+12,773.101
03	+0.000	+0.000	+0.000	+1,936.349	+0.000	+12,764.860
04	+0.000	+0.000	+0.000	+1,917.598	+0.000	+12,641.250
05	+0.000	+0.000	+0.000	+1,911.348	+0.000	+12,600.046
06	+0.000	+0.000	+0.000	+1,893.847	+0.000	+12,484.676
07	+0.000	+0.000	+0.000	+1,875.096	+0.000	+12,361.066
08	+0.000	+0.000	+0.000	+1,846.345	+0.000	+12,171.529
09	+0.000	+0.000	+0.000	+1,851.345	+0.000	+12,204.492
10	+0.000	+0.000	+0.000	+1,872.596	+0.000	+12,344.584
11	+0.000	+0.000	+0.000	+1,881.346	+0.000	+12,402.269
12	+0.000	+0.000	+0.000	+1,978.851	+0.000	+13,045.045
13	+0.000	+0.000	+0.000	+2,186.362	+0.000	+14,413.002
14	+0.000	+0.000	+0.000	+2,430.124	+0.000	+16,019.941
15	+0.000	+0.000	+0.000	+2,718.889	+0.000	+17,923.545
16	+0.000	+0.000	+0.000	+2,858.896	+0.000	+18,846.505
17	+0.000	+0.000	+0.000	+2,915.149	+0.000	+19,217.337
18	+0.000	+0.000	+0.000	+2,935.150	+0.000	+19,349.188
19	+0.000	+0.000	+0.000	+2,980.153	+0.000	+19,645.854
20	+0.000	+0.000	+0.000	+2,998.904	+0.000	+19,769.464
21	+0.000	+0.000	+0.000	+2,995.153	+0.000	+19,744.742
22	+0.000	+0.000	+0.000	+2,991.403	+0.000	+19,720.020
23	+0.000	+0.000	+0.000	+3,005.154	+0.000	+19,810.668
24	+0.000	+0.000	+0.000	+3,002.654	+0.000	+19,794.186
25	+0.000	+0.000	+0.000	+3,015.154	+0.000	+19,876.593
26	+0.000	+0.000	+0.000	+3,003.904	+0.000	+19,802.427
27	+0.000	+0.000	+0.000	+3,012.654	+0.000	+19,860.112
28	+0.000	+0.000	+0.000	+2,991.403	+0.000	+19,720.020
29	+0.000	+0.000	+0.000	+2,983.903	+0.000	+19,670.576
30	+0.000	+0.000	+0.000	+2,985.153	+0.000	+19,678.816
31	+0.000	+0.000	+0.000	+3,022.655	+0.000	+19,926.038
32	+0.000	+0.000	+0.000	+3,083.908	+0.000	+20,329.833
33	+0.000	+0.000	+0.000	+3,120.160	+0.000	+20,568.813
34	+0.000	+0.000	+0.000	+3,146.411	+0.000	+20,741.868
35	+0.000	+0.000	+0.000	+3,153.911	+0.000	+20,791.312
36	+0.000	+0.000	+0.000	+3,126.410	+0.000	+20,610.017
37	+0.000	+0.000	+0.000	+3,101.409	+0.000	+20,445.203
38	+0.000	+0.000	+0.000	+3,087.658	+0.000	+20,354.555
39	+0.000	+0.000	+0.000	+3,080.158	+0.000	+20,305.110
40	+0.000	+0.000	+0.000	+3,003.904	+0.000	+19,802.427
41	+0.000	+0.000	+0.000	+2,892.648	+0.000	+19,069.004
42	+0.000	+0.000	+0.000	+2,781.392	+0.000	+18,335.581

43	+.000	+.000	+.000	+2,621.384	+.000	+17,280.770
44	+.000	+.000	+.000	+2,471.377	+.000	+16,291.884
45	+.000	+.000	+.000	+2,360.121	+.000	+15,558.461
46	+.000	+.000	+.000	+2,218.864	+.000	+14,627.261
47	+.000	+.000	+.000	+2,007.603	+.000	+13,234.581
48	+.000	+.000	+.000	+1,905.098	+.000	+12,558.843

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

Settlement Period	System Innovation Costs(£)	Prior Year Cost Recovery	EMR Incentive Revenue	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(£)
01	+.000	+.000	+63.124	+1,223.200	-1,249.343	+.000
02	+.000	+.000	+63.991	+1,240.000	-1,266.502	+.000
03	+.000	+.000	+63.949	+1,239.200	-1,265.685	+.000
04	+.000	+.000	+63.330	+1,227.200	-1,253.429	+.000
05	+.000	+.000	+63.124	+1,223.200	-1,249.343	+.000
06	+.000	+.000	+62.546	+1,212.000	-1,237.904	+.000
07	+.000	+.000	+61.926	+1,200.000	-1,225.647	+.000
08	+.000	+.000	+60.977	+1,181.600	-1,206.854	+.000
09	+.000	+.000	+61.142	+1,184.800	-1,210.123	+.000
10	+.000	+.000	+61.844	+1,198.400	-1,224.013	+.000
11	+.000	+.000	+62.133	+1,204.000	-1,229.733	+.000
12	+.000	+.000	+65.353	+1,266.400	-1,293.467	+.000
13	+.000	+.000	+72.206	+1,399.200	-1,429.105	+.000
14	+.000	+.000	+80.256	+1,555.200	-1,588.439	+.000
15	+.000	+.000	+89.793	+1,740.000	-1,777.189	+.000
16	+.000	+.000	+94.417	+1,829.600	-1,868.704	+.000
17	+.000	+.000	+96.275	+1,865.600	-1,905.473	+.000
18	+.000	+.000	+96.935	+1,878.400	-1,918.547	+.000
19	+.000	+.000	+98.422	+1,907.200	-1,947.962	+.000
20	+.000	+.000	+99.041	+1,919.200	-1,960.219	+.000
21	+.000	+.000	+98.917	+1,916.800	-1,957.768	+.000
22	+.000	+.000	+98.793	+1,914.400	-1,955.316	+.000
23	+.000	+.000	+99.247	+1,923.200	-1,964.304	+.000
24	+.000	+.000	+99.165	+1,921.600	-1,962.670	+.000
25	+.000	+.000	+99.577	+1,929.600	-1,970.841	+.000
26	+.000	+.000	+99.206	+1,922.400	-1,963.487	+.000
27	+.000	+.000	+99.495	+1,928.000	-1,969.207	+.000
28	+.000	+.000	+98.793	+1,914.400	-1,955.316	+.000
29	+.000	+.000	+98.545	+1,909.600	-1,950.414	+.000
30	+.000	+.000	+98.587	+1,910.400	-1,951.231	+.000
31	+.000	+.000	+99.825	+1,934.400	-1,975.744	+.000
32	+.000	+.000	+101.848	+1,973.600	-2,015.782	+.000
33	+.000	+.000	+103.045	+1,996.800	-2,039.477	+.000
34	+.000	+.000	+103.912	+2,013.600	-2,056.636	+.000
35	+.000	+.000	+104.160	+2,018.400	-2,061.539	+.000
36	+.000	+.000	+103.252	+2,000.800	-2,043.563	+.000
37	+.000	+.000	+102.426	+1,984.800	-2,027.221	+.000
38	+.000	+.000	+101.972	+1,976.000	-2,018.233	+.000
39	+.000	+.000	+101.724	+1,971.200	-2,013.330	+.000
40	+.000	+.000	+99.206	+1,922.400	-1,963.487	+.000
41	+.000	+.000	+95.532	+1,851.200	-1,890.765	+.000
42	+.000	+.000	+91.857	+1,780.000	-1,818.044	+.000



43	+.000	+.000	+86.573	+1,677.600	-1,713.455	+.000
44	+.000	+.000	+81.619	+1,581.600	-1,615.403	+.000
45	+.000	+.000	+77.945	+1,510.400	-1,542.682	+.000
46	+.000	+.000	+73.279	+1,420.000	-1,450.349	+.000
47	+.000	+.000	+66.302	+1,284.800	-1,312.260	+.000
48	+.000	+.000	+62.917	+1,219.200	-1,245.258	+.000

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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	+153,428.607
02	+ .000	+151,877.039
03	+ .000	+151,496.582
04	+ .000	+135,143.053
05	+ .000	+130,882.147
06	+ .000	+130,572.816
07	+ .000	+129,449.747
08	+ .000	+139,095.410
09	+ .000	+138,313.839
10	+ .000	+143,220.403
11	+ .000	+167,779.243
12	+ .000	+141,965.608
13	+ .000	+161,387.351
14	+ .000	+133,340.354
15	+ .000	+123,336.057
16	+ .000	+122,919.629
17	+ .000	+109,638.695
18	+ .000	+109,640.971
19	+ .000	+112,680.631
20	+ .000	+104,895.400
21	+ .000	+106,088.748
22	+ .000	+102,058.057
23	+ .000	+98,265.936
24	+ .000	+97,071.262
25	+ .000	+93,482.724
26	+ .000	+96,176.389
27	+ .000	+95,107.070
28	+ .000	+93,942.447
29	+ .000	+99,050.523
30	+ .000	+102,248.500
31	+ .000	+98,980.528
32	+ .000	+117,029.213
33	+ .000	+90,370.683
34	+ .000	+85,906.965
35	+ .000	+89,598.548
36	+ .000	+79,695.539
37	+ .000	+90,447.184
38	+ .000	+81,649.534
39	+ .000	+86,467.341
40	+ .000	+80,813.449
41	+ .000	+89,418.354
42	+ .000	+85,849.019

43	+.000	+89,149.172
44	+.000	+83,507.243
45	+.000	+78,642.568
46	+.000	+96,675.399
47	+.000	+87,515.885
48	+.000	+114,524.681