

Date: 13/12/2019

Settlement Day:05/12/2019

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 249

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+10,803,455.120	+10,803,455.120
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+10,679,590.820	+416,724,041.340
Balancing Services Contract Cost	+911,260.844	+181,351,285.009
Balancing Services Cost Variable	+838,850.860	+111,597,844.955
ESO Incentive Recovery Costs	+0.000	+7,581,967.850
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+30,696,616.382
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+205,193,688.960
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,027,976.580
ESO Incentive Recovery t-1	+80,000.000	+3,440,000.000
ALoMCP Recovery	-81,709.830	-3,513,522.690
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+205,193,688.960
Total External Costs	+12,555,408.785	+748,906,209.426
Total Adjusted Energy Volume (MWh)	+1,603,637.569	

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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	+26,204.610	+230,504.943	+8.79635
02	+26,418.229	+249,135.928	+9.43046
03	+25,901.792	+254,841.256	+9.83875
04	+25,398.975	+247,795.274	+9.75611
05	+25,393.120	+255,304.374	+10.05408
06	+25,314.933	+271,518.412	+10.72562
07	+25,107.298	+281,909.197	+11.22818
08	+24,599.150	+285,364.715	+11.60059
09	+24,947.704	+299,337.654	+11.99861
10	+25,007.787	+287,592.315	+11.50011
11	+25,184.125	+309,913.399	+12.30590
12	+26,306.634	+325,905.716	+12.38873
13	+29,399.771	+323,024.519	+10.98731
14	+32,447.058	+302,841.932	+9.33342
15	+35,799.477	+280,168.311	+7.82604
16	+37,440.690	+303,553.121	+8.10757
17	+37,963.049	+304,780.503	+8.02835
18	+37,832.168	+294,234.420	+7.77736
19	+38,286.674	+313,757.551	+8.19495
20	+38,272.191	+310,357.851	+8.10923
21	+37,756.340	+277,816.858	+7.35815
22	+38,033.047	+253,786.905	+6.67280
23	+38,174.854	+257,954.688	+6.75719
24	+37,870.298	+243,419.341	+6.42771
25	+37,874.978	+231,180.581	+6.10378
26	+37,898.158	+227,915.541	+6.01389
27	+38,098.999	+230,369.556	+6.04660
28	+37,830.716	+237,218.870	+6.27054
29	+38,153.236	+260,947.777	+6.83947
30	+38,210.772	+254,875.399	+6.67025
31	+38,307.505	+314,900.741	+8.22034
32	+39,396.597	+326,878.367	+8.29712
33	+40,572.327	+341,211.925	+8.40997
34	+40,984.791	+357,005.865	+8.71069
35	+40,785.118	+329,684.990	+8.08346
36	+40,510.560	+305,229.394	+7.53456
37	+39,972.321	+313,044.101	+7.83152
38	+39,535.990	+293,738.840	+7.42966
39	+38,591.412	+267,579.638	+6.93366
40	+37,287.461	+256,451.607	+6.87769
41	+35,780.456	+243,749.311	+6.81236
42	+34,253.565	+232,046.065	+6.77436

43	+32,184.881	+255,667.516	+7.94371
44	+30,042.100	+276,165.464	+9.19262
45	+27,980.173	+262,914.746	+9.39647
46	+26,309.503	+257,490.686	+9.78698
47	+24,632.251	+251,969.796	+10.22926
48	+23,383.725	+286,386.646	+12.24726

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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	+0.01634	+198,362.94	+0.00	+192,978.30	+14,890.002	+7,117.280
02	+0.01647	+216,433.73	+0.00	+211,367.35	+15,008.466	+7,117.280
03	+0.01615	+214,812.14	+0.00	+210,566.01	+14,716.863	+14,219.480
04	+0.01584	+208,312.00	+0.00	+204,096.95	+14,434.372	+14,219.480
05	+0.01583	+205,778.74	+0.00	+201,487.20	+14,425.259	+24,356.940
06	+0.01579	+221,933.77	+0.00	+217,775.68	+14,388.809	+24,356.940
07	+0.01566	+223,066.67	+0.00	+218,933.36	+14,270.345	+33,831.980
08	+0.01534	+227,118.37	+0.00	+222,984.41	+13,978.741	+33,831.980
09	+0.01556	+251,267.79	+0.00	+246,912.32	+14,179.219	+23,467.580
10	+0.01559	+239,428.15	+0.00	+235,111.15	+14,206.557	+23,467.580
11	+0.01570	+245,802.03	+0.00	+241,174.48	+14,306.795	+39,520.620
12	+0.01640	+260,623.61	+0.00	+255,864.07	+14,944.678	+39,520.620
13	+0.01833	+238,984.41	+0.00	+234,135.94	+16,703.411	+54,775.750
14	+0.02023	+215,775.93	+0.00	+210,417.38	+18,434.807	+54,775.750
15	+0.02232	+220,473.10	+0.00	+217,968.68	+20,339.342	+20,661.260
16	+0.02335	+243,446.97	+0.00	+239,436.62	+21,277.941	+20,661.260
17	+0.02367	+244,109.64	+0.00	+243,073.77	+21,569.544	+17,655.960
18	+0.02359	+233,711.90	+0.00	+232,676.57	+21,496.643	+17,655.960
19	+0.02387	+232,083.81	+0.00	+231,277.07	+21,751.796	+38,057.500
20	+0.02387	+228,928.04	+0.00	+227,877.37	+21,751.796	+38,057.500
21	+0.02354	+215,124.83	+0.00	+214,255.90	+21,451.080	+19,752.120
22	+0.02372	+190,777.02	+0.00	+189,890.96	+21,615.107	+19,752.120
23	+0.02381	+201,517.72	+0.00	+200,619.40	+21,697.121	+13,023.970
24	+0.02362	+187,271.55	+0.00	+186,437.65	+21,523.981	+13,023.970
25	+0.02362	+169,589.12	+0.00	+168,799.39	+21,523.981	+18,423.470
26	+0.02363	+166,931.72	+0.00	+165,515.74	+21,533.094	+18,423.470
27	+0.02376	+175,180.18	+0.00	+174,747.17	+21,651.558	+11,404.120
28	+0.02359	+182,477.80	+0.00	+181,912.86	+21,496.643	+11,404.120
29	+0.02379	+200,655.34	+0.00	+200,220.62	+21,678.895	+16,453.060
30	+0.02383	+195,778.17	+0.00	+194,073.80	+21,715.346	+16,453.060
31	+0.02389	+249,970.23	+0.00	+247,732.86	+21,770.022	+22,707.680
32	+0.02457	+259,135.50	+0.00	+258,444.98	+22,389.679	+22,707.680
33	+0.02530	+289,373.22	+0.00	+287,827.54	+23,054.899	+6,300.120
34	+0.02556	+304,497.01	+0.00	+303,137.61	+23,291.827	+6,300.120
35	+0.02543	+277,723.70	+0.00	+276,058.67	+23,173.363	+6,300.120
36	+0.02526	+253,062.47	+0.00	+251,919.45	+23,018.449	+6,300.120
37	+0.02493	+261,408.00	+0.00	+260,348.30	+22,717.733	+6,300.120
38	+0.02465	+242,207.65	+0.00	+241,564.13	+22,462.580	+6,300.120
39	+0.02406	+217,070.38	+0.00	+216,502.94	+21,924.936	+6,300.120
40	+0.02325	+207,241.92	+0.00	+206,882.35	+21,186.815	+6,300.120
41	+0.02231	+196,714.52	+0.00	+195,929.43	+20,330.229	+6,300.120
42	+0.02136	+192,338.32	+0.00	+191,426.61	+19,464.532	+867.680

43	+0.02007	+218,838.77	+ .00	+217,448.80	+18,289.005	+867.680
44	+0.01873	+243,176.03	+ .00	+240,440.54	+17,067.916	+867.680
45	+0.01745	+235,305.96	+ .00	+227,905.45	+15,901.502	+2,534.180
46	+0.01641	+231,820.49	+ .00	+224,416.87	+14,953.790	+2,534.180
47	+0.01536	+217,171.29	+ .00	+211,573.83	+13,996.967	+11,810.420
48	+0.01458	+250,642.47	+ .00	+247,442.29	+13,286.183	+11,810.420

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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	+2,014.521	+0.000	+13,465.321
02	+0.000	+0.000	+0.000	+2,030.548	+0.000	+13,572.450
03	+0.000	+0.000	+0.000	+1,991.096	+0.000	+13,308.747
04	+0.000	+0.000	+0.000	+1,952.877	+0.000	+13,053.285
05	+0.000	+0.000	+0.000	+1,951.644	+0.000	+13,045.045
06	+0.000	+0.000	+0.000	+1,946.712	+0.000	+13,012.082
07	+0.000	+0.000	+0.000	+1,930.685	+0.000	+12,904.952
08	+0.000	+0.000	+0.000	+1,891.233	+0.000	+12,641.250
09	+0.000	+0.000	+0.000	+1,918.356	+0.000	+12,822.545
10	+0.000	+0.000	+0.000	+1,922.055	+0.000	+12,847.268
11	+0.000	+0.000	+0.000	+1,935.616	+0.000	+12,937.915
12	+0.000	+0.000	+0.000	+2,021.918	+0.000	+13,514.765
13	+0.000	+0.000	+0.000	+2,259.863	+0.000	+15,105.222
14	+0.000	+0.000	+0.000	+2,494.110	+0.000	+16,670.957
15	+0.000	+0.000	+0.000	+2,751.781	+0.000	+18,393.266
16	+0.000	+0.000	+0.000	+2,878.767	+0.000	+19,242.059
17	+0.000	+0.000	+0.000	+2,918.219	+0.000	+19,505.762
18	+0.000	+0.000	+0.000	+2,908.356	+0.000	+19,439.836
19	+0.000	+0.000	+0.000	+2,942.877	+0.000	+19,670.576
20	+0.000	+0.000	+0.000	+2,942.877	+0.000	+19,670.576
21	+0.000	+0.000	+0.000	+2,902.192	+0.000	+19,398.632
22	+0.000	+0.000	+0.000	+2,924.384	+0.000	+19,546.965
23	+0.000	+0.000	+0.000	+2,935.479	+0.000	+19,621.131
24	+0.000	+0.000	+0.000	+2,912.055	+0.000	+19,464.558
25	+0.000	+0.000	+0.000	+2,912.055	+0.000	+19,464.558
26	+0.000	+0.000	+0.000	+2,913.288	+0.000	+19,472.799
27	+0.000	+0.000	+0.000	+2,929.315	+0.000	+19,579.928
28	+0.000	+0.000	+0.000	+2,908.356	+0.000	+19,439.836
29	+0.000	+0.000	+0.000	+2,933.014	+0.000	+19,604.650
30	+0.000	+0.000	+0.000	+2,937.945	+0.000	+19,637.613
31	+0.000	+0.000	+0.000	+2,945.342	+0.000	+19,687.057
32	+0.000	+0.000	+0.000	+3,029.178	+0.000	+20,247.425
33	+0.000	+0.000	+0.000	+3,119.178	+0.000	+20,848.997
34	+0.000	+0.000	+0.000	+3,151.233	+0.000	+21,063.256
35	+0.000	+0.000	+0.000	+3,135.205	+0.000	+20,956.127
36	+0.000	+0.000	+0.000	+3,114.247	+0.000	+20,816.034
37	+0.000	+0.000	+0.000	+3,073.562	+0.000	+20,544.091
38	+0.000	+0.000	+0.000	+3,039.041	+0.000	+20,313.351
39	+0.000	+0.000	+0.000	+2,966.301	+0.000	+19,827.149
40	+0.000	+0.000	+0.000	+2,866.438	+0.000	+19,159.652
41	+0.000	+0.000	+0.000	+2,750.548	+0.000	+18,385.025
42	+0.000	+0.000	+0.000	+2,633.425	+0.000	+17,602.157

43	+.000	+.000	+.000	+2,474.384	+.000	+16,539.106
44	+.000	+.000	+.000	+2,309.178	+.000	+15,434.851
45	+.000	+.000	+.000	+2,151.370	+.000	+14,380.040
46	+.000	+.000	+.000	+2,023.151	+.000	+13,523.006
47	+.000	+.000	+.000	+1,893.699	+.000	+12,657.731
48	+.000	+.000	+.000	+1,797.534	+.000	+12,014.956

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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	+67.458	+1,307.200	-1,335.139	+.000
02	+.000	+.000	+67.995	+1,317.600	-1,345.761	+.000
03	+.000	+.000	+66.674	+1,292.000	-1,319.614	+.000
04	+.000	+.000	+65.394	+1,267.200	-1,294.284	+.000
05	+.000	+.000	+65.353	+1,266.400	-1,293.467	+.000
06	+.000	+.000	+65.188	+1,263.200	-1,290.198	+.000
07	+.000	+.000	+64.651	+1,252.800	-1,279.576	+.000
08	+.000	+.000	+63.330	+1,227.200	-1,253.429	+.000
09	+.000	+.000	+64.238	+1,244.800	-1,271.405	+.000
10	+.000	+.000	+64.362	+1,247.200	-1,273.856	+.000
11	+.000	+.000	+64.816	+1,256.000	-1,282.844	+.000
12	+.000	+.000	+67.706	+1,312.000	-1,340.041	+.000
13	+.000	+.000	+75.674	+1,466.400	-1,497.741	+.000
14	+.000	+.000	+83.518	+1,618.400	-1,652.990	+.000
15	+.000	+.000	+92.146	+1,785.600	-1,823.763	+.000
16	+.000	+.000	+96.399	+1,868.000	-1,907.925	+.000
17	+.000	+.000	+97.720	+1,893.600	-1,934.072	+.000
18	+.000	+.000	+97.389	+1,887.200	-1,927.535	+.000
19	+.000	+.000	+98.545	+1,909.600	-1,950.414	+.000
20	+.000	+.000	+98.545	+1,909.600	-1,950.414	+.000
21	+.000	+.000	+97.183	+1,883.200	-1,923.449	+.000
22	+.000	+.000	+97.926	+1,897.600	-1,938.157	+.000
23	+.000	+.000	+98.298	+1,904.800	-1,945.511	+.000
24	+.000	+.000	+97.513	+1,889.600	-1,929.986	+.000
25	+.000	+.000	+97.513	+1,889.600	-1,929.986	+.000
26	+.000	+.000	+97.555	+1,890.400	-1,930.803	+.000
27	+.000	+.000	+98.091	+1,900.800	-1,941.426	+.000
28	+.000	+.000	+97.389	+1,887.200	-1,927.535	+.000
29	+.000	+.000	+98.215	+1,903.200	-1,943.877	+.000
30	+.000	+.000	+98.380	+1,906.400	-1,947.145	+.000
31	+.000	+.000	+98.628	+1,911.200	-1,952.048	+.000
32	+.000	+.000	+101.435	+1,965.600	-2,007.611	+.000
33	+.000	+.000	+104.449	+2,024.000	-2,067.259	+.000
34	+.000	+.000	+105.522	+2,044.800	-2,088.503	+.000
35	+.000	+.000	+104.986	+2,034.400	-2,077.881	+.000
36	+.000	+.000	+104.284	+2,020.800	-2,063.990	+.000
37	+.000	+.000	+102.922	+1,994.400	-2,037.026	+.000
38	+.000	+.000	+101.766	+1,972.000	-2,014.147	+.000
39	+.000	+.000	+99.330	+1,924.800	-1,965.939	+.000
40	+.000	+.000	+95.986	+1,860.000	-1,899.754	+.000
41	+.000	+.000	+92.105	+1,784.800	-1,822.946	+.000
42	+.000	+.000	+88.183	+1,708.800	-1,745.322	+.000



43	+.000	+.000	+82.857	+1,605.600	-1,639.916	+.000
44	+.000	+.000	+77.325	+1,498.400	-1,530.425	+.000
45	+.000	+.000	+72.041	+1,396.000	-1,425.837	+.000
46	+.000	+.000	+67.747	+1,312.800	-1,340.858	+.000
47	+.000	+.000	+63.413	+1,228.800	-1,255.063	+.000
48	+.000	+.000	+60.192	+1,166.400	-1,191.329	+.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	+230,504.943
02	+ .000	+249,135.928
03	+ .000	+254,841.256
04	+ .000	+247,795.274
05	+ .000	+255,304.374
06	+ .000	+271,518.412
07	+ .000	+281,909.197
08	+ .000	+285,364.715
09	+ .000	+299,337.654
10	+ .000	+287,592.315
11	+ .000	+309,913.399
12	+ .000	+325,905.716
13	+ .000	+323,024.519
14	+ .000	+302,841.932
15	+ .000	+280,168.311
16	+ .000	+303,553.121
17	+ .000	+304,780.503
18	+ .000	+294,234.420
19	+ .000	+313,757.551
20	+ .000	+310,357.851
21	+ .000	+277,816.858
22	+ .000	+253,786.905
23	+ .000	+257,954.688
24	+ .000	+243,419.341
25	+ .000	+231,180.581
26	+ .000	+227,915.541
27	+ .000	+230,369.556
28	+ .000	+237,218.870
29	+ .000	+260,947.777
30	+ .000	+254,875.399
31	+ .000	+314,900.741
32	+ .000	+326,878.367
33	+ .000	+341,211.925
34	+ .000	+357,005.865
35	+ .000	+329,684.990
36	+ .000	+305,229.394
37	+ .000	+313,044.101
38	+ .000	+293,738.840
39	+ .000	+267,579.638
40	+ .000	+256,451.607
41	+ .000	+243,749.311
42	+ .000	+232,046.065

43	+.000	+255,667.516
44	+.000	+276,165.464
45	+.000	+262,914.746
46	+.000	+257,490.686
47	+.000	+251,969.796
48	+.000	+286,386.646