

Date: 31/01/2020

Settlement Day:23/01/2020

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: 298

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+271,438.050	+180,412,046.800
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+263,499.950	+583,771,535.030
Balancing Services Contract Cost	+953,133.382	+222,653,162.728
Balancing Services Cost Variable	+604,456.140	+125,536,820.075
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	+36,737,712.261
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+245,573,169.920
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,230,269.160
ESO Incentive Recovery t-1	+0.000	+3,920,000.000
ALoMCP Recovery	-81,709.830	-7,517,304.360
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+245,573,169.920
Total External Costs	+1,866,795.733	+973,914,162.744
Total Adjusted Energy Volume (MWh)	+1,700,884.103	

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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	+29,011.398	+56,418.416	+1.94470
02	+29,090.857	+54,329.593	+1.86758
03	+29,386.102	+46,980.767	+1.59874
04	+28,811.313	+34,743.997	+1.20592
05	+28,426.338	+29,026.378	+1.02111
06	+28,087.013	+30,939.555	+1.10156
07	+27,810.712	+36,223.220	+1.30249
08	+27,373.131	+38,009.703	+1.38858
09	+27,539.287	+39,981.234	+1.45179
10	+27,581.649	+39,597.221	+1.43564
11	+27,648.713	+53,169.008	+1.92302
12	+28,661.860	+54,223.075	+1.89182
13	+31,224.751	+77,113.610	+2.46963
14	+33,900.209	+83,682.910	+2.46851
15	+36,535.489	+90,206.501	+2.46901
16	+38,083.524	+98,468.420	+2.58559
17	+39,015.480	+68,442.891	+1.75425
18	+38,960.178	+55,212.754	+1.41716
19	+39,671.028	+67,908.347	+1.71179
20	+39,818.141	+66,328.399	+1.66578
21	+39,929.797	+67,580.843	+1.69249
22	+39,661.429	+68,579.967	+1.72914
23	+39,527.589	+67,073.024	+1.69687
24	+39,359.221	+60,169.173	+1.52872
25	+39,686.176	+69,594.646	+1.75362
26	+39,635.563	+61,991.359	+1.56403
27	+39,793.334	+54,543.480	+1.37067
28	+39,648.857	+50,767.878	+1.28044
29	+39,793.529	+56,917.810	+1.43033
30	+39,579.493	+50,713.482	+1.28131
31	+39,803.632	+56,504.910	+1.41959
32	+40,400.960	+73,195.699	+1.81173
33	+40,644.846	+73,219.875	+1.80146
34	+41,230.426	+69,795.545	+1.69282
35	+40,890.625	+53,558.543	+1.30980
36	+40,749.053	+50,744.580	+1.24529
37	+40,726.924	+50,960.262	+1.25127
38	+40,778.547	+60,485.209	+1.48326
39	+40,293.250	+70,856.734	+1.75853
40	+39,238.461	+66,955.049	+1.70636
41	+38,006.763	+50,096.804	+1.31810
42	+37,019.619	+42,723.496	+1.15408

43	+35,907.565	+59,122.115	+1.64651
44	+33,897.861	+49,195.610	+1.45129
45	+31,817.176	+40,426.889	+1.27060
46	+30,069.768	+30,051.011	+0.99938
47	+28,600.329	+36,814.989	+1.28722
48	+27,556.137	+27,221.793	+0.98787

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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	+0.01706	+8,156.84	+0.00	+8,083.88	+16,260.455	+17,235.680
02	+0.01710	+6,007.75	+0.00	+5,922.14	+16,298.581	+17,235.680
03	+0.01728	+9,253.90	+0.00	+9,212.37	+16,470.145	+6,268.500
04	+0.01694	-2,243.90	+0.00	-2,404.61	+16,146.079	+6,268.500
05	+0.01671	-6,272.55	+0.00	-6,355.51	+15,926.859	+4,921.050
06	+0.01651	-4,002.51	+0.00	-4,077.75	+15,736.232	+4,921.050
07	+0.01635	-9,783.46	+0.00	-9,817.82	+15,583.731	+16,236.450
08	+0.01609	-7,512.62	+0.00	-7,557.38	+15,335.916	+16,236.450
09	+0.01619	-7,672.87	+0.00	-7,687.49	+15,431.229	+18,155.800
10	+0.01622	-8,118.38	+0.00	-8,126.19	+15,459.823	+18,155.800
11	+0.01626	-22,934.04	+0.00	-22,959.02	+15,497.949	+46,487.500
12	+0.01685	-22,943.44	+0.00	-22,980.47	+16,060.297	+46,487.500
13	+0.01836	-19,313.10	+0.00	-19,382.09	+17,499.529	+63,027.060
14	+0.01993	-15,429.49	+0.00	-15,674.76	+18,995.948	+63,027.060
15	+0.02148	-20,045.35	+0.00	-20,124.68	+20,473.305	+71,175.060
16	+0.02239	-13,267.77	+0.00	-13,521.61	+21,340.656	+71,175.060
17	+0.02294	+21,833.72	+0.00	+21,885.26	+21,864.880	+5,240.060
18	+0.02291	+8,769.68	+0.00	+8,209.81	+21,836.286	+5,240.060
19	+0.02332	+20,760.07	+0.00	+20,158.01	+22,227.070	+5,240.060
20	+0.02341	+18,851.05	+0.00	+18,414.00	+22,312.852	+5,240.060
21	+0.02348	+19,869.89	+0.00	+19,538.84	+22,379.572	+5,240.060
22	+0.02332	+20,880.39	+0.00	+20,829.63	+22,227.070	+5,240.060
23	+0.02324	+19,689.28	+0.00	+19,468.52	+22,150.820	+5,240.060
24	+0.02314	+12,867.28	+0.00	+12,746.96	+22,055.506	+5,240.060
25	+0.02333	+22,037.13	+0.00	+21,826.08	+22,236.602	+5,240.060
26	+0.02330	+14,542.55	+0.00	+14,277.48	+22,208.008	+5,240.060
27	+0.02340	+12,001.48	+0.00	+11,887.37	+22,303.321	+0.000
28	+0.02331	+8,439.52	+0.00	+8,275.83	+22,217.539	+0.000
29	+0.02340	+14,340.06	+0.00	+14,261.70	+22,303.321	+0.000
30	+0.02327	+8,449.96	+0.00	+8,294.35	+22,179.414	+0.000
31	+0.02340	+13,918.30	+0.00	+13,848.80	+22,303.321	+0.000
32	+0.02375	+30,039.04	+0.00	+29,901.57	+22,636.918	+0.000
33	+0.02390	+24,733.77	+0.00	+24,412.25	+22,779.888	+5,240.060
34	+0.02424	+20,535.63	+0.00	+20,368.13	+23,103.953	+5,240.060
35	+0.02404	+4,894.67	+0.00	+4,495.71	+22,913.327	+5,240.060
36	+0.02396	+1,863.73	+0.00	+1,827.58	+22,837.076	+5,240.060
37	+0.02394	+2,152.84	+0.00	+2,079.72	+22,818.013	+5,240.060
38	+0.02397	+11,722.52	+0.00	+11,549.98	+22,846.607	+5,240.060
39	+0.02369	+22,534.07	+0.00	+22,431.92	+22,579.730	+5,240.060
40	+0.02307	+20,051.72	+0.00	+19,660.44	+21,988.787	+5,240.060
41	+0.02235	+4,625.59	+0.00	+4,114.69	+21,302.531	+5,240.060
42	+0.02176	+3,057.13	+0.00	+3,056.96	+20,740.182	+0.000

43	+0.02111	+20,798.63	+.00	+20,640.47	+20,120.646	+.000
44	+0.01993	+12,992.07	+.00	+12,865.00	+18,995.948	+.000
45	+0.01871	+6,341.61	+.00	+6,320.23	+17,833.126	+.000
46	+0.01768	-2,126.26	+.00	-2,178.05	+16,851.398	+.000
47	+0.01681	-2,667.17	+.00	-2,768.54	+16,022.172	+8,940.400
48	+0.01620	-11,240.91	+.00	-11,249.76	+15,440.761	+8,940.400

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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	+2,103.288	+0.000	+14,058.652
02	+0.000	+0.000	+0.000	+2,108.219	+0.000	+14,091.615
03	+0.000	+0.000	+0.000	+2,130.411	+0.000	+14,239.948
04	+0.000	+0.000	+0.000	+2,088.493	+0.000	+13,959.763
05	+0.000	+0.000	+0.000	+2,060.137	+0.000	+13,770.227
06	+0.000	+0.000	+0.000	+2,035.479	+0.000	+13,605.413
07	+0.000	+0.000	+0.000	+2,015.753	+0.000	+13,473.562
08	+0.000	+0.000	+0.000	+1,983.699	+0.000	+13,259.303
09	+0.000	+0.000	+0.000	+1,996.027	+0.000	+13,341.710
10	+0.000	+0.000	+0.000	+1,999.726	+0.000	+13,366.432
11	+0.000	+0.000	+0.000	+2,004.658	+0.000	+13,399.395
12	+0.000	+0.000	+0.000	+2,077.397	+0.000	+13,885.597
13	+0.000	+0.000	+0.000	+2,263.562	+0.000	+15,129.944
14	+0.000	+0.000	+0.000	+2,457.123	+0.000	+16,423.736
15	+0.000	+0.000	+0.000	+2,648.219	+0.000	+17,701.046
16	+0.000	+0.000	+0.000	+2,760.411	+0.000	+18,450.951
17	+0.000	+0.000	+0.000	+2,828.219	+0.000	+18,904.190
18	+0.000	+0.000	+0.000	+2,824.521	+0.000	+18,879.468
19	+0.000	+0.000	+0.000	+2,875.068	+0.000	+19,217.337
20	+0.000	+0.000	+0.000	+2,886.164	+0.000	+19,291.503
21	+0.000	+0.000	+0.000	+2,894.795	+0.000	+19,349.188
22	+0.000	+0.000	+0.000	+2,875.068	+0.000	+19,217.337
23	+0.000	+0.000	+0.000	+2,865.205	+0.000	+19,151.411
24	+0.000	+0.000	+0.000	+2,852.877	+0.000	+19,069.004
25	+0.000	+0.000	+0.000	+2,876.301	+0.000	+19,225.577
26	+0.000	+0.000	+0.000	+2,872.603	+0.000	+19,200.855
27	+0.000	+0.000	+0.000	+2,884.932	+0.000	+19,283.262
28	+0.000	+0.000	+0.000	+2,873.836	+0.000	+19,209.096
29	+0.000	+0.000	+0.000	+2,884.932	+0.000	+19,283.262
30	+0.000	+0.000	+0.000	+2,868.904	+0.000	+19,176.133
31	+0.000	+0.000	+0.000	+2,884.932	+0.000	+19,283.262
32	+0.000	+0.000	+0.000	+2,928.082	+0.000	+19,571.687
33	+0.000	+0.000	+0.000	+2,946.575	+0.000	+19,695.298
34	+0.000	+0.000	+0.000	+2,988.493	+0.000	+19,975.482
35	+0.000	+0.000	+0.000	+2,963.836	+0.000	+19,810.668
36	+0.000	+0.000	+0.000	+2,953.973	+0.000	+19,744.742
37	+0.000	+0.000	+0.000	+2,951.507	+0.000	+19,728.261
38	+0.000	+0.000	+0.000	+2,955.205	+0.000	+19,752.983
39	+0.000	+0.000	+0.000	+2,920.685	+0.000	+19,522.243
40	+0.000	+0.000	+0.000	+2,844.247	+0.000	+19,011.319
41	+0.000	+0.000	+0.000	+2,755.479	+0.000	+18,417.988
42	+0.000	+0.000	+0.000	+2,682.740	+0.000	+17,931.786

43	+.000	+.000	+.000	+2,602.603	+.000	+17,396.140
44	+.000	+.000	+.000	+2,457.123	+.000	+16,423.736
45	+.000	+.000	+.000	+2,306.712	+.000	+15,418.369
46	+.000	+.000	+.000	+2,179.726	+.000	+14,569.576
47	+.000	+.000	+.000	+2,072.466	+.000	+13,852.634
48	+.000	+.000	+.000	+1,997.260	+.000	+13,349.951

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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	+70.431	+.000	-1,393.970	+.000
02	+.000	+.000	+70.596	+.000	-1,397.238	+.000
03	+.000	+.000	+71.339	+.000	-1,411.946	+.000
04	+.000	+.000	+69.935	+.000	-1,384.165	+.000
05	+.000	+.000	+68.986	+.000	-1,365.371	+.000
06	+.000	+.000	+68.160	+.000	-1,349.029	+.000
07	+.000	+.000	+67.500	+.000	-1,335.956	+.000
08	+.000	+.000	+66.426	+.000	-1,314.711	+.000
09	+.000	+.000	+66.839	+.000	-1,322.882	+.000
10	+.000	+.000	+66.963	+.000	-1,325.333	+.000
11	+.000	+.000	+67.128	+.000	-1,328.602	+.000
12	+.000	+.000	+69.564	+.000	-1,376.811	+.000
13	+.000	+.000	+75.798	+.000	-1,500.192	+.000
14	+.000	+.000	+82.279	+.000	-1,628.477	+.000
15	+.000	+.000	+88.678	+.000	-1,755.127	+.000
16	+.000	+.000	+92.435	+.000	-1,829.483	+.000
17	+.000	+.000	+94.706	+.000	-1,874.424	+.000
18	+.000	+.000	+94.582	+.000	-1,871.972	+.000
19	+.000	+.000	+96.275	+.000	-1,905.473	+.000
20	+.000	+.000	+96.646	+.000	-1,912.827	+.000
21	+.000	+.000	+96.935	+.000	-1,918.547	+.000
22	+.000	+.000	+96.275	+.000	-1,905.473	+.000
23	+.000	+.000	+95.944	+.000	-1,898.936	+.000
24	+.000	+.000	+95.532	+.000	-1,890.765	+.000
25	+.000	+.000	+96.316	+.000	-1,906.290	+.000
26	+.000	+.000	+96.192	+.000	-1,903.839	+.000
27	+.000	+.000	+96.605	+.000	-1,912.010	+.000
28	+.000	+.000	+96.233	+.000	-1,904.656	+.000
29	+.000	+.000	+96.605	+.000	-1,912.010	+.000
30	+.000	+.000	+96.068	+.000	-1,901.388	+.000
31	+.000	+.000	+96.605	+.000	-1,912.010	+.000
32	+.000	+.000	+98.050	+.000	-1,940.608	+.000
33	+.000	+.000	+98.669	+.000	-1,952.865	+.000
34	+.000	+.000	+100.073	+.000	-1,980.646	+.000
35	+.000	+.000	+99.247	+.000	-1,964.304	+.000
36	+.000	+.000	+98.917	+.000	-1,957.768	+.000
37	+.000	+.000	+98.834	+.000	-1,956.133	+.000
38	+.000	+.000	+98.958	+.000	-1,958.585	+.000
39	+.000	+.000	+97.802	+.000	-1,935.706	+.000
40	+.000	+.000	+95.243	+.000	-1,885.046	+.000
41	+.000	+.000	+92.270	+.000	-1,826.215	+.000
42	+.000	+.000	+89.834	+.000	-1,778.006	+.000



43	+.000	+.000	+87.151	+.000	-1,724.895	+.000
44	+.000	+.000	+82.279	+.000	-1,628.477	+.000
45	+.000	+.000	+77.243	+.000	-1,528.791	+.000
46	+.000	+.000	+72.990	+.000	-1,444.630	+.000
47	+.000	+.000	+69.399	+.000	-1,373.542	+.000
48	+.000	+.000	+66.880	+.000	-1,323.699	+.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	+56,418.416
02	+ .000	+54,329.593
03	+ .000	+46,980.767
04	+ .000	+34,743.997
05	+ .000	+29,026.378
06	+ .000	+30,939.555
07	+ .000	+36,223.220
08	+ .000	+38,009.703
09	+ .000	+39,981.234
10	+ .000	+39,597.221
11	+ .000	+53,169.008
12	+ .000	+54,223.075
13	+ .000	+77,113.610
14	+ .000	+83,682.910
15	+ .000	+90,206.501
16	+ .000	+98,468.420
17	+ .000	+68,442.891
18	+ .000	+55,212.754
19	+ .000	+67,908.347
20	+ .000	+66,328.399
21	+ .000	+67,580.843
22	+ .000	+68,579.967
23	+ .000	+67,073.024
24	+ .000	+60,169.173
25	+ .000	+69,594.646
26	+ .000	+61,991.359
27	+ .000	+54,543.480
28	+ .000	+50,767.878
29	+ .000	+56,917.810
30	+ .000	+50,713.482
31	+ .000	+56,504.910
32	+ .000	+73,195.699
33	+ .000	+73,219.875
34	+ .000	+69,795.545
35	+ .000	+53,558.543
36	+ .000	+50,744.580
37	+ .000	+50,960.262
38	+ .000	+60,485.209
39	+ .000	+70,856.734
40	+ .000	+66,955.049
41	+ .000	+50,096.804
42	+ .000	+42,723.496

43	+.000	+59,122.115
44	+.000	+49,195.610
45	+.000	+40,426.889
46	+.000	+30,051.011
47	+.000	+36,814.989
48	+.000	+27,221.793