

Date: 04/12/2020

Settlement Day:16/10/2019

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 199

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,885,582.000	+326,719,442.640
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,866,872.670	+322,494,506.310
Balancing Services Contract Cost	+803,292.053	+181,817,819.672
Balancing Services Cost Variable	+130,987.830	+80,556,486.360
ESO Incentive Recovery Costs	-21,485.790	+5,799,909.020
Black Start Capital Costs	+0.000	+33,683.220
Black Start Testing Costs	+980.484	+188,914.566
Black Start Availability Costs	+117,152.319	+22,924,479.841
Black Start Other Costs	+2,252.097	+36,033.552
System Operator Internal Costs	+824,071.040	+163,990,136.960
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,255,276.080
EMR Incentive Revenue	+0.000	+0.000
ESO Incentive Recovery t-1	+0.000	+0.000
ALoMCP Recovery	+0.000	+0.000
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+163,990,136.960
Total External Costs	+2,906,359.583	+615,107,108.621
Total Adjusted Energy Volume (MWh)	+1,345,304.317	

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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	+20,351.020	+83,386.356	+4.09740
02	+20,351.151	+84,556.706	+4.15489
03	+20,749.830	+85,939.591	+4.14170
04	+20,998.219	+88,164.600	+4.19867
05	+20,878.316	+101,570.258	+4.86487
06	+20,477.172	+96,283.847	+4.70201
07	+20,459.631	+91,997.142	+4.49652
08	+20,389.588	+91,443.543	+4.48482
09	+20,392.820	+96,809.183	+4.74722
10	+20,510.925	+95,791.444	+4.67026
11	+21,036.831	+78,718.147	+3.74192
12	+21,751.662	+74,271.179	+3.41451
13	+24,013.523	+75,207.757	+3.13189
14	+27,033.848	+68,955.644	+2.55072
15	+30,478.205	+72,600.789	+2.38206
16	+31,810.880	+75,814.743	+2.38330
17	+31,869.782	+82,582.366	+2.59124
18	+32,011.062	+74,096.333	+2.31471
19	+32,136.997	+79,026.960	+2.45906
20	+31,922.322	+76,486.659	+2.39602
21	+31,476.004	+71,575.371	+2.27397
22	+30,950.206	+69,098.489	+2.23257
23	+30,830.627	+86,382.037	+2.80183
24	+30,584.115	+82,092.429	+2.68415
25	+30,519.358	+81,279.886	+2.66322
26	+29,882.175	+72,656.182	+2.43142
27	+29,490.293	+61,386.067	+2.08157
28	+29,070.896	+59,392.620	+2.04303
29	+28,865.068	+57,705.095	+1.99913
30	+28,590.342	+46,876.255	+1.63958
31	+29,255.764	+47,936.920	+1.63855
32	+30,080.360	+63,009.328	+2.09470
33	+30,822.434	+84,978.502	+2.75703
34	+31,765.825	+89,999.761	+2.83323
35	+32,933.209	+95,635.817	+2.90393
36	+33,716.124	+95,191.307	+2.82332
37	+34,756.731	+105,006.192	+3.02118
38	+35,780.840	+104,056.255	+2.90816
39	+35,127.746	+83,855.896	+2.38717
40	+34,364.198	+74,365.781	+2.16405
41	+33,502.781	+77,519.426	+2.31382
42	+32,539.388	+56,811.791	+1.74594

43	+31,231.653	+64,869.938	+2.07706
44	+29,421.599	+62,737.619	+2.13237
45	+27,984.655	+75,901.619	+2.71226
46	+26,058.960	+57,713.573	+2.21473
47	+23,628.948	+54,388.501	+2.30177
48	+22,450.234	+74,356.695	+3.31207

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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	+0.01513	+63,589.18	+0.00	+63,113.20	+12,153.809	-5,940.630
02	+0.01513	+64,763.63	+0.00	+64,283.55	+12,153.809	-5,940.630
03	+0.01542	+64,029.79	+0.00	+63,623.34	+12,386.763	-4,399.980
04	+0.01561	+65,979.39	+0.00	+65,519.16	+12,539.389	-4,399.980
05	+0.01552	+79,118.48	+0.00	+78,553.67	+12,467.093	-3,872.900
06	+0.01522	+74,639.26	+0.00	+73,787.03	+12,226.105	-3,872.900
07	+0.01521	+69,473.96	+0.00	+68,963.45	+12,218.072	-3,318.700
08	+0.01516	+68,857.47	+0.00	+68,496.48	+12,177.908	-3,318.700
09	+0.01516	+71,155.42	+0.00	+70,654.87	+12,177.908	-111.450
10	+0.01525	+70,829.99	+0.00	+69,481.20	+12,250.204	-111.450
11	+0.01564	+47,902.82	+0.00	+46,879.00	+12,563.488	+4,741.750
12	+0.01617	+42,108.92	+0.00	+41,513.77	+12,989.232	+4,741.750
13	+0.01785	+39,797.48	+0.00	+39,547.08	+14,338.763	+4,734.300
14	+0.02009	+29,503.08	+0.00	+29,414.01	+16,138.137	+4,734.300
15	+0.02266	+28,288.58	+0.00	+28,125.20	+18,202.598	+5,215.550
16	+0.02365	+29,820.02	+0.00	+29,623.91	+18,997.857	+5,215.550
17	+0.02369	+36,502.30	+0.00	+36,322.23	+19,029.989	+5,215.550
18	+0.02379	+27,706.42	+0.00	+27,662.94	+19,110.318	+5,215.550
19	+0.02389	+32,548.15	+0.00	+32,420.31	+19,190.647	+5,215.550
20	+0.02373	+30,202.40	+0.00	+30,157.22	+19,062.120	+5,215.550
21	+0.02340	+25,884.69	+0.00	+25,817.68	+18,797.034	+5,215.550
22	+0.02301	+24,088.14	+0.00	+24,016.50	+18,483.750	+5,215.550
23	+0.02292	+41,655.26	+0.00	+41,455.98	+18,411.454	+5,215.550
24	+0.02273	+37,542.17	+0.00	+37,495.56	+18,258.828	+5,215.550
25	+0.02269	+36,953.64	+0.00	+36,752.32	+18,226.697	+5,215.550
26	+0.02221	+29,161.07	+0.00	+28,960.25	+17,841.116	+5,215.550
27	+0.02192	+23,508.26	+0.00	+23,408.13	+17,608.162	+0.000
28	+0.02161	+21,955.59	+0.00	+21,951.78	+17,359.141	+0.000
29	+0.02146	+20,629.45	+0.00	+20,524.14	+17,238.647	+0.000
30	+0.02125	+10,963.77	+0.00	+10,059.14	+17,069.956	+0.000
31	+0.02175	+11,023.22	+0.00	+10,253.52	+17,471.602	+0.000
32	+0.02236	+25,176.41	+0.00	+24,269.06	+17,961.610	+0.000
33	+0.02291	+29,984.48	+0.00	+29,797.82	+18,403.421	+15,487.500
34	+0.02361	+33,905.57	+0.00	+33,606.28	+18,965.725	+15,487.500
35	+0.02448	+48,583.78	+0.00	+48,006.95	+19,664.589	+5,215.550
36	+0.02506	+46,800.23	+0.00	+46,557.55	+20,130.499	+5,215.550
37	+0.02584	+55,459.53	+0.00	+55,021.03	+20,757.067	+5,215.550
38	+0.02660	+52,951.34	+0.00	+52,754.34	+21,367.569	+5,215.550
39	+0.02611	+33,722.58	+0.00	+33,402.94	+20,973.956	+5,215.550
40	+0.02554	+25,386.71	+0.00	+24,900.39	+20,516.079	+5,215.550
41	+0.02490	+29,683.31	+0.00	+29,162.88	+20,001.972	+5,215.550
42	+0.02419	+15,103.67	+0.00	+14,900.92	+19,431.635	+0.000

43	+0.02322	+25,546.97	+ .00	+24,639.66	+18,652.441	+ .000
44	+0.02187	+25,229.63	+ .00	+24,846.31	+17,567.997	+ .000
45	+0.02080	+39,860.53	+ .00	+39,411.81	+16,708.475	+452.350
46	+0.01937	+24,274.09	+ .00	+23,701.34	+15,559.767	+452.350
47	+0.01756	+15,872.83	+ .00	+15,790.62	+14,105.808	+8,173.950
48	+0.01669	+37,858.34	+ .00	+37,266.15	+13,406.944	+8,173.950

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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	-325.080	+0.000	+14.835	+1,772.515	+34.074	+12,468.195
02	-325.080	+0.000	+14.835	+1,772.515	+34.074	+12,468.195
03	-331.311	+0.000	+15.119	+1,806.489	+34.727	+12,707.175
04	-335.393	+0.000	+15.305	+1,828.748	+35.155	+12,863.749
05	-333.459	+0.000	+15.217	+1,818.204	+34.953	+12,789.583
06	-327.014	+0.000	+14.923	+1,783.058	+34.277	+12,542.361
07	-326.799	+0.000	+14.913	+1,781.887	+34.254	+12,534.121
08	-325.725	+0.000	+14.864	+1,776.029	+34.142	+12,492.917
09	-325.725	+0.000	+14.864	+1,776.029	+34.142	+12,492.917
10	-327.658	+0.000	+14.952	+1,786.573	+34.344	+12,567.083
11	-336.038	+0.000	+15.335	+1,832.262	+35.223	+12,888.471
12	-347.425	+0.000	+15.854	+1,894.353	+36.416	+13,325.229
13	-383.521	+0.000	+17.502	+2,091.169	+40.200	+14,709.668
14	-431.650	+0.000	+19.698	+2,353.590	+45.245	+16,555.587
15	-486.868	+0.000	+22.218	+2,654.672	+51.033	+18,673.450
16	-508.139	+0.000	+23.188	+2,770.652	+53.262	+19,489.280
17	-508.998	+0.000	+23.228	+2,775.338	+53.352	+19,522.243
18	-511.147	+0.000	+23.326	+2,787.054	+53.577	+19,604.650
19	-513.296	+0.000	+23.424	+2,798.769	+53.803	+19,687.057
20	-509.858	+0.000	+23.267	+2,780.025	+53.442	+19,555.206
21	-502.767	+0.000	+22.943	+2,741.364	+52.699	+19,283.262
22	-494.388	+0.000	+22.561	+2,695.675	+51.821	+18,961.875
23	-492.454	+0.000	+22.473	+2,685.131	+51.618	+18,887.708
24	-488.372	+0.000	+22.286	+2,662.872	+51.190	+18,731.135
25	-487.513	+0.000	+22.247	+2,658.186	+51.100	+18,698.172
26	-477.199	+0.000	+21.777	+2,601.953	+50.019	+18,302.618
27	-470.969	+0.000	+21.492	+2,567.979	+49.366	+18,063.637
28	-464.308	+0.000	+21.188	+2,531.662	+48.668	+17,808.175
29	-461.085	+0.000	+21.041	+2,514.089	+48.330	+17,684.565
30	-456.573	+0.000	+20.835	+2,489.487	+47.857	+17,511.510
31	-467.316	+0.000	+21.326	+2,548.063	+48.983	+17,923.545
32	-480.422	+0.000	+21.924	+2,619.526	+50.357	+18,426.228
33	-492.239	+0.000	+22.463	+2,683.960	+51.596	+18,879.468
34	-507.280	+0.000	+23.149	+2,765.966	+53.172	+19,456.317
35	-525.972	+0.000	+24.002	+2,867.889	+55.131	+20,173.259
36	-538.434	+0.000	+24.571	+2,935.837	+56.438	+20,651.220
37	-555.193	+0.000	+25.336	+3,027.216	+58.194	+21,293.996
38	-571.522	+0.000	+26.081	+3,116.252	+59.906	+21,920.290
39	-560.994	+0.000	+25.600	+3,058.847	+58.802	+21,516.495
40	-548.747	+0.000	+25.042	+2,992.070	+57.519	+21,046.774
41	-534.996	+0.000	+24.414	+2,917.093	+56.077	+20,519.369
42	-519.741	+0.000	+23.718	+2,833.915	+54.478	+19,934.278

43	-498.900	+.000	+22.767	+2,720.277	+52.294	+19,134.930
44	-469.894	+.000	+21.443	+2,562.121	+49.253	+18,022.434
45	-446.904	+.000	+20.394	+2,436.768	+46.844	+17,140.678
46	-416.180	+.000	+18.992	+2,269.240	+43.623	+15,962.256
47	-377.290	+.000	+17.217	+2,057.195	+39.547	+14,470.687
48	-358.598	+.000	+16.364	+1,955.272	+37.587	+13,753.746

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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	+0.000	+95.439	+0.000	+0.000	+0.000	+0.000
02	+0.000	+95.439	+0.000	+0.000	+0.000	+0.000
03	+0.000	+97.268	+0.000	+0.000	+0.000	+0.000
04	+0.000	+98.467	+0.000	+0.000	+0.000	+0.000
05	+0.000	+97.899	+0.000	+0.000	+0.000	+0.000
06	+0.000	+96.007	+0.000	+0.000	+0.000	+0.000
07	+0.000	+95.943	+0.000	+0.000	+0.000	+0.000
08	+0.000	+95.628	+0.000	+0.000	+0.000	+0.000
09	+0.000	+95.628	+0.000	+0.000	+0.000	+0.000
10	+0.000	+96.196	+0.000	+0.000	+0.000	+0.000
11	+0.000	+98.656	+0.000	+0.000	+0.000	+0.000
12	+0.000	+101.999	+0.000	+0.000	+0.000	+0.000
13	+0.000	+112.596	+0.000	+0.000	+0.000	+0.000
14	+0.000	+126.726	+0.000	+0.000	+0.000	+0.000
15	+0.000	+142.937	+0.000	+0.000	+0.000	+0.000
16	+0.000	+149.182	+0.000	+0.000	+0.000	+0.000
17	+0.000	+149.435	+0.000	+0.000	+0.000	+0.000
18	+0.000	+150.065	+0.000	+0.000	+0.000	+0.000
19	+0.000	+150.696	+0.000	+0.000	+0.000	+0.000
20	+0.000	+149.687	+0.000	+0.000	+0.000	+0.000
21	+0.000	+147.605	+0.000	+0.000	+0.000	+0.000
22	+0.000	+145.145	+0.000	+0.000	+0.000	+0.000
23	+0.000	+144.578	+0.000	+0.000	+0.000	+0.000
24	+0.000	+143.379	+0.000	+0.000	+0.000	+0.000
25	+0.000	+143.127	+0.000	+0.000	+0.000	+0.000
26	+0.000	+140.099	+0.000	+0.000	+0.000	+0.000
27	+0.000	+138.270	+0.000	+0.000	+0.000	+0.000
28	+0.000	+136.314	+0.000	+0.000	+0.000	+0.000
29	+0.000	+135.368	+0.000	+0.000	+0.000	+0.000
30	+0.000	+134.043	+0.000	+0.000	+0.000	+0.000
31	+0.000	+137.197	+0.000	+0.000	+0.000	+0.000
32	+0.000	+141.045	+0.000	+0.000	+0.000	+0.000
33	+0.000	+144.514	+0.000	+0.000	+0.000	+0.000
34	+0.000	+148.930	+0.000	+0.000	+0.000	+0.000
35	+0.000	+154.418	+0.000	+0.000	+0.000	+0.000
36	+0.000	+158.076	+0.000	+0.000	+0.000	+0.000
37	+0.000	+162.997	+0.000	+0.000	+0.000	+0.000
38	+0.000	+167.791	+0.000	+0.000	+0.000	+0.000
39	+0.000	+164.700	+0.000	+0.000	+0.000	+0.000
40	+0.000	+161.104	+0.000	+0.000	+0.000	+0.000
41	+0.000	+157.067	+0.000	+0.000	+0.000	+0.000
42	+0.000	+152.589	+0.000	+0.000	+0.000	+0.000

43	+.000	+146.470	+.000	+.000	+.000	+.000
44	+.000	+137.954	+.000	+.000	+.000	+.000
45	+.000	+131.205	+.000	+.000	+.000	+.000
46	+.000	+122.184	+.000	+.000	+.000	+.000
47	+.000	+110.767	+.000	+.000	+.000	+.000
48	+.000	+105.279	+.000	+.000	+.000	+.000

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

Settlement Period	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+ .000	+83,386.356
02	+ .000	+84,556.706
03	+ .000	+85,939.591
04	+ .000	+88,164.600
05	+ .000	+101,570.258
06	+ .000	+96,283.847
07	+ .000	+91,997.142
08	+ .000	+91,443.543
09	+ .000	+96,809.183
10	+ .000	+95,791.444
11	+ .000	+78,718.147
12	+ .000	+74,271.179
13	+ .000	+75,207.757
14	+ .000	+68,955.644
15	+ .000	+72,600.789
16	+ .000	+75,814.743
17	+ .000	+82,582.366
18	+ .000	+74,096.333
19	+ .000	+79,026.960
20	+ .000	+76,486.659
21	+ .000	+71,575.371
22	+ .000	+69,098.489
23	+ .000	+86,382.037
24	+ .000	+82,092.429
25	+ .000	+81,279.886
26	+ .000	+72,656.182
27	+ .000	+61,386.067
28	+ .000	+59,392.620
29	+ .000	+57,705.095
30	+ .000	+46,876.255
31	+ .000	+47,936.920
32	+ .000	+63,009.328
33	+ .000	+84,978.502
34	+ .000	+89,999.761
35	+ .000	+95,635.817
36	+ .000	+95,191.307
37	+ .000	+105,006.192
38	+ .000	+104,056.255
39	+ .000	+83,855.896
40	+ .000	+74,365.781
41	+ .000	+77,519.426
42	+ .000	+56,811.791

43	+.000	+64,869.938
44	+.000	+62,737.619
45	+.000	+75,901.619
46	+.000	+57,713.573
47	+.000	+54,388.501
48	+.000	+74,356.695