

Date: 13/12/2019

Settlement Day:20/11/2019

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: 234

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+869,226.580	+1,608,159.350
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+852,436.860	+386,800,767.920
Balancing Services Contract Cost	+686,610.068	+207,662,315.593
Balancing Services Cost Variable	+1,875,965.480	+101,821,375.875
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	+27,407,033.636
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+192,832,623.360
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+966,050.280
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	+192,832,623.360
Total External Costs	+3,542,437.398	+731,584,020.614
Total Adjusted Energy Volume (MWh)	+1,637,019.824	

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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	+25,478.381	+65,888.731	+2.58606
02	+25,836.310	+70,408.974	+2.72519
03	+26,177.815	+64,621.957	+2.46858
04	+26,190.635	+71,247.588	+2.72035
05	+26,134.729	+74,155.713	+2.83744
06	+25,867.323	+73,552.306	+2.84344
07	+25,867.790	+74,039.936	+2.86224
08	+25,500.010	+73,668.493	+2.88896
09	+25,492.257	+78,272.422	+3.07044
10	+25,357.754	+76,770.393	+3.02749
11	+25,561.592	+95,028.296	+3.71762
12	+26,951.931	+88,000.596	+3.26509
13	+30,378.083	+79,489.249	+2.61666
14	+33,569.239	+72,592.406	+2.16247
15	+36,507.683	+129,470.276	+3.54638
16	+37,485.199	+124,319.080	+3.31648
17	+37,841.017	+107,319.033	+2.83605
18	+37,796.896	+110,305.060	+2.91836
19	+38,294.583	+90,155.622	+2.35427
20	+38,289.268	+83,703.122	+2.18607
21	+38,046.310	+100,359.686	+2.63783
22	+37,742.193	+90,177.537	+2.38930
23	+37,713.490	+99,763.725	+2.64531
24	+37,677.070	+103,147.702	+2.73768
25	+37,832.176	+106,465.222	+2.81414
26	+37,841.835	+103,535.803	+2.73601
27	+37,806.959	+106,833.250	+2.82576
28	+37,798.244	+104,974.730	+2.77724
29	+38,021.152	+101,170.135	+2.66089
30	+37,861.148	+86,653.364	+2.28871
31	+38,514.079	+69,771.096	+1.81157
32	+39,683.683	+86,623.092	+2.18284
33	+41,088.201	+91,098.583	+2.21715
34	+41,782.915	+113,287.778	+2.71134
35	+41,454.152	+95,343.206	+2.29997
36	+41,226.084	+98,202.542	+2.38205
37	+40,964.141	+85,844.925	+2.09561
38	+40,776.882	+63,215.253	+1.55027
39	+40,492.222	+55,998.715	+1.38295
40	+39,598.382	+74,958.397	+1.89297
41	+38,098.924	+80,778.839	+2.12024
42	+36,590.717	+77,755.871	+2.12502

43	+34,741.669	+82,355.431	+2.37051
44	+32,684.774	+93,302.139	+2.85461
45	+30,688.752	+100,181.719	+3.26444
46	+28,617.096	+105,139.585	+3.67401
47	+26,120.201	+136,173.663	+5.21335
48	+24,977.878	+150,387.199	+6.02082

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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	+0.01556	+20,240.04	+0.00	+20,046.67	+10,683.653	+20,353.130
02	+0.01578	+24,768.71	+0.00	+24,206.53	+10,834.707	+20,353.130
03	+0.01599	+22,970.43	+0.00	+22,773.89	+10,978.895	+15,654.750
04	+0.01600	+29,621.43	+0.00	+29,383.14	+10,985.761	+15,654.750
05	+0.01596	+33,120.50	+0.00	+32,883.79	+10,958.297	+15,127.750
06	+0.01580	+32,869.46	+0.00	+32,542.48	+10,848.439	+15,127.750
07	+0.01580	+33,831.99	+0.00	+33,625.23	+10,848.439	+14,532.630
08	+0.01558	+33,860.29	+0.00	+33,614.17	+10,697.385	+14,532.630
09	+0.01557	+33,185.78	+0.00	+33,066.11	+10,690.519	+19,701.000
10	+0.01549	+31,859.58	+0.00	+31,695.13	+10,635.590	+19,701.000
11	+0.01561	+25,330.01	+0.00	+24,927.26	+10,717.983	+44,530.200
12	+0.01646	+18,809.10	+0.00	+16,507.17	+11,301.602	+44,530.200
13	+0.01856	+8,419.67	+0.00	+7,760.02	+12,743.483	+41,325.980
14	+0.02051	-2,168.68	+0.00	-2,331.13	+14,082.372	+41,325.980
15	+0.02230	-1,068.34	+0.00	-1,679.92	+15,311.405	+94,620.430
16	+0.02290	-7,578.88	+0.00	-7,813.98	+15,723.371	+94,620.430
17	+0.02312	-7,267.61	+0.00	-7,427.35	+15,874.425	+76,873.370
18	+0.02309	-4,169.26	+0.00	-4,392.18	+15,853.826	+76,873.370
19	+0.02339	+883.88	+0.00	+714.28	+16,059.809	+51,126.040
20	+0.02339	-5,417.99	+0.00	-5,738.22	+16,059.809	+51,126.040
21	+0.02324	-13,687.82	+0.00	-13,868.78	+15,956.818	+76,158.880
22	+0.02306	-23,553.88	+0.00	-23,756.07	+15,833.228	+76,158.880
23	+0.02304	-13,073.23	+0.00	-13,228.27	+15,819.496	+75,250.030
24	+0.02302	-9,685.96	+0.00	-9,811.53	+15,805.764	+75,250.030
25	+0.02311	-6,354.66	+0.00	-6,446.98	+15,867.559	+75,055.570
26	+0.02312	-9,270.13	+0.00	-9,392.78	+15,874.425	+75,055.570
27	+0.02309	-16,183.45	+0.00	-16,329.87	+15,853.826	+85,339.250
28	+0.02309	-17,935.96	+0.00	-18,188.39	+15,853.826	+85,339.250
29	+0.02323	-22,843.00	+0.00	-23,389.07	+15,949.952	+86,506.000
30	+0.02313	-37,687.30	+0.00	-37,742.03	+15,881.291	+86,506.000
31	+0.02353	-35,933.04	+0.00	-36,008.11	+16,155.935	+67,234.570
32	+0.02424	-20,206.54	+0.00	-20,319.17	+16,643.428	+67,234.570
33	+0.02510	+2,837.75	+0.00	+2,266.75	+17,233.913	+47,715.370
34	+0.02552	+24,554.59	+0.00	+23,767.94	+17,522.289	+47,715.370
35	+0.02532	+48,967.21	+0.00	+48,486.42	+17,384.967	+5,379.940
36	+0.02518	+52,216.28	+0.00	+51,575.09	+17,288.842	+5,379.940
37	+0.02502	+39,805.65	+0.00	+39,479.57	+17,178.984	+5,379.940
38	+0.02491	+17,151.69	+0.00	+17,030.09	+17,103.457	+5,379.940
39	+0.02474	+10,196.00	+0.00	+10,092.03	+16,986.733	+5,379.940
40	+0.02419	+30,061.50	+0.00	+29,952.67	+16,609.098	+5,379.940
41	+0.02327	+37,585.23	+0.00	+37,280.17	+15,977.416	+5,379.940
42	+0.02235	+41,385.87	+0.00	+41,144.20	+15,345.735	+0.000

43	+0.02122	+48,789.51	+.00	+47,594.82	+14,569.866	+.000
44	+0.01997	+60,837.19	+.00	+60,589.16	+13,711.603	+.000
45	+0.01875	+70,486.06	+.00	+69,467.23	+12,873.939	+.000
46	+0.01748	+76,144.74	+.00	+75,845.49	+12,001.944	+660.000
47	+0.01596	+98,479.22	+.00	+98,311.49	+10,958.297	+11,718.000
48	+0.01526	+114,042.95	+.00	+113,671.70	+10,477.670	+11,718.000

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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	+1,945.100	+0.000	+12,822.545
02	+0.000	+0.000	+0.000	+1,972.601	+0.000	+13,003.841
03	+0.000	+0.000	+0.000	+1,998.852	+0.000	+13,176.896
04	+0.000	+0.000	+0.000	+2,000.102	+0.000	+13,185.137
05	+0.000	+0.000	+0.000	+1,995.102	+0.000	+13,152.174
06	+0.000	+0.000	+0.000	+1,975.101	+0.000	+13,020.322
07	+0.000	+0.000	+0.000	+1,975.101	+0.000	+13,020.322
08	+0.000	+0.000	+0.000	+1,947.600	+0.000	+12,839.027
09	+0.000	+0.000	+0.000	+1,946.350	+0.000	+12,830.786
10	+0.000	+0.000	+0.000	+1,936.349	+0.000	+12,764.860
11	+0.000	+0.000	+0.000	+1,951.350	+0.000	+12,863.749
12	+0.000	+0.000	+0.000	+2,057.605	+0.000	+13,564.209
13	+0.000	+0.000	+0.000	+2,320.119	+0.000	+15,294.759
14	+0.000	+0.000	+0.000	+2,563.881	+0.000	+16,901.697
15	+0.000	+0.000	+0.000	+2,787.643	+0.000	+18,376.784
16	+0.000	+0.000	+0.000	+2,862.647	+0.000	+18,871.227
17	+0.000	+0.000	+0.000	+2,890.148	+0.000	+19,052.522
18	+0.000	+0.000	+0.000	+2,886.398	+0.000	+19,027.800
19	+0.000	+0.000	+0.000	+2,923.900	+0.000	+19,275.022
20	+0.000	+0.000	+0.000	+2,923.900	+0.000	+19,275.022
21	+0.000	+0.000	+0.000	+2,905.149	+0.000	+19,151.411
22	+0.000	+0.000	+0.000	+2,882.648	+0.000	+19,003.078
23	+0.000	+0.000	+0.000	+2,880.147	+0.000	+18,986.597
24	+0.000	+0.000	+0.000	+2,877.647	+0.000	+18,970.115
25	+0.000	+0.000	+0.000	+2,888.898	+0.000	+19,044.282
26	+0.000	+0.000	+0.000	+2,890.148	+0.000	+19,052.522
27	+0.000	+0.000	+0.000	+2,886.398	+0.000	+19,027.800
28	+0.000	+0.000	+0.000	+2,886.398	+0.000	+19,027.800
29	+0.000	+0.000	+0.000	+2,903.899	+0.000	+19,143.170
30	+0.000	+0.000	+0.000	+2,891.398	+0.000	+19,060.763
31	+0.000	+0.000	+0.000	+2,941.401	+0.000	+19,390.392
32	+0.000	+0.000	+0.000	+3,030.155	+0.000	+19,975.482
33	+0.000	+0.000	+0.000	+3,137.661	+0.000	+20,684.183
34	+0.000	+0.000	+0.000	+3,190.163	+0.000	+21,030.293
35	+0.000	+0.000	+0.000	+3,165.162	+0.000	+20,865.479
36	+0.000	+0.000	+0.000	+3,147.661	+0.000	+20,750.109
37	+0.000	+0.000	+0.000	+3,127.660	+0.000	+20,618.257
38	+0.000	+0.000	+0.000	+3,113.909	+0.000	+20,527.610
39	+0.000	+0.000	+0.000	+3,092.658	+0.000	+20,387.518
40	+0.000	+0.000	+0.000	+3,023.905	+0.000	+19,934.278
41	+0.000	+0.000	+0.000	+2,908.899	+0.000	+19,176.133
42	+0.000	+0.000	+0.000	+2,793.893	+0.000	+18,417.988

43	+.000	+.000	+.000	+2,652.636	+.000	+17,486.787
44	+.000	+.000	+.000	+2,496.378	+.000	+16,456.699
45	+.000	+.000	+.000	+2,343.870	+.000	+15,451.332
46	+.000	+.000	+.000	+2,185.112	+.000	+14,404.762
47	+.000	+.000	+.000	+1,995.102	+.000	+13,152.174
48	+.000	+.000	+.000	+1,907.598	+.000	+12,575.324

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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	+64.238	+1,244.800	-1,271.405	+.000
02	+.000	+.000	+65.146	+1,262.400	-1,289.381	+.000
03	+.000	+.000	+66.013	+1,279.200	-1,306.540	+.000
04	+.000	+.000	+66.055	+1,280.000	-1,307.357	+.000
05	+.000	+.000	+65.890	+1,276.800	-1,304.089	+.000
06	+.000	+.000	+65.229	+1,264.000	-1,291.015	+.000
07	+.000	+.000	+65.229	+1,264.000	-1,291.015	+.000
08	+.000	+.000	+64.321	+1,246.400	-1,273.039	+.000
09	+.000	+.000	+64.279	+1,245.600	-1,272.222	+.000
10	+.000	+.000	+63.949	+1,239.200	-1,265.685	+.000
11	+.000	+.000	+64.445	+1,248.800	-1,275.490	+.000
12	+.000	+.000	+67.954	+1,316.800	-1,344.944	+.000
13	+.000	+.000	+76.623	+1,484.800	-1,516.534	+.000
14	+.000	+.000	+84.674	+1,640.800	-1,675.869	+.000
15	+.000	+.000	+92.064	+1,784.000	-1,822.129	+.000
16	+.000	+.000	+94.541	+1,832.000	-1,871.155	+.000
17	+.000	+.000	+95.449	+1,849.600	-1,889.131	+.000
18	+.000	+.000	+95.325	+1,847.200	-1,886.680	+.000
19	+.000	+.000	+96.564	+1,871.200	-1,911.193	+.000
20	+.000	+.000	+96.564	+1,871.200	-1,911.193	+.000
21	+.000	+.000	+95.944	+1,859.200	-1,898.936	+.000
22	+.000	+.000	+95.201	+1,844.800	-1,884.229	+.000
23	+.000	+.000	+95.119	+1,843.200	-1,882.594	+.000
24	+.000	+.000	+95.036	+1,841.600	-1,880.960	+.000
25	+.000	+.000	+95.408	+1,848.800	-1,888.314	+.000
26	+.000	+.000	+95.449	+1,849.600	-1,889.131	+.000
27	+.000	+.000	+95.325	+1,847.200	-1,886.680	+.000
28	+.000	+.000	+95.325	+1,847.200	-1,886.680	+.000
29	+.000	+.000	+95.903	+1,858.400	-1,898.119	+.000
30	+.000	+.000	+95.490	+1,850.400	-1,889.948	+.000
31	+.000	+.000	+97.142	+1,882.400	-1,922.632	+.000
32	+.000	+.000	+100.073	+1,939.200	-1,980.646	+.000
33	+.000	+.000	+103.623	+2,008.000	-2,050.917	+.000
34	+.000	+.000	+105.357	+2,041.600	-2,085.235	+.000
35	+.000	+.000	+104.532	+2,025.600	-2,068.893	+.000
36	+.000	+.000	+103.954	+2,014.400	-2,057.454	+.000
37	+.000	+.000	+103.293	+2,001.600	-2,044.380	+.000
38	+.000	+.000	+102.839	+1,992.800	-2,035.392	+.000
39	+.000	+.000	+102.137	+1,979.200	-2,021.501	+.000
40	+.000	+.000	+99.866	+1,935.200	-1,976.561	+.000
41	+.000	+.000	+96.068	+1,861.600	-1,901.388	+.000
42	+.000	+.000	+92.270	+1,788.000	-1,826.215	+.000



43	+.000	+.000	+87.605	+1,697.600	-1,733.883	+.000
44	+.000	+.000	+82.445	+1,597.600	-1,631.745	+.000
45	+.000	+.000	+77.408	+1,500.000	-1,532.059	+.000
46	+.000	+.000	+72.165	+1,398.400	-1,428.288	+.000
47	+.000	+.000	+65.890	+1,276.800	-1,304.089	+.000
48	+.000	+.000	+63.000	+1,220.800	-1,246.892	+.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	+65,888.731
02	+ .000	+70,408.974
03	+ .000	+64,621.957
04	+ .000	+71,247.588
05	+ .000	+74,155.713
06	+ .000	+73,552.306
07	+ .000	+74,039.936
08	+ .000	+73,668.493
09	+ .000	+78,272.422
10	+ .000	+76,770.393
11	+ .000	+95,028.296
12	+ .000	+88,000.596
13	+ .000	+79,489.249
14	+ .000	+72,592.406
15	+ .000	+129,470.276
16	+ .000	+124,319.080
17	+ .000	+107,319.033
18	+ .000	+110,305.060
19	+ .000	+90,155.622
20	+ .000	+83,703.122
21	+ .000	+100,359.686
22	+ .000	+90,177.537
23	+ .000	+99,763.725
24	+ .000	+103,147.702
25	+ .000	+106,465.222
26	+ .000	+103,535.803
27	+ .000	+106,833.250
28	+ .000	+104,974.730
29	+ .000	+101,170.135
30	+ .000	+86,653.364
31	+ .000	+69,771.096
32	+ .000	+86,623.092
33	+ .000	+91,098.583
34	+ .000	+113,287.778
35	+ .000	+95,343.206
36	+ .000	+98,202.542
37	+ .000	+85,844.925
38	+ .000	+63,215.253
39	+ .000	+55,998.715
40	+ .000	+74,958.397
41	+ .000	+80,778.839
42	+ .000	+77,755.871

43	+.000	+82,355.431
44	+.000	+93,302.139
45	+.000	+100,181.719
46	+.000	+105,139.585
47	+.000	+136,173.663
48	+.000	+150,387.199