

Date: 12/11/2019

Settlement Day:04/11/2019

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: 218

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+3,260,550.940	+365,615,581.160
Balancing Services Contract Cost	+793,899.342	+160,464,810.268
Balancing Services Cost Variable	+699,465.440	+91,869,681.005
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	+26,874,698.581
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+179,647,486.720
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+899,995.560
ESO Incentive Recovery t-1	+80,000.000	+960,000.000
ALoMCP Recovery	-81,709.830	-980,517.960
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+179,647,486.720
Total External Costs	+4,879,621.983	+653,286,216.464
Total Adjusted Energy Volume (MWh)	+1,441,193.071	

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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	+21,588.755	+64,556.096	+2.99026
02	+21,841.490	+66,596.848	+3.04910
03	+21,485.248	+72,751.149	+3.38610
04	+21,566.376	+74,222.133	+3.44157
05	+21,692.936	+74,232.913	+3.42199
06	+21,864.228	+74,046.375	+3.38664
07	+21,747.337	+75,322.101	+3.46351
08	+21,757.880	+77,797.287	+3.57559
09	+22,064.008	+86,311.119	+3.91185
10	+22,431.593	+90,543.319	+4.03642
11	+22,467.003	+93,572.009	+4.16486
12	+23,499.372	+100,682.086	+4.28446
13	+25,617.238	+104,904.241	+4.09506
14	+28,415.061	+103,025.963	+3.62575
15	+31,643.580	+111,613.819	+3.52722
16	+33,162.387	+97,431.120	+2.93800
17	+33,559.102	+87,775.089	+2.61554
18	+33,695.459	+92,352.020	+2.74079
19	+33,931.772	+82,862.598	+2.44204
20	+33,832.368	+84,385.708	+2.49423
21	+33,298.742	+95,473.930	+2.86719
22	+33,226.730	+89,774.683	+2.70188
23	+33,569.439	+68,986.719	+2.05505
24	+33,806.834	+70,706.674	+2.09149
25	+34,148.505	+76,677.380	+2.24541
26	+34,259.511	+77,232.024	+2.25432
27	+34,024.425	+96,041.656	+2.82273
28	+33,870.038	+90,207.401	+2.66334
29	+34,110.157	+102,677.326	+3.01017
30	+34,180.138	+104,587.930	+3.05990
31	+34,176.784	+106,771.693	+3.12410
32	+35,116.990	+145,254.660	+4.13631
33	+35,587.012	+153,461.906	+4.31230
34	+37,184.432	+166,526.827	+4.47840
35	+38,424.143	+137,770.849	+3.58553
36	+38,386.362	+162,203.126	+4.22554
37	+37,937.297	+150,368.429	+3.96360
38	+37,124.127	+158,592.750	+4.27196
39	+36,087.624	+173,647.333	+4.81183
40	+34,847.620	+176,688.321	+5.07031
41	+33,454.864	+182,402.775	+5.45220
42	+32,031.539	+191,142.692	+5.96733

43	+30,216.259	+212,181.239	+7.02209
44	+28,242.546	+210,454.182	+7.45167
45	+26,592.719	+187,374.804	+7.04609
46	+24,467.108	+178,675.839	+7.30270
47	+22,954.588	+214,308.529	+9.33620
48	+22,003.345	+208,569.662	+9.47900

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	System Operator Balancing Mechanism Costs(£)	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)	ESO Incentive Recovery Costs	Black Start Capital Costs
01	+0.01498	+26,481.07	+11,892.612	+11,954.750	+0.000	+0.000
02	+0.01516	+28,207.96	+12,035.514	+11,954.750	+0.000	+0.000
03	+0.01491	+34,266.43	+11,837.039	+12,486.500	+0.000	+0.000
04	+0.01496	+35,650.23	+11,876.734	+12,486.500	+0.000	+0.000
05	+0.01505	+34,142.33	+11,948.185	+13,848.250	+0.000	+0.000
06	+0.01517	+33,746.55	+12,043.453	+13,848.250	+0.000	+0.000
07	+0.01509	+34,835.02	+11,979.941	+14,175.000	+0.000	+0.000
08	+0.01510	+37,292.77	+11,987.880	+14,175.000	+0.000	+0.000
09	+0.01531	+46,290.18	+12,154.599	+13,325.250	+0.000	+0.000
10	+0.01556	+50,086.46	+12,353.074	+13,325.250	+0.000	+0.000
11	+0.01559	+51,518.09	+12,376.891	+14,870.000	+0.000	+0.000
12	+0.01631	+57,372.72	+12,948.498	+14,870.000	+0.000	+0.000
13	+0.01778	+52,831.90	+14,115.530	+21,069.770	+0.000	+0.000
14	+0.01972	+47,570.89	+15,655.695	+21,069.770	+0.000	+0.000
15	+0.02196	+36,038.51	+17,434.030	+37,284.170	+0.000	+0.000
16	+0.02301	+20,024.95	+18,267.624	+37,284.170	+0.000	+0.000
17	+0.02329	+25,922.15	+18,489.916	+21,242.710	+0.000	+0.000
18	+0.02338	+30,342.15	+18,561.367	+21,242.710	+0.000	+0.000
19	+0.02354	+31,610.56	+18,688.391	+10,205.890	+0.000	+0.000
20	+0.02348	+33,238.29	+18,640.757	+10,205.890	+0.000	+0.000
21	+0.02310	+17,781.46	+18,339.075	+37,413.540	+0.000	+0.000
22	+0.02306	+12,151.96	+18,307.319	+37,413.540	+0.000	+0.000
23	+0.02329	+23,061.72	+18,489.916	+5,314.770	+0.000	+0.000
24	+0.02346	+24,485.25	+18,624.879	+5,314.770	+0.000	+0.000
25	+0.02369	+30,054.91	+18,807.475	+5,314.770	+0.000	+0.000
26	+0.02377	+30,470.06	+18,870.987	+5,314.770	+0.000	+0.000
27	+0.02361	+42,953.42	+18,743.963	+11,920.030	+0.000	+0.000
28	+0.02350	+37,310.97	+18,656.635	+11,920.030	+0.000	+0.000
29	+0.02367	+42,170.65	+18,791.597	+19,233.850	+0.000	+0.000
30	+0.02372	+43,994.07	+18,831.292	+19,233.850	+0.000	+0.000
31	+0.02371	+41,169.66	+18,823.353	+24,259.460	+0.000	+0.000
32	+0.02437	+78,501.80	+19,347.327	+24,259.460	+0.000	+0.000
33	+0.02469	+80,528.76	+19,601.375	+29,881.770	+0.000	+0.000
34	+0.02580	+91,658.20	+20,482.603	+29,881.770	+0.000	+0.000
35	+0.02666	+85,969.66	+21,165.356	+5,314.770	+0.000	+0.000
36	+0.02664	+110,436.81	+21,149.478	+5,314.770	+0.000	+0.000
37	+0.02632	+99,160.09	+20,895.431	+5,314.770	+0.000	+0.000
38	+0.02576	+108,360.87	+20,450.847	+5,314.770	+0.000	+0.000
39	+0.02504	+124,670.90	+19,879.240	+5,314.770	+0.000	+0.000
40	+0.02418	+129,211.45	+19,196.486	+5,314.770	+0.000	+0.000
41	+0.02321	+136,617.27	+18,426.404	+5,314.770	+0.000	+0.000
42	+0.02223	+151,518.83	+17,648.382	+861.930	+0.000	+0.000

43	+0.02097	+174,754.41	+16,648.069	+861.930	+.000	+.000
44	+0.01960	+175,416.19	+15,560.427	+861.930	+.000	+.000
45	+0.01845	+154,342.04	+14,647.443	+861.930	+.000	+.000
46	+0.01698	+148,206.28	+13,480.411	+861.930	+.000	+.000
47	+0.01593	+161,356.04	+12,646.817	+25,175.720	+.000	+.000
48	+0.01527	+156,768.00	+12,122.843	+25,175.720	+.000	+.000

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

Settlement Period	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)	System Innovation Costs(£)	Prior Year Cost Recovery
01	+0.000	+1,846.849	+0.000	+12,344.584	+0.000	+0.000
02	+0.000	+1,869.041	+0.000	+12,492.917	+0.000	+0.000
03	+0.000	+1,838.219	+0.000	+12,286.899	+0.000	+0.000
04	+0.000	+1,844.384	+0.000	+12,328.103	+0.000	+0.000
05	+0.000	+1,855.479	+0.000	+12,402.269	+0.000	+0.000
06	+0.000	+1,870.274	+0.000	+12,501.158	+0.000	+0.000
07	+0.000	+1,860.411	+0.000	+12,435.232	+0.000	+0.000
08	+0.000	+1,861.644	+0.000	+12,443.473	+0.000	+0.000
09	+0.000	+1,887.534	+0.000	+12,616.528	+0.000	+0.000
10	+0.000	+1,918.356	+0.000	+12,822.545	+0.000	+0.000
11	+0.000	+1,922.055	+0.000	+12,847.268	+0.000	+0.000
12	+0.000	+2,010.822	+0.000	+13,440.599	+0.000	+0.000
13	+0.000	+2,192.055	+0.000	+14,651.983	+0.000	+0.000
14	+0.000	+2,431.233	+0.000	+16,250.681	+0.000	+0.000
15	+0.000	+2,707.397	+0.000	+18,096.600	+0.000	+0.000
16	+0.000	+2,836.849	+0.000	+18,961.875	+0.000	+0.000
17	+0.000	+2,871.370	+0.000	+19,192.615	+0.000	+0.000
18	+0.000	+2,882.466	+0.000	+19,266.781	+0.000	+0.000
19	+0.000	+2,902.192	+0.000	+19,398.632	+0.000	+0.000
20	+0.000	+2,894.795	+0.000	+19,349.188	+0.000	+0.000
21	+0.000	+2,847.945	+0.000	+19,036.041	+0.000	+0.000
22	+0.000	+2,843.014	+0.000	+19,003.078	+0.000	+0.000
23	+0.000	+2,871.370	+0.000	+19,192.615	+0.000	+0.000
24	+0.000	+2,892.329	+0.000	+19,332.707	+0.000	+0.000
25	+0.000	+2,920.685	+0.000	+19,522.243	+0.000	+0.000
26	+0.000	+2,930.548	+0.000	+19,588.169	+0.000	+0.000
27	+0.000	+2,910.822	+0.000	+19,456.317	+0.000	+0.000
28	+0.000	+2,897.260	+0.000	+19,365.669	+0.000	+0.000
29	+0.000	+2,918.219	+0.000	+19,505.762	+0.000	+0.000
30	+0.000	+2,924.384	+0.000	+19,546.965	+0.000	+0.000
31	+0.000	+2,923.151	+0.000	+19,538.724	+0.000	+0.000
32	+0.000	+3,004.521	+0.000	+20,082.611	+0.000	+0.000
33	+0.000	+3,043.973	+0.000	+20,346.314	+0.000	+0.000
34	+0.000	+3,180.822	+0.000	+21,261.033	+0.000	+0.000
35	+0.000	+3,286.849	+0.000	+21,969.734	+0.000	+0.000
36	+0.000	+3,284.384	+0.000	+21,953.253	+0.000	+0.000
37	+0.000	+3,244.932	+0.000	+21,689.550	+0.000	+0.000
38	+0.000	+3,175.890	+0.000	+21,228.070	+0.000	+0.000
39	+0.000	+3,087.123	+0.000	+20,634.739	+0.000	+0.000
40	+0.000	+2,981.096	+0.000	+19,926.038	+0.000	+0.000
41	+0.000	+2,861.507	+0.000	+19,126.689	+0.000	+0.000
42	+0.000	+2,740.685	+0.000	+18,319.099	+0.000	+0.000

43	+.000	+2,585.342	+.000	+17,280.770	+.000	+.000
44	+.000	+2,416.438	+.000	+16,151.792	+.000	+.000
45	+.000	+2,274.658	+.000	+15,204.111	+.000	+.000
46	+.000	+2,093.425	+.000	+13,992.726	+.000	+.000
47	+.000	+1,963.973	+.000	+13,127.452	+.000	+.000
48	+.000	+1,882.603	+.000	+12,583.565	+.000	+.000

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

Settlement Period	EMR Incentive Revenue	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(f)	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+61.844	+1,198.400	-1,224.013	+0.000	+0.000	+64,556.096
02	+62.587	+1,212.800	-1,238.721	+0.000	+0.000	+66,596.848
03	+61.555	+1,192.800	-1,218.294	+0.000	+0.000	+72,751.149
04	+61.761	+1,196.800	-1,222.379	+0.000	+0.000	+74,222.133
05	+62.133	+1,204.000	-1,229.733	+0.000	+0.000	+74,232.913
06	+62.628	+1,213.600	-1,239.538	+0.000	+0.000	+74,046.375
07	+62.298	+1,207.200	-1,233.001	+0.000	+0.000	+75,322.101
08	+62.339	+1,208.000	-1,233.818	+0.000	+0.000	+77,797.287
09	+63.206	+1,224.800	-1,250.977	+0.000	+0.000	+86,311.119
10	+64.238	+1,244.800	-1,271.405	+0.000	+0.000	+90,543.319
11	+64.362	+1,247.200	-1,273.856	+0.000	+0.000	+93,572.009
12	+67.335	+1,304.800	-1,332.687	+0.000	+0.000	+100,682.086
13	+73.403	+1,422.400	-1,452.801	+0.000	+0.000	+104,904.241
14	+81.412	+1,577.600	-1,611.318	+0.000	+0.000	+103,025.963
15	+90.660	+1,756.800	-1,794.348	+0.000	+0.000	+111,613.819
16	+94.995	+1,840.800	-1,880.143	+0.000	+0.000	+97,431.120
17	+96.151	+1,863.200	-1,903.022	+0.000	+0.000	+87,775.089
18	+96.522	+1,870.400	-1,910.376	+0.000	+0.000	+92,352.020
19	+97.183	+1,883.200	-1,923.449	+0.000	+0.000	+82,862.598
20	+96.935	+1,878.400	-1,918.547	+0.000	+0.000	+84,385.708
21	+95.367	+1,848.000	-1,887.497	+0.000	+0.000	+95,473.930
22	+95.201	+1,844.800	-1,884.229	+0.000	+0.000	+89,774.683
23	+96.151	+1,863.200	-1,903.022	+0.000	+0.000	+68,986.719
24	+96.853	+1,876.800	-1,916.913	+0.000	+0.000	+70,706.674
25	+97.802	+1,895.200	-1,935.706	+0.000	+0.000	+76,677.380
26	+98.133	+1,901.600	-1,942.243	+0.000	+0.000	+77,232.024
27	+97.472	+1,888.800	-1,929.169	+0.000	+0.000	+96,041.656
28	+97.018	+1,880.000	-1,920.181	+0.000	+0.000	+90,207.401
29	+97.720	+1,893.600	-1,934.072	+0.000	+0.000	+102,677.326
30	+97.926	+1,897.600	-1,938.157	+0.000	+0.000	+104,587.930
31	+97.885	+1,896.800	-1,937.340	+0.000	+0.000	+106,771.693
32	+100.610	+1,949.600	-1,991.269	+0.000	+0.000	+145,254.660
33	+101.931	+1,975.200	-2,017.416	+0.000	+0.000	+153,461.906
34	+106.513	+2,064.000	-2,108.114	+0.000	+0.000	+166,526.827
35	+110.064	+2,132.800	-2,178.384	+0.000	+0.000	+137,770.849
36	+109.981	+2,131.200	-2,176.750	+0.000	+0.000	+162,203.126
37	+108.660	+2,105.600	-2,150.603	+0.000	+0.000	+150,368.429
38	+106.348	+2,060.800	-2,104.845	+0.000	+0.000	+158,592.750
39	+103.376	+2,003.200	-2,046.014	+0.000	+0.000	+173,647.333
40	+99.825	+1,934.400	-1,975.744	+0.000	+0.000	+176,688.321
41	+95.821	+1,856.800	-1,896.485	+0.000	+0.000	+182,402.775
42	+91.775	+1,778.400	-1,816.410	+0.000	+0.000	+191,142.692

43	+86.573	+1,677.600	-1,713.455	+.000	+.000	+212,181.239
44	+80.917	+1,568.000	-1,601.513	+.000	+.000	+210,454.182
45	+76.169	+1,476.000	-1,507.546	+.000	+.000	+187,374.804
46	+70.101	+1,358.400	-1,387.433	+.000	+.000	+178,675.839
47	+65.766	+1,274.400	-1,301.638	+.000	+.000	+214,308.529
48	+63.041	+1,221.600	-1,247.709	+.000	+.000	+208,569.662