

Date: 18/11/2019

Settlement Day:09/11/2019

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: 223

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,027,431.610	+372,927,776.350
Balancing Services Contract Cost	+976,122.944	+164,522,397.786
Balancing Services Cost Variable	+333,575.210	+94,146,279.875
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	+27,491,136.936
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+183,767,841.920
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+920,637.660
ESO Incentive Recovery t-1	+80,000.000	+1,360,000.000
ALoMCP Recovery	-81,709.830	-1,389,067.110
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+183,767,841.920
Total External Costs	+2,462,836.025	+667,561,129.347
Total Adjusted Energy Volume (MWh)	+1,398,712.899	

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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	+24,585.058	+65,421.536	+2.66103
02	+24,773.007	+82,233.043	+3.31946
03	+24,637.243	+83,217.843	+3.37773
04	+23,951.252	+78,869.022	+3.29290
05	+23,810.904	+81,190.582	+3.40981
06	+23,676.095	+73,777.921	+3.11614
07	+23,437.946	+76,988.818	+3.28479
08	+23,191.651	+73,354.306	+3.16296
09	+23,099.465	+70,395.463	+3.04749
10	+22,999.319	+70,128.190	+3.04914
11	+22,584.015	+63,878.329	+2.82848
12	+23,041.732	+64,305.587	+2.79083
13	+23,819.550	+68,427.111	+2.87273
14	+25,071.490	+65,121.982	+2.59745
15	+27,131.605	+53,052.365	+1.95537
16	+28,273.957	+62,282.024	+2.20281
17	+29,120.320	+57,272.563	+1.96676
18	+30,360.834	+63,221.874	+2.08235
19	+31,301.968	+62,314.237	+1.99075
20	+31,418.902	+62,617.310	+1.99298
21	+31,542.800	+63,440.251	+2.01124
22	+31,660.661	+66,186.892	+2.09051
23	+31,742.472	+60,644.957	+1.91053
24	+31,860.034	+59,881.588	+1.87952
25	+32,202.111	+66,946.904	+2.07896
26	+31,986.624	+73,846.839	+2.30868
27	+31,908.828	+66,602.425	+2.08727
28	+31,897.491	+67,244.006	+2.10813
29	+31,930.341	+73,559.083	+2.30374
30	+32,250.988	+68,379.690	+2.12024
31	+32,807.341	+54,689.430	+1.66699
32	+33,399.746	+55,132.478	+1.65069
33	+34,528.910	+67,834.047	+1.96456
34	+36,166.528	+80,512.400	+2.22616
35	+36,509.980	+81,539.596	+2.23335
36	+36,408.608	+75,856.073	+2.08347
37	+36,288.552	+72,374.852	+1.99443
38	+35,879.472	+61,380.871	+1.71075
39	+34,542.259	+56,695.246	+1.64133
40	+33,238.602	+56,256.010	+1.69249
41	+32,233.688	+71,151.511	+2.20736
42	+30,816.728	+69,987.032	+2.27107

43	+29,512.754	+66,635.115	+2.25784
44	+28,217.212	+62,271.478	+2.20686
45	+26,637.963	+70,048.521	+2.62965
46	+25,371.330	+67,614.870	+2.66501
47	+24,032.728	+84,154.046	+3.50164
48	+22,851.835	+87,932.230	+3.84793

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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	+0.01758	+17,882.01	+17,160.241	+13,682.200	+0.000	+0.000
02	+0.01771	+34,443.15	+17,287.137	+13,682.200	+0.000	+0.000
03	+0.01761	+35,490.24	+17,189.525	+13,812.500	+0.000	+0.000
04	+0.01712	+32,085.11	+16,711.225	+13,812.500	+0.000	+0.000
05	+0.01702	+34,357.76	+16,613.613	+14,054.000	+0.000	+0.000
06	+0.01693	+27,118.43	+16,525.761	+14,054.000	+0.000	+0.000
07	+0.01676	+30,268.93	+16,359.821	+14,441.800	+0.000	+0.000
08	+0.01658	+26,981.08	+16,184.118	+14,441.800	+0.000	+0.000
09	+0.01651	+24,463.35	+16,115.790	+14,135.500	+0.000	+0.000
10	+0.01644	+24,330.89	+16,047.461	+14,135.500	+0.000	+0.000
11	+0.01615	+19,105.54	+15,764.386	+13,669.500	+0.000	+0.000
12	+0.01647	+18,916.51	+16,076.745	+13,669.500	+0.000	+0.000
13	+0.01703	+16,841.76	+16,623.374	+18,787.270	+0.000	+0.000
14	+0.01792	+11,822.58	+17,492.123	+18,787.270	+0.000	+0.000
15	+0.01940	+9,774.63	+18,936.785	+5,915.270	+0.000	+0.000
16	+0.02021	+17,444.31	+19,727.445	+5,915.270	+0.000	+0.000
17	+0.02082	+11,260.05	+20,322.880	+5,915.270	+0.000	+0.000
18	+0.02171	+15,495.31	+21,191.629	+5,915.270	+0.000	+0.000
19	+0.02238	+13,845.32	+21,845.631	+5,367.270	+0.000	+0.000
20	+0.02246	+13,994.32	+21,923.721	+5,367.270	+0.000	+0.000
21	+0.02255	+14,643.93	+22,011.572	+5,367.270	+0.000	+0.000
22	+0.02264	+17,217.24	+22,099.423	+5,367.270	+0.000	+0.000
23	+0.02269	+11,579.01	+22,148.230	+5,367.270	+0.000	+0.000
24	+0.02278	+10,642.31	+22,236.081	+5,367.270	+0.000	+0.000
25	+0.02302	+17,245.41	+22,470.350	+5,367.270	+0.000	+0.000
26	+0.02287	+24,434.23	+22,323.932	+5,367.270	+0.000	+0.000
27	+0.02281	+22,672.64	+22,265.364	+0.000	+0.000	+0.000
28	+0.02280	+23,333.48	+22,255.603	+0.000	+0.000	+0.000
29	+0.02283	+29,590.78	+22,284.887	+0.000	+0.000	+0.000
30	+0.02306	+23,968.43	+22,509.395	+0.000	+0.000	+0.000
31	+0.02346	+9,507.81	+22,899.844	+0.000	+0.000	+0.000
32	+0.02388	+9,141.98	+23,309.816	+0.000	+0.000	+0.000
33	+0.02469	+14,916.30	+24,100.475	+5,367.270	+0.000	+0.000
34	+0.02586	+25,341.35	+25,242.539	+5,367.270	+0.000	+0.000
35	+0.02610	+25,906.33	+25,476.809	+5,367.270	+0.000	+0.000
36	+0.02603	+20,357.62	+25,408.480	+5,367.270	+0.000	+0.000
37	+0.02594	+17,049.73	+25,320.629	+5,367.270	+0.000	+0.000
38	+0.02565	+6,614.26	+25,037.554	+5,367.270	+0.000	+0.000
39	+0.02470	+3,758.24	+24,110.237	+5,367.270	+0.000	+0.000
40	+0.02376	+5,129.35	+23,192.681	+5,367.270	+0.000	+0.000
41	+0.02305	+21,392.24	+22,499.634	+5,367.270	+0.000	+0.000
42	+0.02203	+27,559.45	+21,503.988	+0.000	+0.000	+0.000

43	+0.02110	+25,998.62	+20,596.194	+ .000	+ .000	+ .000
44	+0.02017	+23,426.07	+19,688.400	+ .000	+ .000	+ .000
45	+0.01904	+32,906.88	+18,585.381	+472.500	+ .000	+ .000
46	+0.01814	+32,206.54	+17,706.870	+472.500	+ .000	+ .000
47	+0.01718	+44,787.08	+16,769.792	+6,280.000	+ .000	+ .000
48	+0.01634	+50,183.02	+15,949.849	+6,280.000	+ .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	+2,167.397	+0.000	+14,487.169	+0.000	+0.000
02	+0.000	+2,183.425	+0.000	+14,594.298	+0.000	+0.000
03	+0.000	+2,171.096	+0.000	+14,511.891	+0.000	+0.000
04	+0.000	+2,110.685	+0.000	+14,108.096	+0.000	+0.000
05	+0.000	+2,098.356	+0.000	+14,025.689	+0.000	+0.000
06	+0.000	+2,087.260	+0.000	+13,951.523	+0.000	+0.000
07	+0.000	+2,066.301	+0.000	+13,811.431	+0.000	+0.000
08	+0.000	+2,044.110	+0.000	+13,663.098	+0.000	+0.000
09	+0.000	+2,035.479	+0.000	+13,605.413	+0.000	+0.000
10	+0.000	+2,026.849	+0.000	+13,547.728	+0.000	+0.000
11	+0.000	+1,991.096	+0.000	+13,308.747	+0.000	+0.000
12	+0.000	+2,030.548	+0.000	+13,572.450	+0.000	+0.000
13	+0.000	+2,099.589	+0.000	+14,033.930	+0.000	+0.000
14	+0.000	+2,209.315	+0.000	+14,767.353	+0.000	+0.000
15	+0.000	+2,391.781	+0.000	+15,986.978	+0.000	+0.000
16	+0.000	+2,491.644	+0.000	+16,654.476	+0.000	+0.000
17	+0.000	+2,566.849	+0.000	+17,157.159	+0.000	+0.000
18	+0.000	+2,676.575	+0.000	+17,890.582	+0.000	+0.000
19	+0.000	+2,759.178	+0.000	+18,442.710	+0.000	+0.000
20	+0.000	+2,769.041	+0.000	+18,508.636	+0.000	+0.000
21	+0.000	+2,780.137	+0.000	+18,582.802	+0.000	+0.000
22	+0.000	+2,791.233	+0.000	+18,656.968	+0.000	+0.000
23	+0.000	+2,797.397	+0.000	+18,698.172	+0.000	+0.000
24	+0.000	+2,808.493	+0.000	+18,772.338	+0.000	+0.000
25	+0.000	+2,838.082	+0.000	+18,970.115	+0.000	+0.000
26	+0.000	+2,819.589	+0.000	+18,846.505	+0.000	+0.000
27	+0.000	+2,812.192	+0.000	+18,797.060	+0.000	+0.000
28	+0.000	+2,810.959	+0.000	+18,788.820	+0.000	+0.000
29	+0.000	+2,814.658	+0.000	+18,813.542	+0.000	+0.000
30	+0.000	+2,843.014	+0.000	+19,003.078	+0.000	+0.000
31	+0.000	+2,892.329	+0.000	+19,332.707	+0.000	+0.000
32	+0.000	+2,944.110	+0.000	+19,678.816	+0.000	+0.000
33	+0.000	+3,043.973	+0.000	+20,346.314	+0.000	+0.000
34	+0.000	+3,188.219	+0.000	+21,310.477	+0.000	+0.000
35	+0.000	+3,217.808	+0.000	+21,508.254	+0.000	+0.000
36	+0.000	+3,209.178	+0.000	+21,450.569	+0.000	+0.000
37	+0.000	+3,198.082	+0.000	+21,376.403	+0.000	+0.000
38	+0.000	+3,162.329	+0.000	+21,137.422	+0.000	+0.000
39	+0.000	+3,045.205	+0.000	+20,354.555	+0.000	+0.000
40	+0.000	+2,929.315	+0.000	+19,579.928	+0.000	+0.000
41	+0.000	+2,841.781	+0.000	+18,994.837	+0.000	+0.000
42	+0.000	+2,716.027	+0.000	+18,154.285	+0.000	+0.000

43	+.000	+2,601.370	+.000	+17,387.899	+.000	+.000
44	+.000	+2,486.712	+.000	+16,621.513	+.000	+.000
45	+.000	+2,347.397	+.000	+15,690.313	+.000	+.000
46	+.000	+2,236.438	+.000	+14,948.649	+.000	+.000
47	+.000	+2,118.082	+.000	+14,157.540	+.000	+.000
48	+.000	+2,014.521	+.000	+13,465.321	+.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	+72.578	+1,406.400	-1,436.459	+0.000	+0.000	+65,421.536
02	+73.114	+1,416.800	-1,447.081	+0.000	+0.000	+82,233.043
03	+72.701	+1,408.800	-1,438.910	+0.000	+0.000	+83,217.843
04	+70.679	+1,369.600	-1,398.872	+0.000	+0.000	+78,869.022
05	+70.266	+1,361.600	-1,390.701	+0.000	+0.000	+81,190.582
06	+69.894	+1,354.400	-1,383.347	+0.000	+0.000	+73,777.921
07	+69.192	+1,340.800	-1,369.457	+0.000	+0.000	+76,988.818
08	+68.449	+1,326.400	-1,354.749	+0.000	+0.000	+73,354.306
09	+68.160	+1,320.800	-1,349.029	+0.000	+0.000	+70,395.463
10	+67.871	+1,315.200	-1,343.310	+0.000	+0.000	+70,128.190
11	+66.674	+1,292.000	-1,319.614	+0.000	+0.000	+63,878.329
12	+67.995	+1,317.600	-1,345.761	+0.000	+0.000	+64,305.587
13	+70.307	+1,362.400	-1,391.518	+0.000	+0.000	+68,427.111
14	+73.981	+1,433.600	-1,464.240	+0.000	+0.000	+65,121.982
15	+80.091	+1,552.000	-1,585.171	+0.000	+0.000	+53,052.365
16	+83.435	+1,616.800	-1,651.356	+0.000	+0.000	+62,282.024
17	+85.954	+1,665.600	-1,701.199	+0.000	+0.000	+57,272.563
18	+89.628	+1,736.800	-1,773.920	+0.000	+0.000	+63,221.874
19	+92.394	+1,790.400	-1,828.666	+0.000	+0.000	+62,314.237
20	+92.724	+1,796.800	-1,835.203	+0.000	+0.000	+62,617.310
21	+93.096	+1,804.000	-1,842.557	+0.000	+0.000	+63,440.251
22	+93.467	+1,811.200	-1,849.911	+0.000	+0.000	+66,186.892
23	+93.674	+1,815.200	-1,853.996	+0.000	+0.000	+60,644.957
24	+94.045	+1,822.400	-1,861.350	+0.000	+0.000	+59,881.588
25	+95.036	+1,841.600	-1,880.960	+0.000	+0.000	+66,946.904
26	+94.417	+1,829.600	-1,868.704	+0.000	+0.000	+73,846.839
27	+94.169	+1,824.800	-1,863.801	+0.000	+0.000	+66,602.425
28	+94.128	+1,824.000	-1,862.984	+0.000	+0.000	+67,244.006
29	+94.252	+1,826.400	-1,865.435	+0.000	+0.000	+73,559.083
30	+95.201	+1,844.800	-1,884.229	+0.000	+0.000	+68,379.690
31	+96.853	+1,876.800	-1,916.913	+0.000	+0.000	+54,689.430
32	+98.587	+1,910.400	-1,951.231	+0.000	+0.000	+55,132.478
33	+101.931	+1,975.200	-2,017.416	+0.000	+0.000	+67,834.047
34	+106.761	+2,068.800	-2,113.016	+0.000	+0.000	+80,512.400
35	+107.752	+2,088.000	-2,132.627	+0.000	+0.000	+81,539.596
36	+107.463	+2,082.400	-2,126.907	+0.000	+0.000	+75,856.073
37	+107.091	+2,075.200	-2,119.553	+0.000	+0.000	+72,374.852
38	+105.894	+2,052.000	-2,095.857	+0.000	+0.000	+61,380.871
39	+101.972	+1,976.000	-2,018.233	+0.000	+0.000	+56,695.246
40	+98.091	+1,900.800	-1,941.426	+0.000	+0.000	+56,256.010
41	+95.160	+1,844.000	-1,883.412	+0.000	+0.000	+71,151.511
42	+90.949	+1,762.400	-1,800.068	+0.000	+0.000	+69,987.032



43	+87.110	+1,688.000	-1,724.077	+.000	+.000	+66,635.115
44	+83.270	+1,613.600	-1,648.087	+.000	+.000	+62,271.478
45	+78.605	+1,523.200	-1,555.755	+.000	+.000	+70,048.521
46	+74.890	+1,451.200	-1,482.216	+.000	+.000	+67,614.870
47	+70.926	+1,374.400	-1,403.775	+.000	+.000	+84,154.046
48	+67.458	+1,307.200	-1,335.139	+.000	+.000	+87,932.230