

Date: 02/12/2019

Settlement Day:24/11/2019

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: 238

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+924,547.670	+392,119,029.880
Balancing Services Contract Cost	+979,872.185	+174,365,619.449
Balancing Services Cost Variable	+492,401.220	+105,889,302.235
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	+29,340,452.001
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+196,128,907.520
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+982,563.960
ESO Incentive Recovery t-1	+80,000.000	+2,560,000.000
ALoMCP Recovery	-81,709.830	-2,614,714.560
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+196,128,907.520
Total External Costs	+2,522,527.336	+710,224,220.815
Total Adjusted Energy Volume (MWh)	+1,377,821.255	

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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	+24,377.952	+81,354.795	+3.33723
02	+24,581.994	+86,330.099	+3.51192
03	+24,199.407	+85,013.865	+3.51306
04	+23,507.880	+77,693.699	+3.30501
05	+22,899.055	+74,992.867	+3.27493
06	+22,525.836	+70,761.555	+3.14135
07	+22,456.528	+75,704.914	+3.37118
08	+21,953.791	+70,546.058	+3.21339
09	+21,653.107	+65,425.490	+3.02153
10	+21,573.612	+66,131.266	+3.06538
11	+21,573.804	+63,424.936	+2.93991
12	+21,740.245	+64,011.184	+2.94436
13	+22,349.795	+70,983.865	+3.17604
14	+22,990.797	+74,387.864	+3.23555
15	+23,788.605	+50,500.428	+2.12288
16	+24,553.413	+57,021.965	+2.32236
17	+25,872.082	+45,934.756	+1.77546
18	+27,497.361	+51,324.819	+1.86654
19	+29,105.559	+47,064.547	+1.61703
20	+30,407.691	+55,091.386	+1.81176
21	+31,322.914	+56,412.348	+1.80099
22	+31,886.625	+68,164.083	+2.13770
23	+32,352.249	+54,534.491	+1.68565
24	+32,673.712	+44,931.305	+1.37515
25	+32,954.567	+46,248.983	+1.40342
26	+33,019.765	+60,289.175	+1.82585
27	+32,955.919	+74,680.883	+2.26608
28	+32,766.688	+60,580.731	+1.84885
29	+32,874.168	+57,601.849	+1.75219
30	+33,025.406	+61,009.755	+1.84736
31	+33,608.459	+67,325.202	+2.00322
32	+33,921.993	+78,139.255	+2.30350
33	+35,464.786	+99,311.443	+2.80028
34	+36,644.778	+108,482.262	+2.96037
35	+36,921.281	+110,096.228	+2.98192
36	+36,490.278	+105,584.494	+2.89350
37	+35,786.405	+98,018.536	+2.73899
38	+35,325.915	+96,266.980	+2.72511
39	+34,632.363	+93,431.705	+2.69781
40	+33,641.811	+74,264.698	+2.20751
41	+32,627.503	+64,741.828	+1.98427
42	+31,299.139	+63,979.576	+2.04413

43	+29,796.628	+61,677.484	+2.06995
44	+28,126.213	+55,879.363	+1.98674
45	+26,619.365	+57,829.101	+2.17244
46	+25,126.116	+42,134.262	+1.67691
47	+23,753.313	+67,827.491	+2.85550
48	+22,594.382	+81,074.467	+3.58826

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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	+0.01769	+17,798.83	+17,333.939	+29,463.250	+0.000	+0.000
02	+0.01784	+22,485.05	+17,480.920	+29,463.250	+0.000	+0.000
03	+0.01756	+23,626.19	+17,206.556	+27,545.500	+0.000	+0.000
04	+0.01706	+17,269.64	+16,716.619	+27,545.500	+0.000	+0.000
05	+0.01662	+16,949.54	+16,285.476	+26,012.750	+0.000	+0.000
06	+0.01635	+13,238.58	+16,020.910	+26,012.750	+0.000	+0.000
07	+0.01630	+18,212.30	+15,971.917	+26,078.750	+0.000	+0.000
08	+0.01593	+13,766.52	+15,609.364	+26,078.750	+0.000	+0.000
09	+0.01572	+6,885.67	+15,403.591	+28,243.750	+0.000	+0.000
10	+0.01566	+7,707.08	+15,344.798	+28,243.750	+0.000	+0.000
11	+0.01566	+7,465.25	+15,344.798	+25,779.250	+0.000	+0.000
12	+0.01578	+7,820.23	+15,462.383	+25,779.250	+0.000	+0.000
13	+0.01622	+10,825.68	+15,893.527	+28,898.500	+0.000	+0.000
14	+0.01669	+18,723.88	+16,354.067	+23,498.500	+0.000	+0.000
15	+0.01727	+4,648.15	+16,922.393	+12,569.000	+0.000	+0.000
16	+0.01782	+10,109.71	+17,461.322	+12,569.000	+0.000	+0.000
17	+0.01878	+9,708.36	+18,402.000	+33.000	+0.000	+0.000
18	+0.01996	+12,824.29	+19,558.249	+33.000	+0.000	+0.000
19	+0.02112	+6,361.43	+20,694.901	+0.000	+0.000	+0.000
20	+0.02207	+12,557.40	+21,625.779	+0.000	+0.000	+0.000
21	+0.02273	+12,606.39	+22,272.495	+0.000	+0.000	+0.000
22	+0.02314	+18,188.02	+22,674.242	+5,379.940	+0.000	+0.000
23	+0.02348	+3,903.17	+23,007.399	+5,379.940	+0.000	+0.000
24	+0.02371	-6,143.28	+23,232.770	+5,379.940	+0.000	+0.000
25	+0.02392	-5,230.32	+23,438.543	+5,379.940	+0.000	+0.000
26	+0.02397	+8,713.51	+23,487.536	+5,379.940	+0.000	+0.000
27	+0.02392	+23,201.58	+23,438.543	+5,379.940	+0.000	+0.000
28	+0.02378	+14,751.18	+23,301.361	+0.000	+0.000	+0.000
29	+0.02386	+11,618.12	+23,379.750	+0.000	+0.000	+0.000
30	+0.02397	+14,814.03	+23,487.536	+0.000	+0.000	+0.000
31	+0.02439	+20,320.04	+23,899.083	+0.000	+0.000	+0.000
32	+0.02462	+30,690.83	+24,124.453	+0.000	+0.000	+0.000
33	+0.02574	+44,324.58	+25,221.910	+5,379.940	+0.000	+0.000
34	+0.02660	+51,837.98	+26,064.600	+5,379.940	+0.000	+0.000
35	+0.02680	+53,066.50	+26,260.575	+5,379.940	+0.000	+0.000
36	+0.02648	+49,171.48	+25,947.015	+5,379.940	+0.000	+0.000
37	+0.02597	+42,588.41	+25,447.281	+5,379.940	+0.000	+0.000
38	+0.02564	+41,472.84	+25,123.923	+5,379.940	+0.000	+0.000
39	+0.02514	+39,601.18	+24,633.987	+5,379.940	+0.000	+0.000
40	+0.02442	+27,201.72	+23,928.479	+0.000	+0.000	+0.000
41	+0.02368	+19,105.00	+23,203.373	+0.000	+0.000	+0.000
42	+0.02272	+20,192.89	+22,262.696	+0.000	+0.000	+0.000

43	+0.02163	+19,432.73	+21,194.635	+558.750	+.000	+.000
44	+0.02041	+15,985.83	+19,999.191	+558.750	+.000	+.000
45	+0.01932	+21,112.75	+18,931.131	-517.750	+.000	+.000
46	+0.01824	+7,499.32	+17,872.869	-517.750	+.000	+.000
47	+0.01724	+25,335.78	+16,892.996	+9,266.250	+.000	+.000
48	+0.01640	+40,201.63	+16,069.904	+9,266.250	+.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	+2,180.959	+0.000	+14,577.817	+0.000	+0.000
02	+0.000	+2,199.452	+0.000	+14,701.427	+0.000	+0.000
03	+0.000	+2,164.932	+0.000	+14,470.687	+0.000	+0.000
04	+0.000	+2,103.288	+0.000	+14,058.652	+0.000	+0.000
05	+0.000	+2,049.041	+0.000	+13,696.061	+0.000	+0.000
06	+0.000	+2,015.753	+0.000	+13,473.562	+0.000	+0.000
07	+0.000	+2,009.589	+0.000	+13,432.358	+0.000	+0.000
08	+0.000	+1,963.973	+0.000	+13,127.452	+0.000	+0.000
09	+0.000	+1,938.082	+0.000	+12,954.397	+0.000	+0.000
10	+0.000	+1,930.685	+0.000	+12,904.952	+0.000	+0.000
11	+0.000	+1,930.685	+0.000	+12,904.952	+0.000	+0.000
12	+0.000	+1,945.479	+0.000	+13,003.841	+0.000	+0.000
13	+0.000	+1,999.726	+0.000	+13,366.432	+0.000	+0.000
14	+0.000	+2,057.671	+0.000	+13,753.746	+0.000	+0.000
15	+0.000	+2,129.178	+0.000	+14,231.707	+0.000	+0.000
16	+0.000	+2,196.986	+0.000	+14,684.946	+0.000	+0.000
17	+0.000	+2,315.342	+0.000	+15,476.054	+0.000	+0.000
18	+0.000	+2,460.822	+0.000	+16,448.458	+0.000	+0.000
19	+0.000	+2,603.836	+0.000	+17,404.380	+0.000	+0.000
20	+0.000	+2,720.959	+0.000	+18,187.248	+0.000	+0.000
21	+0.000	+2,802.329	+0.000	+18,731.135	+0.000	+0.000
22	+0.000	+2,852.877	+0.000	+19,069.004	+0.000	+0.000
23	+0.000	+2,894.795	+0.000	+19,349.188	+0.000	+0.000
24	+0.000	+2,923.151	+0.000	+19,538.724	+0.000	+0.000
25	+0.000	+2,949.041	+0.000	+19,711.779	+0.000	+0.000
26	+0.000	+2,955.205	+0.000	+19,752.983	+0.000	+0.000
27	+0.000	+2,949.041	+0.000	+19,711.779	+0.000	+0.000
28	+0.000	+2,931.781	+0.000	+19,596.409	+0.000	+0.000
29	+0.000	+2,941.644	+0.000	+19,662.335	+0.000	+0.000
30	+0.000	+2,955.205	+0.000	+19,752.983	+0.000	+0.000
31	+0.000	+3,006.986	+0.000	+20,099.093	+0.000	+0.000
32	+0.000	+3,035.342	+0.000	+20,288.629	+0.000	+0.000
33	+0.000	+3,173.425	+0.000	+21,211.589	+0.000	+0.000
34	+0.000	+3,279.452	+0.000	+21,920.290	+0.000	+0.000
35	+0.000	+3,304.110	+0.000	+22,085.104	+0.000	+0.000
36	+0.000	+3,264.658	+0.000	+21,821.401	+0.000	+0.000
37	+0.000	+3,201.781	+0.000	+21,401.125	+0.000	+0.000
38	+0.000	+3,161.096	+0.000	+21,129.181	+0.000	+0.000
39	+0.000	+3,099.452	+0.000	+20,717.146	+0.000	+0.000
40	+0.000	+3,010.685	+0.000	+20,123.815	+0.000	+0.000
41	+0.000	+2,919.452	+0.000	+19,514.002	+0.000	+0.000
42	+0.000	+2,801.096	+0.000	+18,722.894	+0.000	+0.000

43	+.000	+2,666.712	+.000	+17,824.657	+.000	+.000
44	+.000	+2,516.301	+.000	+16,819.290	+.000	+.000
45	+.000	+2,381.918	+.000	+15,921.052	+.000	+.000
46	+.000	+2,248.767	+.000	+15,031.056	+.000	+.000
47	+.000	+2,125.479	+.000	+14,206.985	+.000	+.000
48	+.000	+2,021.918	+.000	+13,514.765	+.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(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+73.032	+1,415.200	-1,445.447	+0.000	+0.000	+81,354.795
02	+73.651	+1,427.200	-1,457.703	+0.000	+0.000	+86,330.099
03	+72.495	+1,404.800	-1,434.825	+0.000	+0.000	+85,013.865
04	+70.431	+1,364.800	-1,393.970	+0.000	+0.000	+77,693.699
05	+68.614	+1,329.600	-1,358.017	+0.000	+0.000	+74,992.867
06	+67.500	+1,308.000	-1,335.956	+0.000	+0.000	+70,761.555
07	+67.293	+1,304.000	-1,331.870	+0.000	+0.000	+75,704.914
08	+65.766	+1,274.400	-1,301.638	+0.000	+0.000	+70,546.058
09	+64.899	+1,257.600	-1,284.479	+0.000	+0.000	+65,425.490
10	+64.651	+1,252.800	-1,279.576	+0.000	+0.000	+66,131.266
11	+64.651	+1,252.800	-1,279.576	+0.000	+0.000	+63,424.936
12	+65.146	+1,262.400	-1,289.381	+0.000	+0.000	+64,011.184
13	+66.963	+1,297.600	-1,325.333	+0.000	+0.000	+70,983.865
14	+68.903	+1,335.200	-1,363.737	+0.000	+0.000	+74,387.864
15	+71.298	+1,381.600	-1,411.129	+0.000	+0.000	+50,500.428
16	+73.568	+1,425.600	-1,456.069	+0.000	+0.000	+57,021.965
17	+77.532	+1,502.400	-1,534.511	+0.000	+0.000	+45,934.756
18	+82.403	+1,596.800	-1,630.928	+0.000	+0.000	+51,324.819
19	+87.192	+1,689.600	-1,725.712	+0.000	+0.000	+47,064.547
20	+91.114	+1,765.600	-1,803.336	+0.000	+0.000	+55,091.386
21	+93.839	+1,818.400	-1,857.264	+0.000	+0.000	+56,412.348
22	+95.532	+1,851.200	-1,890.765	+0.000	+0.000	+68,164.083
23	+96.935	+1,878.400	-1,918.547	+0.000	+0.000	+54,534.491
24	+97.885	+1,896.800	-1,937.340	+0.000	+0.000	+44,931.305
25	+98.752	+1,913.600	-1,954.499	+0.000	+0.000	+46,248.983
26	+98.958	+1,917.600	-1,958.585	+0.000	+0.000	+60,289.175
27	+98.752	+1,913.600	-1,954.499	+0.000	+0.000	+74,680.883
28	+98.174	+1,902.400	-1,943.060	+0.000	+0.000	+60,580.731
29	+98.504	+1,908.800	-1,949.597	+0.000	+0.000	+57,601.849
30	+98.958	+1,917.600	-1,958.585	+0.000	+0.000	+61,009.755
31	+100.692	+1,951.200	-1,992.903	+0.000	+0.000	+67,325.202
32	+101.642	+1,969.600	-2,011.696	+0.000	+0.000	+78,139.255
33	+106.266	+2,059.200	-2,103.211	+0.000	+0.000	+99,311.443
34	+109.816	+2,128.000	-2,173.481	+0.000	+0.000	+108,482.262
35	+110.642	+2,144.000	-2,189.823	+0.000	+0.000	+110,096.228
36	+109.321	+2,118.400	-2,163.676	+0.000	+0.000	+105,584.494
37	+107.215	+2,077.600	-2,122.004	+0.000	+0.000	+98,018.536
38	+105.853	+2,051.200	-2,095.040	+0.000	+0.000	+96,266.980
39	+103.788	+2,011.200	-2,054.185	+0.000	+0.000	+93,431.705
40	+100.816	+1,953.600	-1,995.354	+0.000	+0.000	+74,264.698
41	+97.761	+1,894.400	-1,934.889	+0.000	+0.000	+64,741.828
42	+93.798	+1,817.600	-1,856.447	+0.000	+0.000	+63,979.576



43	+89.298	+1,730.400	-1,767.384	+.000	+.000	+61,677.484
44	+84.261	+1,632.800	-1,667.698	+.000	+.000	+55,879.363
45	+79.761	+1,545.600	-1,578.634	+.000	+.000	+57,829.101
46	+75.302	+1,459.200	-1,490.387	+.000	+.000	+42,134.262
47	+71.174	+1,379.200	-1,408.677	+.000	+.000	+67,827.491
48	+67.706	+1,312.000	-1,340.041	+.000	+.000	+81,074.467