

Date: 28/11/2019

Settlement Day:20/11/2019

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: 234

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+853,836.250	+386,482,796.490
Balancing Services Contract Cost	-877,457.926	+170,763,081.191
Balancing Services Cost Variable	+1,875,965.480	+102,477,255.715
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	+28,847,301.317
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	+2,240,000.000
ALoMCP Recovery	-81,709.830	-2,287,875.240
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	+1,978,050.065	+697,070,577.603
Total Adjusted Energy Volume (MWh)	+1,633,106.006	

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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	+25,434.251	+41,551.663	+1.63369
02	+25,791.999	+45,732.593	+1.77313
03	+26,135.264	+39,610.210	+1.51558
04	+26,144.891	+46,233.703	+1.76836
05	+26,079.391	+49,219.620	+1.88730
06	+25,811.978	+48,867.249	+1.89320
07	+25,818.200	+49,349.669	+1.91143
08	+25,452.012	+49,321.729	+1.93783
09	+25,444.304	+53,940.146	+2.11993
10	+25,310.670	+52,562.600	+2.07670
11	+25,513.432	+70,616.129	+2.76780
12	+26,901.006	+62,252.190	+2.31412
13	+30,320.426	+50,424.381	+1.66305
14	+33,511.107	+40,476.644	+1.20786
15	+36,443.820	+94,552.928	+2.59448
16	+37,417.496	+88,454.837	+2.36400
17	+37,772.855	+71,110.377	+1.88258
18	+37,721.318	+74,146.218	+1.96563
19	+38,226.538	+53,534.157	+1.40044
20	+38,214.064	+47,073.333	+1.23183
21	+37,969.205	+63,953.125	+1.68434
22	+37,667.995	+54,040.128	+1.43464
23	+37,640.091	+63,670.932	+1.69157
24	+37,600.370	+67,092.782	+1.78436
25	+37,757.798	+70,272.534	+1.86114
26	+37,768.604	+67,322.857	+1.78251
27	+37,734.114	+70,661.231	+1.87261
28	+37,723.081	+68,797.218	+1.82374
29	+37,941.730	+64,763.039	+1.70691
30	+37,765.454	+50,368.054	+1.33371
31	+38,414.446	+32,861.192	+0.85544
32	+39,574.405	+48,630.138	+1.22883
33	+40,975.842	+51,807.773	+1.26435
34	+41,668.734	+73,396.800	+1.76144
35	+41,337.738	+55,784.213	+1.34947
36	+41,107.708	+58,874.389	+1.43220
37	+40,842.088	+46,744.278	+1.14451
38	+40,658.740	+24,245.822	+0.59632
39	+40,369.370	+17,279.785	+0.42804
40	+39,480.469	+37,144.262	+0.94083
41	+37,982.072	+44,422.979	+1.16958
42	+36,478.258	+42,852.815	+1.17475

43	+34,624.343	+49,235.251	+1.42198
44	+32,569.647	+62,153.568	+1.90833
45	+30,571.578	+70,904.739	+2.31930
46	+28,508.009	+77,837.926	+2.73039
47	+26,022.807	+111,316.238	+4.27764
48	+24,886.288	+126,658.107	+5.08947

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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	+0.01557	+20,072.52	-13,662.020	+20,353.130	+0.000	+0.000
02	+0.01579	+24,237.54	-13,855.061	+20,353.130	+0.000	+0.000
03	+0.01600	+22,798.35	-14,039.327	+15,654.750	+0.000	+0.000
04	+0.01601	+29,421.12	-14,048.101	+15,654.750	+0.000	+0.000
05	+0.01597	+32,936.93	-14,013.003	+15,127.750	+0.000	+0.000
06	+0.01581	+32,596.13	-13,872.610	+15,127.750	+0.000	+0.000
07	+0.01581	+33,673.67	-13,872.610	+14,532.630	+0.000	+0.000
08	+0.01559	+33,661.64	-13,679.569	+14,532.630	+0.000	+0.000
09	+0.01558	+33,112.41	-13,670.794	+19,701.000	+0.000	+0.000
10	+0.01550	+31,740.65	-13,600.598	+19,701.000	+0.000	+0.000
11	+0.01562	+24,956.30	-13,705.893	+44,530.200	+0.000	+0.000
12	+0.01647	+16,530.89	-14,451.732	+44,530.200	+0.000	+0.000
13	+0.01857	+7,755.43	-16,294.394	+41,325.980	+0.000	+0.000
14	+0.02052	-2,333.33	-18,005.437	+41,325.980	+0.000	+0.000
15	+0.02232	-1,681.67	-19,584.861	+94,620.430	+0.000	+0.000
16	+0.02291	-7,822.43	-20,102.561	+94,620.430	+0.000	+0.000
17	+0.02313	-7,435.74	-20,295.602	+76,873.370	+0.000	+0.000
18	+0.02310	-4,397.73	-20,269.278	+76,873.370	+0.000	+0.000
19	+0.02341	+715.12	-20,541.290	+51,126.040	+0.000	+0.000
20	+0.02340	-5,744.98	-20,532.515	+51,126.040	+0.000	+0.000
21	+0.02325	-13,887.18	-20,400.897	+76,158.880	+0.000	+0.000
22	+0.02307	-23,787.16	-20,242.954	+76,158.880	+0.000	+0.000
23	+0.02305	-13,246.06	-20,225.405	+75,250.030	+0.000	+0.000
24	+0.02302	-9,822.04	-20,199.081	+75,250.030	+0.000	+0.000
25	+0.02312	-6,455.06	-20,286.827	+75,055.570	+0.000	+0.000
26	+0.02313	-9,405.46	-20,295.602	+75,055.570	+0.000	+0.000
27	+0.02311	-16,349.32	-20,278.053	+85,339.250	+0.000	+0.000
28	+0.02310	-18,212.61	-20,269.278	+85,339.250	+0.000	+0.000
29	+0.02323	-23,422.94	-20,383.348	+86,506.000	+0.000	+0.000
30	+0.02312	-37,809.97	-20,286.827	+86,506.000	+0.000	+0.000
31	+0.02352	-36,074.33	-20,637.810	+67,234.570	+0.000	+0.000
32	+0.02423	-20,356.73	-21,260.806	+67,234.570	+0.000	+0.000
33	+0.02509	+2,277.91	-22,015.419	+47,715.370	+0.000	+0.000
34	+0.02552	+23,835.84	-22,392.726	+47,715.370	+0.000	+0.000
35	+0.02531	+48,573.87	-22,208.460	+5,379.940	+0.000	+0.000
36	+0.02517	+51,674.17	-22,085.616	+5,379.940	+0.000	+0.000
37	+0.02501	+39,555.63	-21,945.223	+5,379.940	+0.000	+0.000
38	+0.02490	+17,065.13	-21,848.702	+5,379.940	+0.000	+0.000
39	+0.02472	+10,112.11	-21,690.760	+5,379.940	+0.000	+0.000
40	+0.02418	+30,015.64	-21,216.933	+5,379.940	+0.000	+0.000
41	+0.02326	+37,360.89	-20,409.671	+5,379.940	+0.000	+0.000
42	+0.02234	+41,237.20	-19,602.410	+0.000	+0.000	+0.000

43	+0.02120	+47,702.08	-18,602.108	+ .000	+ .000	+ .000
44	+0.01994	+60,711.52	-17,496.511	+ .000	+ .000	+ .000
45	+0.01872	+69,550.92	-16,426.012	+ .000	+ .000	+ .000
46	+0.01746	+75,915.23	-15,320.415	+660.000	+ .000	+ .000
47	+0.01593	+98,446.19	-13,977.905	+11,718.000	+ .000	+ .000
48	+0.01524	+113,837.96	-13,372.459	+11,718.000	+ .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	+1,919.589	+0.000	+12,830.786	+0.000	+0.000
02	+0.000	+1,946.712	+0.000	+13,012.082	+0.000	+0.000
03	+0.000	+1,972.603	+0.000	+13,185.137	+0.000	+0.000
04	+0.000	+1,973.836	+0.000	+13,193.377	+0.000	+0.000
05	+0.000	+1,968.904	+0.000	+13,160.415	+0.000	+0.000
06	+0.000	+1,949.178	+0.000	+13,028.563	+0.000	+0.000
07	+0.000	+1,949.178	+0.000	+13,028.563	+0.000	+0.000
08	+0.000	+1,922.055	+0.000	+12,847.268	+0.000	+0.000
09	+0.000	+1,920.822	+0.000	+12,839.027	+0.000	+0.000
10	+0.000	+1,910.959	+0.000	+12,773.101	+0.000	+0.000
11	+0.000	+1,925.753	+0.000	+12,871.990	+0.000	+0.000
12	+0.000	+2,030.548	+0.000	+13,572.450	+0.000	+0.000
13	+0.000	+2,289.452	+0.000	+15,302.999	+0.000	+0.000
14	+0.000	+2,529.863	+0.000	+16,909.938	+0.000	+0.000
15	+0.000	+2,751.781	+0.000	+18,393.266	+0.000	+0.000
16	+0.000	+2,824.521	+0.000	+18,879.468	+0.000	+0.000
17	+0.000	+2,851.644	+0.000	+19,060.763	+0.000	+0.000
18	+0.000	+2,847.945	+0.000	+19,036.041	+0.000	+0.000
19	+0.000	+2,886.164	+0.000	+19,291.503	+0.000	+0.000
20	+0.000	+2,884.932	+0.000	+19,283.262	+0.000	+0.000
21	+0.000	+2,866.438	+0.000	+19,159.652	+0.000	+0.000
22	+0.000	+2,844.247	+0.000	+19,011.319	+0.000	+0.000
23	+0.000	+2,841.781	+0.000	+18,994.837	+0.000	+0.000
24	+0.000	+2,838.082	+0.000	+18,970.115	+0.000	+0.000
25	+0.000	+2,850.411	+0.000	+19,052.522	+0.000	+0.000
26	+0.000	+2,851.644	+0.000	+19,060.763	+0.000	+0.000
27	+0.000	+2,849.178	+0.000	+19,044.282	+0.000	+0.000
28	+0.000	+2,847.945	+0.000	+19,036.041	+0.000	+0.000
29	+0.000	+2,863.973	+0.000	+19,143.170	+0.000	+0.000
30	+0.000	+2,850.411	+0.000	+19,052.522	+0.000	+0.000
31	+0.000	+2,899.726	+0.000	+19,382.151	+0.000	+0.000
32	+0.000	+2,987.260	+0.000	+19,967.241	+0.000	+0.000
33	+0.000	+3,093.288	+0.000	+20,675.942	+0.000	+0.000
34	+0.000	+3,146.301	+0.000	+21,030.293	+0.000	+0.000
35	+0.000	+3,120.411	+0.000	+20,857.238	+0.000	+0.000
36	+0.000	+3,103.151	+0.000	+20,741.868	+0.000	+0.000
37	+0.000	+3,083.425	+0.000	+20,610.017	+0.000	+0.000
38	+0.000	+3,069.863	+0.000	+20,519.369	+0.000	+0.000
39	+0.000	+3,047.671	+0.000	+20,371.036	+0.000	+0.000
40	+0.000	+2,981.096	+0.000	+19,926.038	+0.000	+0.000
41	+0.000	+2,867.671	+0.000	+19,167.892	+0.000	+0.000
42	+0.000	+2,754.247	+0.000	+18,409.747	+0.000	+0.000

43	+.000	+2,613.699	+.000	+17,470.306	+.000	+.000
44	+.000	+2,458.356	+.000	+16,431.977	+.000	+.000
45	+.000	+2,307.945	+.000	+15,426.610	+.000	+.000
46	+.000	+2,152.603	+.000	+14,388.280	+.000	+.000
47	+.000	+1,963.973	+.000	+13,127.452	+.000	+.000
48	+.000	+1,878.904	+.000	+12,558.843	+.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	+64.279	+1,245.600	-1,272.222	+0.000	+0.000	+41,551.663
02	+65.188	+1,263.200	-1,290.198	+0.000	+0.000	+45,732.593
03	+66.055	+1,280.000	-1,307.357	+0.000	+0.000	+39,610.210
04	+66.096	+1,280.800	-1,308.174	+0.000	+0.000	+46,233.703
05	+65.931	+1,277.600	-1,304.906	+0.000	+0.000	+49,219.620
06	+65.270	+1,264.800	-1,291.832	+0.000	+0.000	+48,867.249
07	+65.270	+1,264.800	-1,291.832	+0.000	+0.000	+49,349.669
08	+64.362	+1,247.200	-1,273.856	+0.000	+0.000	+49,321.729
09	+64.321	+1,246.400	-1,273.039	+0.000	+0.000	+53,940.146
10	+63.991	+1,240.000	-1,266.502	+0.000	+0.000	+52,562.600
11	+64.486	+1,249.600	-1,276.308	+0.000	+0.000	+70,616.129
12	+67.995	+1,317.600	-1,345.761	+0.000	+0.000	+62,252.190
13	+76.665	+1,485.600	-1,517.352	+0.000	+0.000	+50,424.381
14	+84.715	+1,641.600	-1,676.686	+0.000	+0.000	+40,476.644
15	+92.146	+1,785.600	-1,823.763	+0.000	+0.000	+94,552.928
16	+94.582	+1,832.800	-1,871.972	+0.000	+0.000	+88,454.837
17	+95.490	+1,850.400	-1,889.948	+0.000	+0.000	+71,110.377
18	+95.367	+1,848.000	-1,887.497	+0.000	+0.000	+74,146.218
19	+96.646	+1,872.800	-1,912.827	+0.000	+0.000	+53,534.157
20	+96.605	+1,872.000	-1,912.010	+0.000	+0.000	+47,073.333
21	+95.986	+1,860.000	-1,899.754	+0.000	+0.000	+63,953.125
22	+95.243	+1,845.600	-1,885.046	+0.000	+0.000	+54,040.128
23	+95.160	+1,844.000	-1,883.412	+0.000	+0.000	+63,670.932
24	+95.036	+1,841.600	-1,880.960	+0.000	+0.000	+67,092.782
25	+95.449	+1,849.600	-1,889.131	+0.000	+0.000	+70,272.534
26	+95.490	+1,850.400	-1,889.948	+0.000	+0.000	+67,322.857
27	+95.408	+1,848.800	-1,888.314	+0.000	+0.000	+70,661.231
28	+95.367	+1,848.000	-1,887.497	+0.000	+0.000	+68,797.218
29	+95.903	+1,858.400	-1,898.119	+0.000	+0.000	+64,763.039
30	+95.449	+1,849.600	-1,889.131	+0.000	+0.000	+50,368.054
31	+97.100	+1,881.600	-1,921.815	+0.000	+0.000	+32,861.192
32	+100.032	+1,938.400	-1,979.829	+0.000	+0.000	+48,630.138
33	+103.582	+2,007.200	-2,050.100	+0.000	+0.000	+51,807.773
34	+105.357	+2,041.600	-2,085.235	+0.000	+0.000	+73,396.800
35	+104.490	+2,024.800	-2,068.076	+0.000	+0.000	+55,784.213
36	+103.912	+2,013.600	-2,056.636	+0.000	+0.000	+58,874.389
37	+103.252	+2,000.800	-2,043.563	+0.000	+0.000	+46,744.278
38	+102.798	+1,992.000	-2,034.575	+0.000	+0.000	+24,245.822
39	+102.055	+1,977.600	-2,019.867	+0.000	+0.000	+17,279.785
40	+99.825	+1,934.400	-1,975.744	+0.000	+0.000	+37,144.262
41	+96.027	+1,860.800	-1,900.571	+0.000	+0.000	+44,422.979
42	+92.229	+1,787.200	-1,825.398	+0.000	+0.000	+42,852.815

43	+87.523	+1,696.000	-1,732.248	+.000	+.000	+49,235.251
44	+82.321	+1,595.200	-1,629.294	+.000	+.000	+62,153.568
45	+77.284	+1,497.600	-1,529.608	+.000	+.000	+70,904.739
46	+72.082	+1,396.800	-1,426.654	+.000	+.000	+77,837.926
47	+65.766	+1,274.400	-1,301.638	+.000	+.000	+111,316.238
48	+62.917	+1,219.200	-1,245.258	+.000	+.000	+126,658.107