

Date: 24/12/2019

Settlement Day:29/11/2019

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: 243

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,029,910.410	+14,359,778.520
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,016,951.770	+399,399,507.830
Balancing Services Contract Cost	+653,721.300	+214,592,716.761
Balancing Services Cost Variable	+112,000.600	+106,442,286.855
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	+125,666.557	+28,542,619.218
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+200,249,262.720
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,003,206.060
ESO Incentive Recovery t-1	+80,000.000	+4,160,000.000
ALoMCP Recovery	-81,709.830	-4,248,911.160
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+200,249,262.720
Total External Costs	+1,910,758.817	+756,891,425.564
Total Adjusted Energy Volume (MWh)	+1,583,596.297	

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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	+24,784.960	+60,540.393	+2.44263
02	+25,150.450	+63,891.865	+2.54039
03	+25,045.943	+62,165.322	+2.48205
04	+24,480.559	+51,422.176	+2.10053
05	+24,512.858	+50,501.664	+2.06021
06	+24,194.467	+46,909.868	+1.93887
07	+24,105.623	+50,232.405	+2.08385
08	+23,925.274	+53,991.619	+2.25668
09	+23,840.241	+45,875.136	+1.92427
10	+23,997.638	+48,334.484	+2.01414
11	+24,684.981	+60,598.480	+2.45487
12	+25,746.964	+51,603.878	+2.00427
13	+28,622.128	+54,722.976	+1.91191
14	+31,815.054	+45,278.399	+1.42318
15	+35,528.406	+60,294.201	+1.69707
16	+37,219.142	+71,477.171	+1.92044
17	+37,279.980	+86,974.636	+2.33301
18	+37,244.672	+71,918.888	+1.93098
19	+37,465.544	+64,562.091	+1.72324
20	+37,162.672	+65,725.255	+1.76858
21	+36,698.842	+64,619.431	+1.76080
22	+36,395.904	+54,541.045	+1.49855
23	+35,973.671	+38,721.377	+1.07638
24	+35,780.365	+24,240.312	+0.67748
25	+35,715.256	+32,672.657	+0.91481
26	+35,632.899	+42,563.053	+1.19449
27	+35,736.041	+33,039.065	+0.92453
28	+35,818.940	+29,650.649	+0.82779
29	+36,282.853	+39,135.313	+1.07862
30	+36,662.129	+43,261.084	+1.17999
31	+37,015.792	+39,641.467	+1.07093
32	+38,007.610	+55,692.050	+1.46529
33	+39,174.298	+84,571.769	+2.15886
34	+40,082.544	+97,334.159	+2.42834
35	+40,477.733	+99,447.249	+2.45684
36	+40,240.604	+95,278.237	+2.36771
37	+39,648.036	+86,430.062	+2.17993
38	+39,524.121	+81,653.562	+2.06592
39	+39,171.991	+74,732.219	+1.90780
40	+38,432.822	+66,405.017	+1.72782
41	+36,745.868	+66,230.778	+1.80240
42	+35,637.258	+54,003.213	+1.51536

43	+34,346.802	+44,088.243	+1.28362
44	+32,663.328	+34,719.113	+1.06294
45	+30,939.864	+35,903.436	+1.16043
46	+29,348.682	+44,762.460	+1.52519
47	+27,985.946	+58,266.045	+2.08198
48	+26,648.542	+46,189.828	+1.73330

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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	+0.01565	+37,137.71	+0.00	+37,000.91	+10,230.738	-1,592.500
02	+0.01588	+40,671.51	+0.00	+39,983.03	+10,381.094	-1,592.500
03	+0.01582	+38,321.50	+0.00	+38,213.47	+10,341.871	-1,453.130
04	+0.01546	+28,475.50	+0.00	+28,048.44	+10,106.531	-1,453.130
05	+0.01548	+27,043.58	+0.00	+26,969.18	+10,119.606	-1,326.500
06	+0.01528	+23,824.63	+0.00	+23,698.56	+9,988.861	-1,326.500
07	+0.01522	+27,471.71	+0.00	+27,269.08	+9,949.638	-1,478.130
08	+0.01511	+31,531.56	+0.00	+31,204.94	+9,877.729	-1,478.130
09	+0.01505	+23,890.77	+0.00	+23,399.93	+9,838.506	-1,693.250
10	+0.01515	+26,052.92	+0.00	+25,698.69	+9,903.878	-1,693.250
11	+0.01559	+35,441.64	+0.00	+34,959.60	+10,191.515	+603.250
12	+0.01626	+24,948.13	+0.00	+24,889.06	+10,629.508	+603.250
13	+0.01807	+20,955.13	+0.00	+20,272.33	+11,812.744	+5,432.440
14	+0.02009	+7,924.01	+0.00	+7,583.88	+13,133.261	+5,432.440
15	+0.02244	+19,778.37	+0.00	+18,825.87	+14,669.506	+5,432.440
16	+0.02350	+28,634.16	+0.00	+28,306.61	+15,362.451	+5,432.440
17	+0.02354	+43,964.61	+0.00	+43,739.84	+15,388.599	+5,432.440
18	+0.02352	+28,813.18	+0.00	+28,716.21	+15,375.525	+5,432.440
19	+0.02366	+21,764.10	+0.00	+21,134.59	+15,467.046	+5,432.440
20	+0.02347	+22,995.44	+0.00	+22,602.87	+15,342.839	+5,432.440
21	+0.02317	+22,194.74	+0.00	+21,978.81	+15,146.723	+5,432.440
22	+0.02298	+12,446.10	+0.00	+12,205.54	+15,022.515	+5,432.440
23	+0.02272	-2,939.86	+0.00	-3,196.60	+14,852.548	+5,432.440
24	+0.02259	-17,163.63	+0.00	-17,468.90	+14,767.564	+5,432.440
25	+0.02255	-8,806.46	+0.00	-8,972.32	+14,741.415	+5,432.440
26	+0.02250	+1,157.26	+0.00	+998.37	+14,708.729	+5,432.440
27	+0.02257	-3,181.21	+0.00	-3,205.59	+14,754.490	+0.000
28	+0.02262	-6,640.04	+0.00	-6,674.30	+14,787.176	+0.000
29	+0.02291	+2,360.27	+0.00	+2,344.66	+14,976.755	+0.000
30	+0.02315	+6,142.19	+0.00	+6,085.02	+15,133.648	+0.000
31	+0.02337	+2,335.37	+0.00	+2,112.11	+15,277.467	+0.000
32	+0.02400	+17,412.06	+0.00	+17,150.99	+15,689.311	+0.000
33	+0.02474	+39,890.97	+0.00	+39,409.92	+16,173.065	+5,432.440
34	+0.02531	+51,524.96	+0.00	+51,256.96	+16,545.686	+5,432.440
35	+0.02556	+53,217.30	+0.00	+52,968.58	+16,709.116	+5,432.440
36	+0.02541	+49,496.37	+0.00	+49,040.45	+16,611.058	+5,432.440
37	+0.02504	+41,448.66	+0.00	+40,786.45	+16,369.181	+5,432.440
38	+0.02496	+36,277.25	+0.00	+36,138.42	+16,316.884	+5,432.440
39	+0.02474	+30,234.14	+0.00	+29,570.37	+16,173.065	+5,432.440
40	+0.02427	+22,183.10	+0.00	+21,997.93	+15,865.816	+5,432.440
41	+0.02320	+23,664.77	+0.00	+23,541.98	+15,166.334	+5,432.440
42	+0.02250	+18,067.16	+0.00	+17,870.97	+14,708.729	+0.000

43	+0.02169	+9,435.95	+.00	+9,256.76	+14,179.215	+.000
44	+0.02063	+1,597.24	+.00	+1,589.86	+13,486.270	+.000
45	+0.01954	+4,600.16	+.00	+4,524.59	+12,773.714	+.000
46	+0.01853	+15,163.40	+.00	+15,005.55	+12,113.456	+.000
47	+0.01767	+29,428.49	+.00	+29,422.69	+11,551.255	+467.500
48	+0.01683	+18,723.54	+.00	+18,695.41	+11,002.129	+467.500

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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	+1,966.682	+0.000	+12,896.712
02	+0.000	+0.000	+0.000	+1,995.585	+0.000	+13,086.248
03	+0.000	+0.000	+0.000	+1,988.045	+0.000	+13,036.804
04	+0.000	+0.000	+0.000	+1,942.805	+0.000	+12,740.138
05	+0.000	+0.000	+0.000	+1,945.318	+0.000	+12,756.620
06	+0.000	+0.000	+0.000	+1,920.185	+0.000	+12,591.805
07	+0.000	+0.000	+0.000	+1,912.645	+0.000	+12,542.361
08	+0.000	+0.000	+0.000	+1,898.822	+0.000	+12,451.713
09	+0.000	+0.000	+0.000	+1,891.282	+0.000	+12,402.269
10	+0.000	+0.000	+0.000	+1,903.848	+0.000	+12,484.676
11	+0.000	+0.000	+0.000	+1,959.142	+0.000	+12,847.268
12	+0.000	+0.000	+0.000	+2,043.338	+0.000	+13,399.395
13	+0.000	+0.000	+0.000	+2,270.795	+0.000	+14,890.964
14	+0.000	+0.000	+0.000	+2,524.641	+0.000	+16,555.587
15	+0.000	+0.000	+0.000	+2,819.958	+0.000	+18,492.154
16	+0.000	+0.000	+0.000	+2,953.164	+0.000	+19,365.669
17	+0.000	+0.000	+0.000	+2,958.191	+0.000	+19,398.632
18	+0.000	+0.000	+0.000	+2,955.677	+0.000	+19,382.151
19	+0.000	+0.000	+0.000	+2,973.271	+0.000	+19,497.521
20	+0.000	+0.000	+0.000	+2,949.394	+0.000	+19,340.947
21	+0.000	+0.000	+0.000	+2,911.694	+0.000	+19,093.726
22	+0.000	+0.000	+0.000	+2,887.817	+0.000	+18,937.152
23	+0.000	+0.000	+0.000	+2,855.144	+0.000	+18,722.894
24	+0.000	+0.000	+0.000	+2,838.808	+0.000	+18,615.765
25	+0.000	+0.000	+0.000	+2,833.781	+0.000	+18,582.802
26	+0.000	+0.000	+0.000	+2,827.498	+0.000	+18,541.598
27	+0.000	+0.000	+0.000	+2,836.294	+0.000	+18,599.283
28	+0.000	+0.000	+0.000	+2,842.578	+0.000	+18,640.487
29	+0.000	+0.000	+0.000	+2,879.021	+0.000	+18,879.468
30	+0.000	+0.000	+0.000	+2,909.181	+0.000	+19,077.245
31	+0.000	+0.000	+0.000	+2,936.827	+0.000	+19,258.540
32	+0.000	+0.000	+0.000	+3,015.997	+0.000	+19,777.705
33	+0.000	+0.000	+0.000	+3,108.991	+0.000	+20,387.518
34	+0.000	+0.000	+0.000	+3,180.621	+0.000	+20,857.238
35	+0.000	+0.000	+0.000	+3,212.037	+0.000	+21,063.256
36	+0.000	+0.000	+0.000	+3,193.187	+0.000	+20,939.645
37	+0.000	+0.000	+0.000	+3,146.691	+0.000	+20,634.739
38	+0.000	+0.000	+0.000	+3,136.637	+0.000	+20,568.813
39	+0.000	+0.000	+0.000	+3,108.991	+0.000	+20,387.518
40	+0.000	+0.000	+0.000	+3,049.927	+0.000	+20,000.204
41	+0.000	+0.000	+0.000	+2,915.464	+0.000	+19,118.448
42	+0.000	+0.000	+0.000	+2,827.498	+0.000	+18,541.598

43	+.000	+.000	+.000	+2,725.708	+.000	+17,874.101
44	+.000	+.000	+.000	+2,592.501	+.000	+17,000.586
45	+.000	+.000	+.000	+2,455.525	+.000	+16,102.348
46	+.000	+.000	+.000	+2,328.601	+.000	+15,270.036
47	+.000	+.000	+.000	+2,220.528	+.000	+14,561.335
48	+.000	+.000	+.000	+2,114.968	+.000	+13,869.116

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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	+64.610	+1,252.000	-1,278.759	+.000
02	+.000	+.000	+65.559	+1,270.400	-1,297.552	+.000
03	+.000	+.000	+65.312	+1,265.600	-1,292.650	+.000
04	+.000	+.000	+63.825	+1,236.800	-1,263.234	+.000
05	+.000	+.000	+63.908	+1,238.400	-1,264.868	+.000
06	+.000	+.000	+63.082	+1,222.400	-1,248.526	+.000
07	+.000	+.000	+62.835	+1,217.600	-1,243.624	+.000
08	+.000	+.000	+62.380	+1,208.800	-1,234.636	+.000
09	+.000	+.000	+62.133	+1,204.000	-1,229.733	+.000
10	+.000	+.000	+62.546	+1,212.000	-1,237.904	+.000
11	+.000	+.000	+64.362	+1,247.200	-1,273.856	+.000
12	+.000	+.000	+67.128	+1,300.800	-1,328.602	+.000
13	+.000	+.000	+74.601	+1,445.600	-1,476.497	+.000
14	+.000	+.000	+82.940	+1,607.200	-1,641.550	+.000
15	+.000	+.000	+92.642	+1,795.200	-1,833.569	+.000
16	+.000	+.000	+97.018	+1,880.000	-1,920.181	+.000
17	+.000	+.000	+97.183	+1,883.200	-1,923.449	+.000
18	+.000	+.000	+97.100	+1,881.600	-1,921.815	+.000
19	+.000	+.000	+97.678	+1,892.800	-1,933.255	+.000
20	+.000	+.000	+96.894	+1,877.600	-1,917.730	+.000
21	+.000	+.000	+95.655	+1,853.600	-1,893.217	+.000
22	+.000	+.000	+94.871	+1,838.400	-1,877.692	+.000
23	+.000	+.000	+93.798	+1,817.600	-1,856.447	+.000
24	+.000	+.000	+93.261	+1,807.200	-1,845.825	+.000
25	+.000	+.000	+93.096	+1,804.000	-1,842.557	+.000
26	+.000	+.000	+92.889	+1,800.000	-1,838.471	+.000
27	+.000	+.000	+93.178	+1,805.600	-1,844.191	+.000
28	+.000	+.000	+93.385	+1,809.600	-1,848.276	+.000
29	+.000	+.000	+94.582	+1,832.800	-1,871.972	+.000
30	+.000	+.000	+95.573	+1,852.000	-1,891.583	+.000
31	+.000	+.000	+96.481	+1,869.600	-1,909.559	+.000
32	+.000	+.000	+99.082	+1,920.000	-1,961.036	+.000
33	+.000	+.000	+102.137	+1,979.200	-2,021.501	+.000
34	+.000	+.000	+104.490	+2,024.800	-2,068.076	+.000
35	+.000	+.000	+105.522	+2,044.800	-2,088.503	+.000
36	+.000	+.000	+104.903	+2,032.800	-2,076.247	+.000
37	+.000	+.000	+103.376	+2,003.200	-2,046.014	+.000
38	+.000	+.000	+103.045	+1,996.800	-2,039.477	+.000
39	+.000	+.000	+102.137	+1,979.200	-2,021.501	+.000
40	+.000	+.000	+100.197	+1,941.600	-1,983.098	+.000
41	+.000	+.000	+95.779	+1,856.000	-1,895.668	+.000
42	+.000	+.000	+92.889	+1,800.000	-1,838.471	+.000

43	+.000	+.000	+89.545	+1,735.200	-1,772.286	+.000
44	+.000	+.000	+85.169	+1,650.400	-1,685.674	+.000
45	+.000	+.000	+80.669	+1,563.200	-1,596.610	+.000
46	+.000	+.000	+76.500	+1,482.400	-1,514.083	+.000
47	+.000	+.000	+72.949	+1,413.600	-1,443.813	+.000
48	+.000	+.000	+69.481	+1,346.400	-1,375.176	+.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	+60,540.393
02	+ .000	+63,891.865
03	+ .000	+62,165.322
04	+ .000	+51,422.176
05	+ .000	+50,501.664
06	+ .000	+46,909.868
07	+ .000	+50,232.405
08	+ .000	+53,991.619
09	+ .000	+45,875.136
10	+ .000	+48,334.484
11	+ .000	+60,598.480
12	+ .000	+51,603.878
13	+ .000	+54,722.976
14	+ .000	+45,278.399
15	+ .000	+60,294.201
16	+ .000	+71,477.171
17	+ .000	+86,974.636
18	+ .000	+71,918.888
19	+ .000	+64,562.091
20	+ .000	+65,725.255
21	+ .000	+64,619.431
22	+ .000	+54,541.045
23	+ .000	+38,721.377
24	+ .000	+24,240.312
25	+ .000	+32,672.657
26	+ .000	+42,563.053
27	+ .000	+33,039.065
28	+ .000	+29,650.649
29	+ .000	+39,135.313
30	+ .000	+43,261.084
31	+ .000	+39,641.467
32	+ .000	+55,692.050
33	+ .000	+84,571.769
34	+ .000	+97,334.159
35	+ .000	+99,447.249
36	+ .000	+95,278.237
37	+ .000	+86,430.062
38	+ .000	+81,653.562
39	+ .000	+74,732.219
40	+ .000	+66,405.017
41	+ .000	+66,230.778
42	+ .000	+54,003.213

43	+.000	+44,088.243
44	+.000	+34,719.113
45	+.000	+35,903.436
46	+.000	+44,762.460
47	+.000	+58,266.045
48	+.000	+46,189.828