

Date: 10/12/2019

Settlement Day:16/11/2019

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: 230

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+ .000	+ .000
Daily Cashflow SO RR	+ .000	+ .000
Daily Total SO Cashflow	+1,002,996.140	+383,174,777.360
Balancing Services Contract Cost	+751,707.972	+204,436,848.569
Balancing Services Cost Variable	+409,773.220	+98,746,183.295
ESO Incentive Recovery Costs	+ .000	+7,000,000.000
Black Start Capital Costs	+ .000	+ .000
Black Start Testing Costs	+ .000	+ .000
Black Start Availability Costs	+126,506.440	+26,910,163.436
Black Start Other Costs	+ .000	+ .000
System Operator Internal Costs	+824,071.040	+189,536,339.200
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
EMR Incentive Revenue	+4,128.420	+949,536.600
ESO Incentive Recovery t-1	+80,000.000	+3,120,000.000
ALoMCP Recovery	-81,709.830	-3,186,683.370
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+824,071.040	+189,536,339.200
Total External Costs	+2,293,402.362	+721,150,825.890
Total Adjusted Energy Volume (MWh)	+1,439,117.798	

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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	+24,151.972	+62,140.844	+2.57291
02	+24,226.772	+74,022.909	+3.05542
03	+23,842.472	+71,894.006	+3.01538
04	+23,489.514	+67,499.500	+2.87360
05	+23,730.245	+64,041.120	+2.69871
06	+23,650.361	+56,777.647	+2.40071
07	+23,296.286	+48,794.758	+2.09453
08	+22,909.022	+47,941.298	+2.09268
09	+22,824.730	+47,248.726	+2.07007
10	+22,710.598	+47,417.340	+2.08789
11	+22,762.191	+47,799.168	+2.09994
12	+23,194.309	+50,006.199	+2.15597
13	+23,670.092	+57,086.841	+2.41177
14	+24,867.786	+60,553.346	+2.43501
15	+26,929.435	+70,560.273	+2.62019
16	+27,964.166	+70,724.390	+2.52911
17	+29,625.717	+78,630.556	+2.65413
18	+30,956.426	+80,566.904	+2.60259
19	+31,984.049	+59,774.534	+1.86889
20	+32,456.009	+60,058.076	+1.85045
21	+32,867.970	+56,305.060	+1.71307
22	+32,735.453	+60,460.797	+1.84695
23	+32,664.151	+57,436.952	+1.75841
24	+32,884.230	+61,190.917	+1.86080
25	+33,114.443	+61,371.680	+1.85332
26	+32,966.904	+60,262.240	+1.82796
27	+33,056.147	+56,424.942	+1.70694
28	+33,055.673	+54,082.972	+1.63612
29	+33,362.263	+63,863.840	+1.91425
30	+33,737.103	+61,706.413	+1.82904
31	+34,201.319	+56,211.065	+1.64354
32	+34,847.136	+61,357.475	+1.76076
33	+36,112.576	+78,873.294	+2.18409
34	+37,355.051	+89,459.907	+2.39485
35	+37,748.966	+93,823.767	+2.48547
36	+37,550.060	+87,839.258	+2.33926
37	+37,064.211	+86,933.949	+2.34550
38	+36,731.018	+78,853.907	+2.14679
39	+36,063.702	+83,459.893	+2.31424
40	+34,846.633	+75,561.435	+2.16840
41	+33,905.077	+68,960.047	+2.03392
42	+32,646.284	+60,528.818	+1.85408

43	+31,521.630	+65,928.369	+2.09153
44	+30,203.712	+59,908.838	+1.98349
45	+29,290.236	+69,219.977	+2.36324
46	+28,226.879	+59,860.356	+2.12069
47	+26,047.777	+58,286.843	+2.23769
48	+25,069.042	+65,710.814	+2.62119

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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	+0.01678	+0.00	+0.00	+27,616.36	+12,613.660	+5,919.550
02	+0.01683	+0.00	+0.00	+39,413.19	+12,651.245	+5,919.550
03	+0.01657	+0.00	+0.00	+38,410.71	+12,455.801	+5,236.350
04	+0.01632	+0.00	+0.00	+34,442.38	+12,267.874	+5,236.350
05	+0.01649	+0.00	+0.00	+30,650.40	+12,395.664	+5,280.150
06	+0.01643	+0.00	+0.00	+23,489.21	+12,350.562	+5,280.150
07	+0.01619	+0.00	+0.00	+17,333.10	+12,170.152	+3,862.500
08	+0.01592	+0.00	+0.00	+16,939.91	+11,967.191	+3,862.500
09	+0.01586	+0.00	+0.00	+14,751.87	+11,922.088	+5,460.250
10	+0.01578	+0.00	+0.00	+15,056.86	+11,861.952	+5,460.250
11	+0.01582	+0.00	+0.00	+15,390.50	+11,892.020	+5,440.250
12	+0.01612	+0.00	+0.00	+17,086.12	+12,117.533	+5,440.250
13	+0.01645	+0.00	+0.00	+17,444.77	+12,365.596	+11,599.690
14	+0.01728	+0.00	+0.00	+19,496.37	+12,989.514	+11,599.690
15	+0.01871	+0.00	+0.00	+22,183.82	+14,064.456	+16,481.440
16	+0.01943	+0.00	+0.00	+21,120.55	+14,605.686	+16,481.440
17	+0.02059	+0.00	+0.00	+25,436.26	+15,477.667	+18,094.440
18	+0.02151	+0.00	+0.00	+25,804.28	+16,169.238	+18,094.440
19	+0.02222	+0.00	+0.00	+16,516.07	+16,702.951	+5,379.940
20	+0.02255	+0.00	+0.00	+16,237.06	+16,951.015	+5,379.940
21	+0.02284	+0.00	+0.00	+11,989.68	+17,169.010	+5,379.940
22	+0.02275	+0.00	+0.00	+16,298.84	+17,101.356	+5,379.940
23	+0.02270	+0.00	+0.00	+13,360.23	+17,063.771	+5,379.940
24	+0.02285	+0.00	+0.00	+16,858.49	+17,176.527	+5,379.940
25	+0.02301	+0.00	+0.00	+16,766.50	+17,296.800	+5,379.940
26	+0.02291	+0.00	+0.00	+15,827.53	+17,221.630	+5,379.940
27	+0.02297	+0.00	+0.00	+17,267.89	+17,266.732	+0.000
28	+0.02297	+0.00	+0.00	+14,925.92	+17,266.732	+0.000
29	+0.02318	+0.00	+0.00	+24,348.80	+17,424.591	+0.000
30	+0.02344	+0.00	+0.00	+21,748.15	+17,620.035	+0.000
31	+0.02377	+0.00	+0.00	+15,690.25	+17,868.098	+0.000
32	+0.02421	+0.00	+0.00	+20,086.59	+18,198.850	+0.000
33	+0.02509	+0.00	+0.00	+30,722.33	+18,860.353	+5,379.940
34	+0.02596	+0.00	+0.00	+39,825.85	+19,514.339	+5,379.940
35	+0.02623	+0.00	+0.00	+43,729.44	+19,717.300	+5,379.940
36	+0.02609	+0.00	+0.00	+37,983.59	+19,612.061	+5,379.940
37	+0.02575	+0.00	+0.00	+37,657.88	+19,356.480	+5,379.940
38	+0.02552	+0.00	+0.00	+29,969.92	+19,183.587	+5,379.940
39	+0.02506	+0.00	+0.00	+35,360.07	+18,837.802	+5,379.940
40	+0.02421	+0.00	+0.00	+14,510.61	+18,198.850	+19,779.940
41	+0.02356	+0.00	+0.00	+9,017.28	+17,710.240	+19,779.940
42	+0.02268	+0.00	+0.00	+7,466.13	+17,048.737	+14,400.000

43	+0.02190	+.00	+.00	+14,195.35	+16,462.405	+14,400.000
44	+0.02099	+.00	+.00	+9,727.10	+15,778.350	+14,400.000
45	+0.02035	+.00	+.00	+20,129.25	+15,297.257	+14,400.000
46	+0.01961	+.00	+.00	+12,031.11	+14,740.993	+14,400.000
47	+0.01810	+.00	+.00	-3,950.80	+13,605.914	+31,382.500
48	+0.01742	+.00	+.00	+4,632.37	+13,094.753	+31,382.500

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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	+2,122.778	+0.000	+13,827.912
02	+0.000	+0.000	+0.000	+2,129.103	+0.000	+13,869.116
03	+0.000	+0.000	+0.000	+2,096.212	+0.000	+13,654.857
04	+0.000	+0.000	+0.000	+2,064.585	+0.000	+13,448.839
05	+0.000	+0.000	+0.000	+2,086.091	+0.000	+13,588.931
06	+0.000	+0.000	+0.000	+2,078.501	+0.000	+13,539.487
07	+0.000	+0.000	+0.000	+2,048.139	+0.000	+13,341.710
08	+0.000	+0.000	+0.000	+2,013.983	+0.000	+13,119.211
09	+0.000	+0.000	+0.000	+2,006.392	+0.000	+13,069.767
10	+0.000	+0.000	+0.000	+1,996.272	+0.000	+13,003.841
11	+0.000	+0.000	+0.000	+2,001.332	+0.000	+13,036.804
12	+0.000	+0.000	+0.000	+2,039.284	+0.000	+13,284.025
13	+0.000	+0.000	+0.000	+2,081.031	+0.000	+13,555.969
14	+0.000	+0.000	+0.000	+2,186.031	+0.000	+14,239.948
15	+0.000	+0.000	+0.000	+2,366.935	+0.000	+15,418.369
16	+0.000	+0.000	+0.000	+2,458.020	+0.000	+16,011.700
17	+0.000	+0.000	+0.000	+2,604.768	+0.000	+16,967.623
18	+0.000	+0.000	+0.000	+2,721.154	+0.000	+17,725.768
19	+0.000	+0.000	+0.000	+2,810.973	+0.000	+18,310.859
20	+0.000	+0.000	+0.000	+2,852.720	+0.000	+18,582.802
21	+0.000	+0.000	+0.000	+2,889.407	+0.000	+18,821.783
22	+0.000	+0.000	+0.000	+2,878.022	+0.000	+18,747.616
23	+0.000	+0.000	+0.000	+2,871.696	+0.000	+18,706.413
24	+0.000	+0.000	+0.000	+2,890.672	+0.000	+18,830.023
25	+0.000	+0.000	+0.000	+2,910.913	+0.000	+18,961.875
26	+0.000	+0.000	+0.000	+2,898.263	+0.000	+18,879.468
27	+0.000	+0.000	+0.000	+2,905.853	+0.000	+18,928.912
28	+0.000	+0.000	+0.000	+2,905.853	+0.000	+18,928.912
29	+0.000	+0.000	+0.000	+2,932.419	+0.000	+19,101.967
30	+0.000	+0.000	+0.000	+2,965.311	+0.000	+19,316.225
31	+0.000	+0.000	+0.000	+3,007.058	+0.000	+19,588.169
32	+0.000	+0.000	+0.000	+3,062.721	+0.000	+19,950.760
33	+0.000	+0.000	+0.000	+3,174.047	+0.000	+20,675.942
34	+0.000	+0.000	+0.000	+3,284.107	+0.000	+21,392.884
35	+0.000	+0.000	+0.000	+3,318.264	+0.000	+21,615.383
36	+0.000	+0.000	+0.000	+3,300.553	+0.000	+21,500.013
37	+0.000	+0.000	+0.000	+3,257.541	+0.000	+21,219.829
38	+0.000	+0.000	+0.000	+3,228.444	+0.000	+21,030.293
39	+0.000	+0.000	+0.000	+3,170.251	+0.000	+20,651.220
40	+0.000	+0.000	+0.000	+3,062.721	+0.000	+19,950.760
41	+0.000	+0.000	+0.000	+2,980.492	+0.000	+19,415.114
42	+0.000	+0.000	+0.000	+2,869.166	+0.000	+18,689.931

43	+.000	+.000	+.000	+2,770.491	+.000	+18,047.156
44	+.000	+.000	+.000	+2,655.370	+.000	+17,297.251
45	+.000	+.000	+.000	+2,574.406	+.000	+16,769.846
46	+.000	+.000	+.000	+2,480.791	+.000	+16,160.033
47	+.000	+.000	+.000	+2,289.767	+.000	+14,915.686
48	+.000	+.000	+.000	+2,203.742	+.000	+14,355.318

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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	+69.275	+1,342.400	-1,371.091	+.000
02	+.000	+.000	+69.481	+1,346.400	-1,375.176	+.000
03	+.000	+.000	+68.408	+1,325.600	-1,353.932	+.000
04	+.000	+.000	+67.376	+1,305.600	-1,333.504	+.000
05	+.000	+.000	+68.078	+1,319.200	-1,347.395	+.000
06	+.000	+.000	+67.830	+1,314.400	-1,342.493	+.000
07	+.000	+.000	+66.839	+1,295.200	-1,322.882	+.000
08	+.000	+.000	+65.724	+1,273.600	-1,300.820	+.000
09	+.000	+.000	+65.477	+1,268.800	-1,295.918	+.000
10	+.000	+.000	+65.146	+1,262.400	-1,289.381	+.000
11	+.000	+.000	+65.312	+1,265.600	-1,292.650	+.000
12	+.000	+.000	+66.550	+1,289.600	-1,317.162	+.000
13	+.000	+.000	+67.913	+1,316.000	-1,344.127	+.000
14	+.000	+.000	+71.339	+1,382.400	-1,411.946	+.000
15	+.000	+.000	+77.243	+1,496.800	-1,528.791	+.000
16	+.000	+.000	+80.215	+1,554.400	-1,587.622	+.000
17	+.000	+.000	+85.004	+1,647.200	-1,682.405	+.000
18	+.000	+.000	+88.802	+1,720.800	-1,757.578	+.000
19	+.000	+.000	+91.733	+1,777.600	-1,815.592	+.000
20	+.000	+.000	+93.096	+1,804.000	-1,842.557	+.000
21	+.000	+.000	+94.293	+1,827.200	-1,866.253	+.000
22	+.000	+.000	+93.922	+1,820.000	-1,858.899	+.000
23	+.000	+.000	+93.715	+1,816.000	-1,854.813	+.000
24	+.000	+.000	+94.334	+1,828.000	-1,867.070	+.000
25	+.000	+.000	+94.995	+1,840.800	-1,880.143	+.000
26	+.000	+.000	+94.582	+1,832.800	-1,871.972	+.000
27	+.000	+.000	+94.830	+1,837.600	-1,876.875	+.000
28	+.000	+.000	+94.830	+1,837.600	-1,876.875	+.000
29	+.000	+.000	+95.697	+1,854.400	-1,894.034	+.000
30	+.000	+.000	+96.770	+1,875.200	-1,915.278	+.000
31	+.000	+.000	+98.133	+1,901.600	-1,942.243	+.000
32	+.000	+.000	+99.949	+1,936.800	-1,978.195	+.000
33	+.000	+.000	+103.582	+2,007.200	-2,050.100	+.000
34	+.000	+.000	+107.174	+2,076.800	-2,121.187	+.000
35	+.000	+.000	+108.288	+2,098.400	-2,143.249	+.000
36	+.000	+.000	+107.710	+2,087.200	-2,131.809	+.000
37	+.000	+.000	+106.307	+2,060.000	-2,104.028	+.000
38	+.000	+.000	+105.357	+2,041.600	-2,085.235	+.000
39	+.000	+.000	+103.458	+2,004.800	-2,047.648	+.000
40	+.000	+.000	+99.949	+1,936.800	-1,978.195	+.000
41	+.000	+.000	+97.266	+1,884.800	-1,925.084	+.000
42	+.000	+.000	+93.633	+1,814.400	-1,853.179	+.000

43	+.000	+.000	+90.412	+1,752.000	-1,789.445	+.000
44	+.000	+.000	+86.656	+1,679.200	-1,715.089	+.000
45	+.000	+.000	+84.013	+1,628.000	-1,662.795	+.000
46	+.000	+.000	+80.958	+1,568.800	-1,602.330	+.000
47	+.000	+.000	+74.724	+1,448.000	-1,478.948	+.000
48	+.000	+.000	+71.917	+1,393.600	-1,423.385	+.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	+62,140.844
02	+ .000	+74,022.909
03	+ .000	+71,894.006
04	+ .000	+67,499.500
05	+ .000	+64,041.120
06	+ .000	+56,777.647
07	+ .000	+48,794.758
08	+ .000	+47,941.298
09	+ .000	+47,248.726
10	+ .000	+47,417.340
11	+ .000	+47,799.168
12	+ .000	+50,006.199
13	+ .000	+57,086.841
14	+ .000	+60,553.346
15	+ .000	+70,560.273
16	+ .000	+70,724.390
17	+ .000	+78,630.556
18	+ .000	+80,566.904
19	+ .000	+59,774.534
20	+ .000	+60,058.076
21	+ .000	+56,305.060
22	+ .000	+60,460.797
23	+ .000	+57,436.952
24	+ .000	+61,190.917
25	+ .000	+61,371.680
26	+ .000	+60,262.240
27	+ .000	+56,424.942
28	+ .000	+54,082.972
29	+ .000	+63,863.840
30	+ .000	+61,706.413
31	+ .000	+56,211.065
32	+ .000	+61,357.475
33	+ .000	+78,873.294
34	+ .000	+89,459.907
35	+ .000	+93,823.767
36	+ .000	+87,839.258
37	+ .000	+86,933.949
38	+ .000	+78,853.907
39	+ .000	+83,459.893
40	+ .000	+75,561.435
41	+ .000	+68,960.047
42	+ .000	+60,528.818

43	+.000	+65,928.369
44	+.000	+59,908.838
45	+.000	+69,219.977
46	+.000	+59,860.356
47	+.000	+58,286.843
48	+.000	+65,710.814