

Date: 09/01/2020

Settlement Day:31/12/2019

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: 275

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,278,589.670	+86,727,115.710
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,265,928.520	+491,759,244.200
Balancing Services Contract Cost	+865,661.660	+202,549,550.376
Balancing Services Cost Variable	+201,240.990	+119,204,602.465
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	+33,902,095.828
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+226,619,536.000
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,135,315.500
ESO Incentive Recovery t-1	+0.000	+3,920,000.000
ALoMCP Recovery	-81,709.830	-5,637,978.270
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+226,619,536.000
Total External Costs	+2,378,537.431	+854,414,797.949
Total Adjusted Energy Volume (MWh)	+1,352,076.370	

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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	+22,835.534	+59,065.414	+2.58656
02	+22,827.695	+56,836.930	+2.48982
03	+22,457.510	+68,230.491	+3.03820
04	+21,984.147	+65,530.498	+2.98081
05	+21,504.447	+67,686.879	+3.14758
06	+21,171.965	+68,271.934	+3.22464
07	+20,902.031	+61,289.786	+2.93224
08	+20,740.788	+59,707.014	+2.87872
09	+20,704.905	+62,614.110	+3.02412
10	+20,617.594	+55,925.204	+2.71250
11	+20,695.245	+60,715.130	+2.93377
12	+21,109.073	+66,296.962	+3.14069
13	+22,672.618	+77,610.561	+3.42310
14	+23,935.962	+77,882.710	+3.25379
15	+26,128.495	+68,472.181	+2.62059
16	+27,240.900	+61,694.585	+2.26478
17	+28,284.100	+63,957.193	+2.26124
18	+29,605.318	+65,514.343	+2.21292
19	+30,673.380	+71,618.470	+2.33487
20	+31,402.721	+69,097.467	+2.20037
21	+32,091.475	+72,517.207	+2.25970
22	+32,415.650	+70,018.032	+2.16001
23	+32,530.438	+63,833.681	+1.96228
24	+32,518.017	+66,316.357	+2.03937
25	+32,607.071	+68,789.508	+2.10965
26	+32,418.076	+63,780.326	+1.96743
27	+32,317.088	+50,857.611	+1.57371
28	+32,371.515	+49,287.679	+1.52256
29	+32,693.771	+55,234.644	+1.68945
30	+32,710.763	+58,281.988	+1.78174
31	+32,963.527	+67,803.692	+2.05693
32	+33,166.096	+73,838.378	+2.22632
33	+34,100.858	+78,809.681	+2.31108
34	+35,367.180	+89,570.193	+2.53258
35	+36,004.650	+87,826.500	+2.43931
36	+35,563.603	+83,355.735	+2.34385
37	+34,838.134	+81,551.442	+2.34087
38	+33,984.739	+72,464.545	+2.13227
39	+32,776.324	+64,285.720	+1.96135
40	+31,446.369	+51,988.420	+1.65324
41	+29,921.200	+48,548.984	+1.62256
42	+28,458.430	+47,592.110	+1.67234

43	+27,302.170	+72,856.093	+2.66851
44	+26,142.390	+70,843.935	+2.70993
45	+25,785.842	+74,301.671	+2.88149
46	+25,028.862	+67,561.955	+2.69936
47	+23,819.794	+66,102.964	+2.77513
48	+23,237.910	+76,371.556	+3.28651

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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	+0.01689	+26,733.40	+0.00	+26,535.35	+14,621.025	+3,218.500
02	+0.01688	+24,384.47	+0.00	+24,324.22	+14,612.369	+3,218.500
03	+0.01661	+35,116.38	+0.00	+34,963.35	+14,378.640	+4,441.500
04	+0.01626	+33,013.24	+0.00	+32,870.76	+14,075.659	+4,441.500
05	+0.01590	+36,456.22	+0.00	+36,295.90	+13,764.020	+3,797.500
06	+0.01566	+37,485.55	+0.00	+37,297.46	+13,556.262	+3,797.500
07	+0.01546	+30,082.07	+0.00	+29,928.40	+13,383.129	+4,531.500
08	+0.01534	+28,617.64	+0.00	+28,553.88	+13,279.250	+4,531.500
09	+0.01531	+30,955.92	+0.00	+30,820.79	+13,253.280	+5,223.750
10	+0.01525	+24,747.30	+0.00	+24,236.01	+13,201.340	+5,223.750
11	+0.01531	+32,963.73	+0.00	+29,807.06	+13,253.280	+4,338.500
12	+0.01561	+34,983.33	+0.00	+34,868.26	+13,512.979	+4,338.500
13	+0.01677	+36,035.22	+0.00	+35,579.82	+14,517.146	+12,927.430
14	+0.01770	+34,992.09	+0.00	+34,238.01	+15,322.211	+12,927.430
15	+0.01932	+30,129.10	+0.00	+29,653.57	+16,724.583	+5,289.930
16	+0.02015	+21,539.52	+0.00	+21,435.56	+17,443.082	+5,289.930
17	+0.02092	+22,510.44	+0.00	+22,361.88	+18,109.642	+5,289.930
18	+0.02190	+22,269.68	+0.00	+22,218.30	+18,957.990	+5,289.930
19	+0.02269	+28,099.43	+0.00	+27,459.93	+19,641.863	+4,781.430
20	+0.02323	+24,812.23	+0.00	+24,001.79	+20,109.320	+4,781.430
21	+0.02373	+26,748.95	+0.00	+26,553.81	+20,542.151	+4,781.430
22	+0.02397	+23,911.18	+0.00	+23,638.13	+20,749.910	+4,781.430
23	+0.02406	+17,453.64	+0.00	+17,297.59	+20,827.820	+4,781.430
24	+0.02405	+19,871.86	+0.00	+19,797.62	+20,819.163	+4,781.430
25	+0.02412	+22,218.61	+0.00	+22,149.29	+20,879.759	+4,781.430
26	+0.02398	+17,431.64	+0.00	+17,383.07	+20,758.567	+4,781.430
27	+0.02390	+9,429.71	+0.00	+9,380.62	+20,689.314	+0.000
28	+0.02394	+7,970.32	+0.00	+7,741.27	+20,723.940	+0.000
29	+0.02418	+13,454.21	+0.00	+13,271.73	+20,931.699	+0.000
30	+0.02419	+16,379.76	+0.00	+16,301.72	+20,940.356	+0.000
31	+0.02438	+25,697.74	+0.00	+25,493.69	+21,104.831	+0.000
32	+0.02453	+31,494.65	+0.00	+31,268.06	+21,234.681	+0.000
33	+0.02522	+30,551.73	+0.00	+30,260.48	+21,831.987	+4,781.430
34	+0.02616	+39,443.93	+0.00	+39,389.68	+22,645.709	+4,781.430
35	+0.02663	+36,868.21	+0.00	+36,830.33	+23,052.570	+4,781.430
36	+0.02630	+33,129.42	+0.00	+32,932.26	+22,766.902	+4,781.430
37	+0.02577	+32,196.74	+0.00	+32,047.75	+22,308.101	+4,781.430
38	+0.02514	+24,182.48	+0.00	+24,054.18	+21,762.734	+4,781.430
39	+0.02424	+17,617.33	+0.00	+17,437.25	+20,983.639	+4,781.430
40	+0.02326	+6,845.60	+0.00	+6,840.68	+20,135.290	+4,781.430
41	+0.02213	+5,367.16	+0.00	+5,362.29	+19,157.093	+4,781.430
42	+0.02105	+11,151.84	+0.00	+11,061.12	+18,222.178	+0.000

43	+0.02019	+30,933.15	+.00	+30,890.08	+17,477.709	+6,927.500
44	+0.01933	+30,449.17	+.00	+30,370.40	+16,733.240	+6,927.500
45	+0.01907	+35,097.44	+.00	+34,279.35	+16,508.168	+6,927.500
46	+0.01851	+28,741.11	+.00	+28,511.48	+16,023.397	+6,927.500
47	+0.01762	+38,479.44	+.00	+38,459.73	+15,252.958	-2,935.200
48	+0.01719	+49,545.69	+.00	+49,474.56	+14,880.724	-2,935.200

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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	+2,082.329	+0.000	+13,918.560
02	+0.000	+0.000	+0.000	+2,081.096	+0.000	+13,910.319
03	+0.000	+0.000	+0.000	+2,047.808	+0.000	+13,687.820
04	+0.000	+0.000	+0.000	+2,004.658	+0.000	+13,399.395
05	+0.000	+0.000	+0.000	+1,960.274	+0.000	+13,102.730
06	+0.000	+0.000	+0.000	+1,930.685	+0.000	+12,904.952
07	+0.000	+0.000	+0.000	+1,906.027	+0.000	+12,740.138
08	+0.000	+0.000	+0.000	+1,891.233	+0.000	+12,641.250
09	+0.000	+0.000	+0.000	+1,887.534	+0.000	+12,616.528
10	+0.000	+0.000	+0.000	+1,880.137	+0.000	+12,567.083
11	+0.000	+0.000	+0.000	+1,887.534	+0.000	+12,616.528
12	+0.000	+0.000	+0.000	+1,924.521	+0.000	+12,863.749
13	+0.000	+0.000	+0.000	+2,067.534	+0.000	+13,819.671
14	+0.000	+0.000	+0.000	+2,182.192	+0.000	+14,586.057
15	+0.000	+0.000	+0.000	+2,381.918	+0.000	+15,921.052
16	+0.000	+0.000	+0.000	+2,484.247	+0.000	+16,605.031
17	+0.000	+0.000	+0.000	+2,579.178	+0.000	+17,239.566
18	+0.000	+0.000	+0.000	+2,700.000	+0.000	+18,047.156
19	+0.000	+0.000	+0.000	+2,797.397	+0.000	+18,698.172
20	+0.000	+0.000	+0.000	+2,863.973	+0.000	+19,143.170
21	+0.000	+0.000	+0.000	+2,925.616	+0.000	+19,555.206
22	+0.000	+0.000	+0.000	+2,955.205	+0.000	+19,752.983
23	+0.000	+0.000	+0.000	+2,966.301	+0.000	+19,827.149
24	+0.000	+0.000	+0.000	+2,965.068	+0.000	+19,818.909
25	+0.000	+0.000	+0.000	+2,973.699	+0.000	+19,876.593
26	+0.000	+0.000	+0.000	+2,956.438	+0.000	+19,761.224
27	+0.000	+0.000	+0.000	+2,946.575	+0.000	+19,695.298
28	+0.000	+0.000	+0.000	+2,951.507	+0.000	+19,728.261
29	+0.000	+0.000	+0.000	+2,981.096	+0.000	+19,926.038
30	+0.000	+0.000	+0.000	+2,982.329	+0.000	+19,934.278
31	+0.000	+0.000	+0.000	+3,005.753	+0.000	+20,090.852
32	+0.000	+0.000	+0.000	+3,024.247	+0.000	+20,214.463
33	+0.000	+0.000	+0.000	+3,109.315	+0.000	+20,783.072
34	+0.000	+0.000	+0.000	+3,225.205	+0.000	+21,557.698
35	+0.000	+0.000	+0.000	+3,283.151	+0.000	+21,945.012
36	+0.000	+0.000	+0.000	+3,242.466	+0.000	+21,673.068
37	+0.000	+0.000	+0.000	+3,177.123	+0.000	+21,236.311
38	+0.000	+0.000	+0.000	+3,099.452	+0.000	+20,717.146
39	+0.000	+0.000	+0.000	+2,988.493	+0.000	+19,975.482
40	+0.000	+0.000	+0.000	+2,867.671	+0.000	+19,167.892
41	+0.000	+0.000	+0.000	+2,728.356	+0.000	+18,236.692
42	+0.000	+0.000	+0.000	+2,595.205	+0.000	+17,346.695

43	+.000	+.000	+.000	+2,489.178	+.000	+16,637.994
44	+.000	+.000	+.000	+2,383.151	+.000	+15,929.293
45	+.000	+.000	+.000	+2,351.096	+.000	+15,715.035
46	+.000	+.000	+.000	+2,282.055	+.000	+15,253.555
47	+.000	+.000	+.000	+2,172.329	+.000	+14,520.132
48	+.000	+.000	+.000	+2,119.315	+.000	+14,165.781

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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	+69.729	+.000	-1,380.079	+.000
02	+.000	+.000	+69.688	+.000	-1,379.262	+.000
03	+.000	+.000	+68.573	+.000	-1,357.200	+.000
04	+.000	+.000	+67.128	+.000	-1,328.602	+.000
05	+.000	+.000	+65.642	+.000	-1,299.186	+.000
06	+.000	+.000	+64.651	+.000	-1,279.576	+.000
07	+.000	+.000	+63.825	+.000	-1,263.234	+.000
08	+.000	+.000	+63.330	+.000	-1,253.429	+.000
09	+.000	+.000	+63.206	+.000	-1,250.977	+.000
10	+.000	+.000	+62.958	+.000	-1,246.075	+.000
11	+.000	+.000	+63.206	+.000	-1,250.977	+.000
12	+.000	+.000	+64.445	+.000	-1,275.490	+.000
13	+.000	+.000	+69.234	+.000	-1,370.274	+.000
14	+.000	+.000	+73.073	+.000	-1,446.264	+.000
15	+.000	+.000	+79.761	+.000	-1,578.634	+.000
16	+.000	+.000	+83.188	+.000	-1,646.453	+.000
17	+.000	+.000	+86.367	+.000	-1,709.370	+.000
18	+.000	+.000	+90.412	+.000	-1,789.445	+.000
19	+.000	+.000	+93.674	+.000	-1,853.996	+.000
20	+.000	+.000	+95.903	+.000	-1,898.119	+.000
21	+.000	+.000	+97.967	+.000	-1,938.974	+.000
22	+.000	+.000	+98.958	+.000	-1,958.585	+.000
23	+.000	+.000	+99.330	+.000	-1,965.939	+.000
24	+.000	+.000	+99.289	+.000	-1,965.121	+.000
25	+.000	+.000	+99.577	+.000	-1,970.841	+.000
26	+.000	+.000	+99.000	+.000	-1,959.402	+.000
27	+.000	+.000	+98.669	+.000	-1,952.865	+.000
28	+.000	+.000	+98.834	+.000	-1,956.133	+.000
29	+.000	+.000	+99.825	+.000	-1,975.744	+.000
30	+.000	+.000	+99.866	+.000	-1,976.561	+.000
31	+.000	+.000	+100.651	+.000	-1,992.086	+.000
32	+.000	+.000	+101.270	+.000	-2,004.342	+.000
33	+.000	+.000	+104.119	+.000	-2,060.722	+.000
34	+.000	+.000	+107.999	+.000	-2,137.529	+.000
35	+.000	+.000	+109.940	+.000	-2,175.933	+.000
36	+.000	+.000	+108.577	+.000	-2,148.969	+.000
37	+.000	+.000	+106.389	+.000	-2,105.662	+.000
38	+.000	+.000	+103.788	+.000	-2,054.185	+.000
39	+.000	+.000	+100.073	+.000	-1,980.646	+.000
40	+.000	+.000	+96.027	+.000	-1,900.571	+.000
41	+.000	+.000	+91.362	+.000	-1,808.239	+.000
42	+.000	+.000	+86.903	+.000	-1,719.992	+.000

43	+.000	+.000	+83.353	+.000	-1,649.721	+.000
44	+.000	+.000	+79.802	+.000	-1,579.451	+.000
45	+.000	+.000	+78.729	+.000	-1,558.206	+.000
46	+.000	+.000	+76.417	+.000	-1,512.449	+.000
47	+.000	+.000	+72.743	+.000	-1,439.727	+.000
48	+.000	+.000	+70.968	+.000	-1,404.592	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+ .000	+59,065.414
02	+ .000	+56,836.930
03	+ .000	+68,230.491
04	+ .000	+65,530.498
05	+ .000	+67,686.879
06	+ .000	+68,271.934
07	+ .000	+61,289.786
08	+ .000	+59,707.014
09	+ .000	+62,614.110
10	+ .000	+55,925.204
11	+ .000	+60,715.130
12	+ .000	+66,296.962
13	+ .000	+77,610.561
14	+ .000	+77,882.710
15	+ .000	+68,472.181
16	+ .000	+61,694.585
17	+ .000	+63,957.193
18	+ .000	+65,514.343
19	+ .000	+71,618.470
20	+ .000	+69,097.467
21	+ .000	+72,517.207
22	+ .000	+70,018.032
23	+ .000	+63,833.681
24	+ .000	+66,316.357
25	+ .000	+68,789.508
26	+ .000	+63,780.326
27	+ .000	+50,857.611
28	+ .000	+49,287.679
29	+ .000	+55,234.644
30	+ .000	+58,281.988
31	+ .000	+67,803.692
32	+ .000	+73,838.378
33	+ .000	+78,809.681
34	+ .000	+89,570.193
35	+ .000	+87,826.500
36	+ .000	+83,355.735
37	+ .000	+81,551.442
38	+ .000	+72,464.545
39	+ .000	+64,285.720
40	+ .000	+51,988.420
41	+ .000	+48,548.984
42	+ .000	+47,592.110

43	+.000	+72,856.093
44	+.000	+70,843.935
45	+.000	+74,301.671
46	+.000	+67,561.955
47	+.000	+66,102.964
48	+.000	+76,371.556