

Date: 20/01/2020

Settlement Day:23/12/2019

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: 267

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+2,044,395.960	+87,525,937.720
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+2,019,525.160	+471,790,631.250
Balancing Services Contract Cost	+661,494.853	+236,026,292.556
Balancing Services Cost Variable	+271,698.760	+116,408,587.905
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	+122,648.326	+31,506,828.814
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+220,026,967.680
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,102,288.140
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-6,209,947.080
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+220,026,967.680
Total External Costs	+2,997,785.689	+861,864,681.585
Total Adjusted Energy Volume (MWh)	+1,350,475.329	

Date: 20/01/2020

Settlement Day:23/12/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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	+21,739.172	+96,986.008	+4.46135
02	+21,917.809	+99,044.060	+4.51889
03	+21,983.004	+110,223.912	+5.01405
04	+21,531.445	+96,296.397	+4.47236
05	+21,567.153	+97,299.026	+4.51145
06	+21,357.820	+90,616.461	+4.24278
07	+21,353.657	+93,819.545	+4.39361
08	+20,947.518	+89,220.365	+4.25923
09	+20,920.602	+95,696.852	+4.57429
10	+21,047.061	+96,928.999	+4.60535
11	+21,684.418	+110,388.393	+5.09068
12	+22,451.573	+120,313.457	+5.35880
13	+23,928.910	+104,131.653	+4.35171
14	+24,784.094	+95,304.692	+3.84540
15	+26,325.099	+89,300.143	+3.39221
16	+27,815.698	+82,396.926	+2.96225
17	+29,220.080	+77,308.804	+2.64574
18	+30,207.211	+76,798.636	+2.54239
19	+30,811.250	+78,237.761	+2.53926
20	+30,618.948	+68,176.096	+2.22660
21	+30,077.274	+63,267.753	+2.10351
22	+29,506.134	+58,474.917	+1.98179
23	+29,174.009	+56,112.119	+1.92336
24	+29,040.876	+56,469.895	+1.94450
25	+29,586.775	+61,837.525	+2.09004
26	+29,808.878	+68,707.136	+2.30492
27	+30,029.699	+67,592.404	+2.25085
28	+30,426.634	+63,547.117	+2.08854
29	+30,709.625	+57,625.610	+1.87647
30	+31,268.265	+51,727.300	+1.65431
31	+31,918.455	+50,687.203	+1.58802
32	+32,707.426	+62,932.537	+1.92411
33	+34,285.152	+79,632.327	+2.32265
34	+35,494.929	+85,962.050	+2.42181
35	+35,749.411	+82,299.540	+2.30212
36	+35,836.795	+74,782.785	+2.08676
37	+35,603.849	+83,162.191	+2.33576
38	+35,110.284	+76,693.773	+2.18437
39	+34,585.302	+84,471.446	+2.44241
40	+33,751.127	+82,859.934	+2.45503
41	+32,583.528	+77,556.110	+2.38022
42	+31,513.751	+69,935.200	+2.21920

43	+30,341.045	+58,258.879	+1.92013
44	+28,981.098	+61,349.960	+2.11690
45	+27,161.104	+60,853.776	+2.24048
46	+25,655.274	+76,069.833	+2.96508
47	+24,360.021	+94,142.136	+3.86462
48	+22,996.087	+86,357.087	+3.75529

Date: 20/01/2020

Settlement Day:23/12/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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	+0.01610	+63,957.38	+0.00	+63,912.07	+10,650.067	+8,430.750
02	+0.01623	+65,839.13	+0.00	+65,771.14	+10,736.061	+8,430.750
03	+0.01628	+76,135.61	+0.00	+76,105.34	+10,769.136	+9,199.870
04	+0.01594	+62,795.50	+0.00	+62,698.24	+10,544.228	+9,199.870
05	+0.01597	+60,731.54	+0.00	+60,408.62	+10,564.073	+12,446.200
06	+0.01582	+54,127.87	+0.00	+53,955.65	+10,464.849	+12,446.200
07	+0.01581	+57,264.24	+0.00	+57,126.89	+10,458.234	+12,493.350
08	+0.01551	+53,316.26	+0.00	+52,986.90	+10,259.785	+12,493.350
09	+0.01549	+60,351.82	+0.00	+59,792.60	+10,246.555	+12,194.750
10	+0.01558	+61,204.88	+0.00	+60,886.99	+10,306.090	+12,194.750
11	+0.01606	+64,577.14	+0.00	+64,253.93	+10,623.607	+21,552.500
12	+0.01662	+74,224.42	+0.00	+73,321.84	+10,994.044	+21,552.500
13	+0.01772	+72,197.90	+0.00	+71,468.15	+11,721.689	+5,540.690
14	+0.01835	+61,731.27	+0.00	+61,196.89	+12,138.431	+6,020.690
15	+0.01949	+57,348.52	+0.00	+56,623.92	+12,892.535	+2,844.190
16	+0.02060	+52,724.49	+0.00	+47,546.70	+13,626.794	+3,319.190
17	+0.02164	+42,577.94	+0.00	+39,631.27	+14,314.749	+4,554.640
18	+0.02237	+39,752.53	+0.00	+38,003.74	+14,797.640	+4,554.640
19	+0.02282	+38,272.53	+0.00	+37,876.28	+15,095.313	+5,432.440
20	+0.02267	+28,346.15	+0.00	+28,044.21	+14,996.088	+5,432.440
21	+0.02227	+24,002.15	+0.00	+23,748.12	+14,731.490	+5,432.440
22	+0.02185	+19,833.74	+0.00	+19,598.15	+14,453.663	+5,432.440
23	+0.02160	+17,680.52	+0.00	+17,618.01	+14,288.289	+5,432.440
24	+0.02150	+18,170.85	+0.00	+18,128.85	+14,222.139	+5,432.440
25	+0.02191	+22,977.83	+0.00	+22,868.92	+14,493.352	+5,432.440
26	+0.02207	+29,641.29	+0.00	+29,493.63	+14,599.191	+5,432.440
27	+0.02224	+34,071.00	+0.00	+33,551.13	+14,711.646	+0.000
28	+0.02253	+29,412.14	+0.00	+29,061.96	+14,903.479	+0.000
29	+0.02274	+23,144.11	+0.00	+22,819.02	+15,042.393	+0.000
30	+0.02315	+16,609.36	+0.00	+16,293.15	+15,313.606	+0.000
31	+0.02363	+14,687.45	+0.00	+14,518.35	+15,631.123	+0.000
32	+0.02422	+26,569.57	+0.00	+25,860.61	+16,021.405	+0.000
33	+0.02539	+35,635.86	+0.00	+35,337.12	+16,795.354	+5,432.440
34	+0.02628	+41,303.52	+0.00	+40,304.58	+17,384.085	+5,432.440
35	+0.02647	+36,827.72	+0.00	+36,351.25	+17,509.769	+5,432.440
36	+0.02654	+29,097.17	+0.00	+28,727.35	+17,556.073	+5,432.440
37	+0.02636	+38,238.93	+0.00	+37,382.27	+17,437.004	+5,432.440
38	+0.02600	+31,975.70	+0.00	+31,464.88	+17,198.866	+5,432.440
39	+0.02561	+40,129.26	+0.00	+39,839.50	+16,940.883	+5,432.440
40	+0.02499	+39,243.25	+0.00	+39,176.98	+16,530.756	+5,432.440
41	+0.02413	+35,609.78	+0.00	+35,189.50	+15,961.871	+5,432.440
42	+0.02334	+34,567.90	+0.00	+34,210.23	+15,439.290	+0.000

43	+0.02247	+24,067.92	+.00	+23,865.56	+14,863.789	+.000
44	+0.02146	+28,763.67	+.00	+28,502.58	+14,195.680	+.000
45	+0.02011	+29,569.05	+.00	+29,447.65	+13,302.661	+625.100
46	+0.01900	+46,617.95	+.00	+46,362.71	+12,568.402	+625.100
47	+0.01804	+67,379.22	+.00	+67,215.42	+11,933.367	-685.900
48	+0.01703	+61,091.93	+.00	+60,976.31	+11,265.257	-685.900

Date: 20/01/2020

Settlement Day:23/12/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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	+1,974.638	+0.000	+13,267.544
02	+0.000	+0.000	+0.000	+1,990.582	+0.000	+13,374.673
03	+0.000	+0.000	+0.000	+1,996.715	+0.000	+13,415.877
04	+0.000	+0.000	+0.000	+1,955.014	+0.000	+13,135.692
05	+0.000	+0.000	+0.000	+1,958.694	+0.000	+13,160.415
06	+0.000	+0.000	+0.000	+1,940.297	+0.000	+13,036.804
07	+0.000	+0.000	+0.000	+1,939.070	+0.000	+13,028.563
08	+0.000	+0.000	+0.000	+1,902.276	+0.000	+12,781.342
09	+0.000	+0.000	+0.000	+1,899.823	+0.000	+12,764.860
10	+0.000	+0.000	+0.000	+1,910.861	+0.000	+12,839.027
11	+0.000	+0.000	+0.000	+1,969.732	+0.000	+13,234.581
12	+0.000	+0.000	+0.000	+2,038.415	+0.000	+13,696.061
13	+0.000	+0.000	+0.000	+2,173.328	+0.000	+14,602.539
14	+0.000	+0.000	+0.000	+2,250.597	+0.000	+15,121.704
15	+0.000	+0.000	+0.000	+2,390.416	+0.000	+16,061.145
16	+0.000	+0.000	+0.000	+2,526.556	+0.000	+16,975.863
17	+0.000	+0.000	+0.000	+2,654.110	+0.000	+17,832.897
18	+0.000	+0.000	+0.000	+2,743.643	+0.000	+18,434.469
19	+0.000	+0.000	+0.000	+2,798.835	+0.000	+18,805.301
20	+0.000	+0.000	+0.000	+2,780.438	+0.000	+18,681.690
21	+0.000	+0.000	+0.000	+2,731.378	+0.000	+18,352.062
22	+0.000	+0.000	+0.000	+2,679.866	+0.000	+18,005.952
23	+0.000	+0.000	+0.000	+2,649.204	+0.000	+17,799.934
24	+0.000	+0.000	+0.000	+2,636.939	+0.000	+17,717.527
25	+0.000	+0.000	+0.000	+2,687.225	+0.000	+18,055.396
26	+0.000	+0.000	+0.000	+2,706.849	+0.000	+18,187.248
27	+0.000	+0.000	+0.000	+2,727.699	+0.000	+18,327.340
28	+0.000	+0.000	+0.000	+2,763.267	+0.000	+18,566.321
29	+0.000	+0.000	+0.000	+2,789.023	+0.000	+18,739.375
30	+0.000	+0.000	+0.000	+2,839.309	+0.000	+19,077.245
31	+0.000	+0.000	+0.000	+2,898.180	+0.000	+19,472.799
32	+0.000	+0.000	+0.000	+2,970.542	+0.000	+19,959.001
33	+0.000	+0.000	+0.000	+3,114.041	+0.000	+20,923.164
34	+0.000	+0.000	+0.000	+3,223.198	+0.000	+21,656.587
35	+0.000	+0.000	+0.000	+3,246.501	+0.000	+21,813.160
36	+0.000	+0.000	+0.000	+3,255.087	+0.000	+21,870.845
37	+0.000	+0.000	+0.000	+3,233.010	+0.000	+21,722.513
38	+0.000	+0.000	+0.000	+3,188.856	+0.000	+21,425.847
39	+0.000	+0.000	+0.000	+3,141.024	+0.000	+21,104.459
40	+0.000	+0.000	+0.000	+3,064.982	+0.000	+20,593.535
41	+0.000	+0.000	+0.000	+2,959.504	+0.000	+19,884.834
42	+0.000	+0.000	+0.000	+2,862.612	+0.000	+19,233.818

43	+.000	+.000	+.000	+2,755.908	+.000	+18,516.876
44	+.000	+.000	+.000	+2,632.033	+.000	+17,684.565
45	+.000	+.000	+.000	+2,466.458	+.000	+16,572.069
46	+.000	+.000	+.000	+2,330.318	+.000	+15,657.350
47	+.000	+.000	+.000	+2,212.576	+.000	+14,866.242
48	+.000	+.000	+.000	+2,088.701	+.000	+14,033.930

Date: 20/01/2020

Settlement Day:23/12/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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	+66.468	+.000	-1,315.528	+.000
02	+.000	+.000	+67.004	+.000	-1,326.151	+.000
03	+.000	+.000	+67.211	+.000	-1,330.236	+.000
04	+.000	+.000	+65.807	+.000	-1,302.455	+.000
05	+.000	+.000	+65.931	+.000	-1,304.906	+.000
06	+.000	+.000	+65.312	+.000	-1,292.650	+.000
07	+.000	+.000	+65.270	+.000	-1,291.832	+.000
08	+.000	+.000	+64.032	+.000	-1,267.319	+.000
09	+.000	+.000	+63.949	+.000	-1,265.685	+.000
10	+.000	+.000	+64.321	+.000	-1,273.039	+.000
11	+.000	+.000	+66.302	+.000	-1,312.260	+.000
12	+.000	+.000	+68.614	+.000	-1,358.017	+.000
13	+.000	+.000	+73.156	+.000	-1,447.898	+.000
14	+.000	+.000	+75.757	+.000	-1,499.375	+.000
15	+.000	+.000	+80.463	+.000	-1,592.525	+.000
16	+.000	+.000	+85.045	+.000	-1,683.222	+.000
17	+.000	+.000	+89.339	+.000	-1,768.201	+.000
18	+.000	+.000	+92.353	+.000	-1,827.849	+.000
19	+.000	+.000	+94.211	+.000	-1,864.618	+.000
20	+.000	+.000	+93.591	+.000	-1,852.362	+.000
21	+.000	+.000	+91.940	+.000	-1,819.678	+.000
22	+.000	+.000	+90.206	+.000	-1,785.360	+.000
23	+.000	+.000	+89.174	+.000	-1,764.932	+.000
24	+.000	+.000	+88.761	+.000	-1,756.761	+.000
25	+.000	+.000	+90.454	+.000	-1,790.262	+.000
26	+.000	+.000	+91.114	+.000	-1,803.336	+.000
27	+.000	+.000	+91.816	+.000	-1,817.227	+.000
28	+.000	+.000	+93.013	+.000	-1,840.922	+.000
29	+.000	+.000	+93.880	+.000	-1,858.082	+.000
30	+.000	+.000	+95.573	+.000	-1,891.583	+.000
31	+.000	+.000	+97.555	+.000	-1,930.803	+.000
32	+.000	+.000	+99.990	+.000	-1,979.012	+.000
33	+.000	+.000	+104.821	+.000	-2,074.613	+.000
34	+.000	+.000	+108.495	+.000	-2,147.334	+.000
35	+.000	+.000	+109.279	+.000	-2,162.859	+.000
36	+.000	+.000	+109.568	+.000	-2,168.579	+.000
37	+.000	+.000	+108.825	+.000	-2,153.871	+.000
38	+.000	+.000	+107.339	+.000	-2,124.456	+.000
39	+.000	+.000	+105.729	+.000	-2,092.589	+.000
40	+.000	+.000	+103.169	+.000	-2,041.929	+.000
41	+.000	+.000	+99.619	+.000	-1,971.658	+.000
42	+.000	+.000	+96.357	+.000	-1,907.107	+.000

43	+.000	+.000	+92.766	+.000	-1,836.020	+.000
44	+.000	+.000	+88.596	+.000	-1,753.493	+.000
45	+.000	+.000	+83.023	+.000	-1,643.185	+.000
46	+.000	+.000	+78.440	+.000	-1,552.487	+.000
47	+.000	+.000	+74.477	+.000	-1,474.045	+.000
48	+.000	+.000	+70.307	+.000	-1,391.518	+.000

Date: 20/01/2020

Settlement Day:23/12/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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	+96,986.008
02	+ .000	+99,044.060
03	+ .000	+110,223.912
04	+ .000	+96,296.397
05	+ .000	+97,299.026
06	+ .000	+90,616.461
07	+ .000	+93,819.545
08	+ .000	+89,220.365
09	+ .000	+95,696.852
10	+ .000	+96,928.999
11	+ .000	+110,388.393
12	+ .000	+120,313.457
13	+ .000	+104,131.653
14	+ .000	+95,304.692
15	+ .000	+89,300.143
16	+ .000	+82,396.926
17	+ .000	+77,308.804
18	+ .000	+76,798.636
19	+ .000	+78,237.761
20	+ .000	+68,176.096
21	+ .000	+63,267.753
22	+ .000	+58,474.917
23	+ .000	+56,112.119
24	+ .000	+56,469.895
25	+ .000	+61,837.525
26	+ .000	+68,707.136
27	+ .000	+67,592.404
28	+ .000	+63,547.117
29	+ .000	+57,625.610
30	+ .000	+51,727.300
31	+ .000	+50,687.203
32	+ .000	+62,932.537
33	+ .000	+79,632.327
34	+ .000	+85,962.050
35	+ .000	+82,299.540
36	+ .000	+74,782.785
37	+ .000	+83,162.191
38	+ .000	+76,693.773
39	+ .000	+84,471.446
40	+ .000	+82,859.934
41	+ .000	+77,556.110
42	+ .000	+69,935.200

43	+.000	+58,258.879
44	+.000	+61,349.960
45	+.000	+60,853.776
46	+.000	+76,069.833
47	+.000	+94,142.136
48	+.000	+86,357.087