

Date: 03/01/2020

Settlement Day:23/12/2019

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: 267

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+2,045,746.590	+66,165,836.720
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+2,020,863.960	+471,392,593.750
Balancing Services Contract Cost	+1,084,655.129	+196,622,946.966
Balancing Services Cost Variable	+271,698.760	+117,068,116.805
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	+32,915,794.460
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	+3,920,000.000
ALoMCP Recovery	-81,709.830	-4,984,299.630
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	+3,422,924.110	+825,619,408.341
Total Adjusted Energy Volume (MWh)	+1,349,182.957	

Date: 03/01/2020

Settlement Day:23/12/2019

SAA Run Number:01

Settlement Run Type:II

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	+21,719.726	+103,845.812	+4.78118
02	+21,898.470	+105,959.228	+4.83866
03	+21,962.477	+117,170.480	+5.33503
04	+21,505.188	+103,105.413	+4.79444
05	+21,538.182	+104,105.822	+4.83355
06	+21,333.860	+97,343.697	+4.56287
07	+21,327.103	+100,569.787	+4.71559
08	+20,920.089	+95,842.487	+4.58136
09	+20,892.118	+102,315.458	+4.89732
10	+21,020.091	+103,580.967	+4.92771
11	+21,657.572	+117,230.161	+5.41289
12	+22,426.969	+127,411.857	+5.68119
13	+23,905.820	+111,678.603	+4.67161
14	+24,760.656	+103,122.885	+4.16479
15	+26,298.475	+97,600.128	+3.71125
16	+27,786.008	+91,142.234	+3.28015
17	+29,188.893	+86,491.173	+2.96315
18	+30,177.455	+86,309.443	+2.86006
19	+30,782.263	+87,935.118	+2.85668
20	+30,586.659	+77,805.513	+2.54377
21	+30,046.981	+72,723.850	+2.42034
22	+29,476.774	+67,750.779	+2.29845
23	+29,143.007	+65,280.510	+2.24001
24	+29,010.174	+65,597.257	+2.26118
25	+29,555.427	+71,142.985	+2.40710
26	+29,776.616	+78,085.344	+2.62237
27	+29,996.877	+77,015.703	+2.56746
28	+30,392.570	+73,116.573	+2.40574
29	+30,676.344	+67,277.103	+2.19313
30	+31,233.931	+61,549.401	+1.97059
31	+31,884.457	+60,713.028	+1.90416
32	+32,675.120	+73,216.183	+2.24073
33	+34,255.329	+90,417.309	+2.63951
34	+35,465.063	+97,144.609	+2.73916
35	+35,714.769	+93,541.296	+2.61912
36	+35,804.696	+86,049.807	+2.40331
37	+35,571.419	+94,372.023	+2.65303
38	+35,083.922	+87,729.173	+2.50055
39	+34,559.192	+95,345.095	+2.75889
40	+33,721.823	+93,474.106	+2.77192
41	+32,556.137	+87,799.845	+2.69688
42	+31,490.825	+79,842.973	+2.53544

43	+30,319.175	+67,792.137	+2.23595
44	+28,962.554	+70,475.394	+2.43333
45	+27,146.620	+69,404.560	+2.55666
46	+25,644.175	+84,151.770	+3.28152
47	+24,349.408	+101,824.255	+4.18180
48	+22,981.498	+93,595.814	+4.07266

Date: 03/01/2020

Settlement Day:23/12/2019

SAA Run Number:01

Settlement Run Type:II

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	+63,994.03	+0.00	+63,948.70	+17,462.948	+8,430.750
02	+0.01623	+65,876.06	+0.00	+65,808.04	+17,603.953	+8,430.750
03	+0.01628	+76,182.76	+0.00	+76,152.45	+17,658.186	+9,199.870
04	+0.01594	+62,849.23	+0.00	+62,751.89	+17,289.403	+9,199.870
05	+0.01596	+60,790.11	+0.00	+60,466.88	+17,311.096	+12,446.200
06	+0.01581	+54,170.27	+0.00	+53,997.92	+17,148.398	+12,446.200
07	+0.01581	+57,314.34	+0.00	+57,176.86	+17,148.398	+12,493.350
08	+0.01551	+53,365.55	+0.00	+53,035.89	+16,823.001	+12,493.350
09	+0.01549	+60,405.28	+0.00	+59,846.55	+16,801.308	+12,194.750
10	+0.01558	+61,254.00	+0.00	+60,936.16	+16,898.927	+12,194.750
11	+0.01605	+64,632.18	+0.00	+64,309.02	+17,408.715	+21,552.500
12	+0.01662	+74,278.81	+0.00	+73,376.69	+18,026.968	+21,552.500
13	+0.01772	+72,234.61	+0.00	+71,505.37	+19,220.089	+5,540.690
14	+0.01835	+61,773.08	+0.00	+61,238.36	+19,903.422	+6,020.690
15	+0.01949	+57,389.16	+0.00	+56,664.05	+21,139.928	+2,844.190
16	+0.02059	+52,762.82	+0.00	+47,581.28	+22,333.049	+3,319.190
17	+0.02163	+42,611.04	+0.00	+39,662.16	+23,461.090	+4,554.640
18	+0.02237	+39,784.33	+0.00	+38,034.15	+24,263.735	+4,554.640
19	+0.02282	+38,299.06	+0.00	+37,902.53	+24,751.830	+5,432.440
20	+0.02267	+28,368.26	+0.00	+28,066.09	+24,589.132	+5,432.440
21	+0.02227	+24,020.41	+0.00	+23,766.20	+24,155.270	+5,432.440
22	+0.02185	+19,849.77	+0.00	+19,613.99	+23,699.715	+5,432.440
23	+0.02160	+17,694.90	+0.00	+17,632.33	+23,428.551	+5,432.440
24	+0.02150	+18,186.57	+0.00	+18,144.52	+23,320.085	+5,432.440
25	+0.02191	+22,997.95	+0.00	+22,888.93	+23,764.794	+5,432.440
26	+0.02207	+29,666.37	+0.00	+29,518.58	+23,938.339	+5,432.440
27	+0.02223	+34,088.39	+0.00	+33,568.67	+24,111.884	+0.000
28	+0.02253	+29,433.48	+0.00	+29,083.21	+24,437.280	+0.000
29	+0.02274	+23,158.34	+0.00	+22,833.31	+24,665.058	+0.000
30	+0.02315	+16,620.38	+0.00	+16,304.29	+25,109.766	+0.000
31	+0.02363	+14,699.01	+0.00	+14,529.79	+25,630.401	+0.000
32	+0.02422	+26,589.18	+0.00	+25,879.83	+26,270.347	+0.000
33	+0.02539	+35,660.77	+0.00	+35,361.83	+27,539.394	+5,432.440
34	+0.02629	+41,329.51	+0.00	+40,330.14	+28,515.583	+5,432.440
35	+0.02647	+36,851.63	+0.00	+36,375.03	+28,710.821	+5,432.440
36	+0.02654	+29,116.78	+0.00	+28,746.73	+28,786.747	+5,432.440
37	+0.02637	+38,258.36	+0.00	+37,401.20	+28,602.356	+5,432.440
38	+0.02600	+31,992.58	+0.00	+31,481.49	+28,201.033	+5,432.440
39	+0.02561	+40,149.55	+0.00	+39,859.64	+27,778.018	+5,432.440
40	+0.02499	+39,266.71	+0.00	+39,200.40	+27,105.532	+5,432.440
41	+0.02413	+35,627.45	+0.00	+35,206.95	+26,172.728	+5,432.440
42	+0.02334	+34,584.35	+0.00	+34,226.52	+25,315.851	+0.000

43	+0.02247	+24,078.46	+.00	+23,876.04	+24,372.201	+.000
44	+0.02147	+28,774.92	+.00	+28,513.73	+23,287.546	+.000
45	+0.02012	+29,577.72	+.00	+29,456.28	+21,823.261	+625.100
46	+0.01901	+46,628.20	+.00	+46,372.91	+20,619.294	+625.100
47	+0.01805	+67,396.49	+.00	+67,232.65	+19,578.025	-685.900
48	+0.01703	+61,113.38	+.00	+60,997.73	+18,471.677	-685.900

Date: 03/01/2020

Settlement Day:23/12/2019

SAA Run Number:01

Settlement Run Type:II

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	+1,984.932	+0.000	+13,267.544
02	+0.000	+0.000	+0.000	+2,000.959	+0.000	+13,374.673
03	+0.000	+0.000	+0.000	+2,007.123	+0.000	+13,415.877
04	+0.000	+0.000	+0.000	+1,965.205	+0.000	+13,135.692
05	+0.000	+0.000	+0.000	+1,967.671	+0.000	+13,152.174
06	+0.000	+0.000	+0.000	+1,949.178	+0.000	+13,028.563
07	+0.000	+0.000	+0.000	+1,949.178	+0.000	+13,028.563
08	+0.000	+0.000	+0.000	+1,912.192	+0.000	+12,781.342
09	+0.000	+0.000	+0.000	+1,909.726	+0.000	+12,764.860
10	+0.000	+0.000	+0.000	+1,920.822	+0.000	+12,839.027
11	+0.000	+0.000	+0.000	+1,978.767	+0.000	+13,226.340
12	+0.000	+0.000	+0.000	+2,049.041	+0.000	+13,696.061
13	+0.000	+0.000	+0.000	+2,184.658	+0.000	+14,602.539
14	+0.000	+0.000	+0.000	+2,262.329	+0.000	+15,121.704
15	+0.000	+0.000	+0.000	+2,402.877	+0.000	+16,061.145
16	+0.000	+0.000	+0.000	+2,538.493	+0.000	+16,967.623
17	+0.000	+0.000	+0.000	+2,666.712	+0.000	+17,824.657
18	+0.000	+0.000	+0.000	+2,757.945	+0.000	+18,434.469
19	+0.000	+0.000	+0.000	+2,813.425	+0.000	+18,805.301
20	+0.000	+0.000	+0.000	+2,794.932	+0.000	+18,681.690
21	+0.000	+0.000	+0.000	+2,745.616	+0.000	+18,352.062
22	+0.000	+0.000	+0.000	+2,693.836	+0.000	+18,005.952
23	+0.000	+0.000	+0.000	+2,663.014	+0.000	+17,799.934
24	+0.000	+0.000	+0.000	+2,650.685	+0.000	+17,717.527
25	+0.000	+0.000	+0.000	+2,701.233	+0.000	+18,055.396
26	+0.000	+0.000	+0.000	+2,720.959	+0.000	+18,187.248
27	+0.000	+0.000	+0.000	+2,740.685	+0.000	+18,319.099
28	+0.000	+0.000	+0.000	+2,777.671	+0.000	+18,566.321
29	+0.000	+0.000	+0.000	+2,803.562	+0.000	+18,739.375
30	+0.000	+0.000	+0.000	+2,854.110	+0.000	+19,077.245
31	+0.000	+0.000	+0.000	+2,913.288	+0.000	+19,472.799
32	+0.000	+0.000	+0.000	+2,986.027	+0.000	+19,959.001
33	+0.000	+0.000	+0.000	+3,130.274	+0.000	+20,923.164
34	+0.000	+0.000	+0.000	+3,241.233	+0.000	+21,664.828
35	+0.000	+0.000	+0.000	+3,263.425	+0.000	+21,813.160
36	+0.000	+0.000	+0.000	+3,272.055	+0.000	+21,870.845
37	+0.000	+0.000	+0.000	+3,251.096	+0.000	+21,730.753
38	+0.000	+0.000	+0.000	+3,205.479	+0.000	+21,425.847
39	+0.000	+0.000	+0.000	+3,157.397	+0.000	+21,104.459
40	+0.000	+0.000	+0.000	+3,080.959	+0.000	+20,593.535
41	+0.000	+0.000	+0.000	+2,974.932	+0.000	+19,884.834
42	+0.000	+0.000	+0.000	+2,877.534	+0.000	+19,233.818

43	+.000	+.000	+.000	+2,770.274	+.000	+18,516.876
44	+.000	+.000	+.000	+2,646.986	+.000	+17,692.805
45	+.000	+.000	+.000	+2,480.548	+.000	+16,580.309
46	+.000	+.000	+.000	+2,343.699	+.000	+15,665.590
47	+.000	+.000	+.000	+2,225.342	+.000	+14,874.482
48	+.000	+.000	+.000	+2,099.589	+.000	+14,033.930

Date: 03/01/2020

Settlement Day:23/12/2019

SAA Run Number:01

Settlement Run Type:II

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	+65.890	+.000	-1,304.089	+.000
06	+.000	+.000	+65.270	+.000	-1,291.832	+.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	+66.261	+.000	-1,311.443	+.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	+85.004	+.000	-1,682.405	+.000
17	+.000	+.000	+89.298	+.000	-1,767.384	+.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	+91.775	+.000	-1,816.410	+.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	+108.536	+.000	-2,148.151	+.000
35	+.000	+.000	+109.279	+.000	-2,162.859	+.000
36	+.000	+.000	+109.568	+.000	-2,168.579	+.000
37	+.000	+.000	+108.866	+.000	-2,154.688	+.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	+88.637	+.000	-1,754.310	+.000
45	+.000	+.000	+83.064	+.000	-1,644.002	+.000
46	+.000	+.000	+78.481	+.000	-1,553.304	+.000
47	+.000	+.000	+74.518	+.000	-1,474.862	+.000
48	+.000	+.000	+70.307	+.000	-1,391.518	+.000

Date: 03/01/2020

Settlement Day:23/12/2019

SAA Run Number:01

Settlement Run Type:II

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	+103,845.812
02	+ .000	+105,959.228
03	+ .000	+117,170.480
04	+ .000	+103,105.413
05	+ .000	+104,105.822
06	+ .000	+97,343.697
07	+ .000	+100,569.787
08	+ .000	+95,842.487
09	+ .000	+102,315.458
10	+ .000	+103,580.967
11	+ .000	+117,230.161
12	+ .000	+127,411.857
13	+ .000	+111,678.603
14	+ .000	+103,122.885
15	+ .000	+97,600.128
16	+ .000	+91,142.234
17	+ .000	+86,491.173
18	+ .000	+86,309.443
19	+ .000	+87,935.118
20	+ .000	+77,805.513
21	+ .000	+72,723.850
22	+ .000	+67,750.779
23	+ .000	+65,280.510
24	+ .000	+65,597.257
25	+ .000	+71,142.985
26	+ .000	+78,085.344
27	+ .000	+77,015.703
28	+ .000	+73,116.573
29	+ .000	+67,277.103
30	+ .000	+61,549.401
31	+ .000	+60,713.028
32	+ .000	+73,216.183
33	+ .000	+90,417.309
34	+ .000	+97,144.609
35	+ .000	+93,541.296
36	+ .000	+86,049.807
37	+ .000	+94,372.023
38	+ .000	+87,729.173
39	+ .000	+95,345.095
40	+ .000	+93,474.106
41	+ .000	+87,799.845
42	+ .000	+79,842.973

43	+.000	+67,792.137
44	+.000	+70,475.394
45	+.000	+69,404.560
46	+.000	+84,151.770
47	+.000	+101,824.255
48	+.000	+93,595.814