

Date: 23/01/2020

Settlement Day:30/12/2019

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: 274

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,701,328.540	+106,783,067.920
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,680,260.260	+490,864,798.650
Balancing Services Contract Cost	+610,778.550	+241,240,178.834
Balancing Services Cost Variable	+220,369.030	+118,343,832.575
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	+121,468.966	+32,363,008.376
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+225,795,464.960
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,131,187.080
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-6,781,915.890
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+225,795,464.960
Total External Costs	+2,555,295.396	+888,401,089.625
Total Adjusted Energy Volume (MWh)	+1,334,142.053	

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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	+22,354.910	+102,019.315	+4.56362
02	+22,280.327	+93,103.360	+4.17873
03	+21,911.691	+83,892.464	+3.82866
04	+21,765.135	+86,280.593	+3.96417
05	+21,894.778	+85,429.287	+3.90181
06	+21,749.487	+94,452.975	+4.34277
07	+21,391.572	+94,504.166	+4.41782
08	+21,063.524	+91,612.030	+4.34932
09	+20,663.145	+93,923.458	+4.54546
10	+20,648.871	+84,214.761	+4.07842
11	+20,507.743	+100,426.160	+4.89699
12	+21,217.988	+95,509.821	+4.50136
13	+22,349.285	+79,254.737	+3.54619
14	+23,730.334	+69,291.294	+2.91995
15	+25,467.859	+84,839.222	+3.33123
16	+26,496.488	+80,976.040	+3.05610
17	+27,262.840	+80,345.060	+2.94705
18	+28,473.071	+86,046.261	+3.02202
19	+29,258.855	+67,417.316	+2.30417
20	+29,407.950	+83,305.447	+2.83275
21	+29,245.435	+80,817.248	+2.76341
22	+29,142.027	+70,267.049	+2.41119
23	+29,002.285	+65,811.166	+2.26917
24	+29,010.439	+60,418.176	+2.08264
25	+29,067.633	+58,423.492	+2.00992
26	+29,259.279	+54,999.066	+1.87971
27	+29,499.941	+49,735.488	+1.68595
28	+29,547.341	+44,822.888	+1.51699
29	+30,046.606	+40,231.321	+1.33896
30	+30,489.046	+37,217.244	+1.22068
31	+31,658.973	+38,963.072	+1.23071
32	+33,015.975	+41,350.234	+1.25243
33	+34,302.348	+62,349.092	+1.81763
34	+36,267.713	+74,030.556	+2.04122
35	+36,493.739	+82,878.731	+2.27104
36	+36,490.581	+84,409.451	+2.31318
37	+35,896.462	+70,602.657	+1.96684
38	+35,262.642	+71,864.173	+2.03797
39	+34,346.382	+64,514.594	+1.87835
40	+33,650.846	+62,356.111	+1.85303
41	+32,638.637	+51,974.901	+1.59243
42	+31,556.003	+47,914.634	+1.51840

43	+30,143.288	+61,142.772	+2.02840
44	+28,720.814	+61,194.711	+2.13067
45	+27,030.904	+51,459.115	+1.90371
46	+25,519.584	+44,452.792	+1.74191
47	+24,037.003	+53,622.633	+2.23084
48	+22,904.274	+54,640.157	+2.38559

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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	+0.01676	+83,370.44	+0.00	+81,856.98	+10,236.648	-4,621.300
02	+0.01670	+75,083.92	+0.00	+73,029.75	+10,200.002	-4,621.300
03	+0.01642	+64,773.89	+0.00	+63,605.10	+10,028.984	-3,993.500
04	+0.01631	+67,465.83	+0.00	+66,155.89	+9,961.798	-3,993.500
05	+0.01641	+65,273.81	+0.00	+64,008.71	+10,022.876	-2,845.500
06	+0.01630	+74,117.64	+0.00	+73,195.06	+9,955.690	-2,845.500
07	+0.01603	+74,016.98	+0.00	+73,745.51	+9,790.780	-2,945.500
08	+0.01579	+71,490.17	+0.00	+71,208.27	+9,644.193	-2,945.500
09	+0.01549	+72,721.60	+0.00	+72,460.32	+9,460.960	-1,442.500
10	+0.01548	+62,820.50	+0.00	+62,766.41	+9,454.852	-1,442.500
11	+0.01537	+61,571.62	+0.00	+61,387.75	+9,387.666	+16,310.220
12	+0.01590	+57,617.23	+0.00	+55,687.68	+9,711.379	+16,310.220
13	+0.01675	+49,807.05	+0.00	+49,704.46	+10,230.541	+4,781.430
14	+0.01779	+38,458.38	+0.00	+38,203.13	+10,865.750	+4,781.430
15	+0.01909	+31,103.41	+0.00	+31,026.77	+11,659.763	+25,583.360
16	+0.01986	+26,163.72	+0.00	+26,024.96	+12,130.062	+25,583.360
17	+0.02043	+20,834.21	+0.00	+20,817.30	+12,478.206	+29,317.160
18	+0.02134	+25,970.71	+0.00	+25,172.85	+13,034.014	+29,317.160
19	+0.02193	+30,306.43	+0.00	+30,207.18	+13,394.374	+4,781.430
20	+0.02204	+46,009.45	+0.00	+45,932.65	+13,461.559	+4,781.430
21	+0.02192	+43,823.66	+0.00	+43,621.90	+13,388.266	+4,781.430
22	+0.02184	+33,460.65	+0.00	+33,190.00	+13,339.404	+4,781.430
23	+0.02174	+28,916.02	+0.00	+28,881.99	+13,278.326	+4,781.430
24	+0.02174	+23,624.20	+0.00	+23,489.00	+13,278.326	+4,781.430
25	+0.02179	+21,425.08	+0.00	+21,420.38	+13,308.865	+4,781.430
26	+0.02193	+17,908.87	+0.00	+17,788.93	+13,394.374	+4,781.430
27	+0.02211	+17,076.38	+0.00	+17,040.61	+13,504.314	+0.000
28	+0.02215	+12,135.91	+0.00	+12,068.86	+13,528.745	+0.000
29	+0.02252	+7,098.09	+0.00	+6,930.16	+13,754.733	+0.000
30	+0.02285	+4,044.08	+0.00	+3,428.10	+13,956.290	+0.000
31	+0.02373	+3,873.71	+0.00	+3,872.64	+14,493.775	+0.000
32	+0.02475	+4,859.22	+0.00	+4,751.49	+15,116.769	+0.000
33	+0.02571	+15,675.82	+0.00	+15,175.34	+15,703.117	+9,155.420
34	+0.02718	+26,054.63	+0.00	+24,683.06	+16,600.961	+9,155.420
35	+0.02735	+37,965.20	+0.00	+37,653.84	+16,704.793	+4,781.430
36	+0.02735	+39,474.62	+0.00	+39,184.56	+16,704.793	+4,781.430
37	+0.02691	+26,856.92	+0.00	+26,028.41	+16,436.051	+4,781.430
38	+0.02643	+28,681.90	+0.00	+27,999.72	+16,142.877	+4,781.430
39	+0.02574	+22,392.15	+0.00	+21,670.47	+15,721.440	+4,781.430
40	+0.02522	+20,356.32	+0.00	+20,280.93	+15,403.835	+4,781.430
41	+0.02446	+11,079.58	+0.00	+11,023.56	+14,939.643	+4,781.430
42	+0.02365	+13,087.45	+0.00	+12,942.50	+14,444.913	+0.000

43	+0.02259	+27,421.57	+ .00	+27,229.60	+13,797.487	+508.500
44	+0.02153	+28,867.63	+ .00	+28,849.00	+13,150.062	+508.500
45	+0.02026	+21,788.68	+ .00	+20,991.40	+12,374.373	+508.500
46	+0.01913	+15,758.22	+ .00	+15,656.05	+11,684.194	+508.500
47	+0.01802	+23,247.91	+ .00	+22,968.29	+11,006.229	+4,007.500
48	+0.01717	+25,397.08	+ .00	+25,242.74	+10,487.068	+4,007.500

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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	+2,035.820	+0.000	+13,811.431
02	+0.000	+0.000	+0.000	+2,028.532	+0.000	+13,761.986
03	+0.000	+0.000	+0.000	+1,994.520	+0.000	+13,531.246
04	+0.000	+0.000	+0.000	+1,981.159	+0.000	+13,440.599
05	+0.000	+0.000	+0.000	+1,993.306	+0.000	+13,523.006
06	+0.000	+0.000	+0.000	+1,979.944	+0.000	+13,432.358
07	+0.000	+0.000	+0.000	+1,947.148	+0.000	+13,209.859
08	+0.000	+0.000	+0.000	+1,917.995	+0.000	+13,012.082
09	+0.000	+0.000	+0.000	+1,881.554	+0.000	+12,764.860
10	+0.000	+0.000	+0.000	+1,880.340	+0.000	+12,756.620
11	+0.000	+0.000	+0.000	+1,866.978	+0.000	+12,665.972
12	+0.000	+0.000	+0.000	+1,931.357	+0.000	+13,102.730
13	+0.000	+0.000	+0.000	+2,034.605	+0.000	+13,803.190
14	+0.000	+0.000	+0.000	+2,160.933	+0.000	+14,660.224
15	+0.000	+0.000	+0.000	+2,318.843	+0.000	+15,731.516
16	+0.000	+0.000	+0.000	+2,412.374	+0.000	+16,366.051
17	+0.000	+0.000	+0.000	+2,481.611	+0.000	+16,835.771
18	+0.000	+0.000	+0.000	+2,592.148	+0.000	+17,585.676
19	+0.000	+0.000	+0.000	+2,663.814	+0.000	+18,071.878
20	+0.000	+0.000	+0.000	+2,677.176	+0.000	+18,162.526
21	+0.000	+0.000	+0.000	+2,662.600	+0.000	+18,063.637
22	+0.000	+0.000	+0.000	+2,652.882	+0.000	+17,997.712
23	+0.000	+0.000	+0.000	+2,640.735	+0.000	+17,915.304
24	+0.000	+0.000	+0.000	+2,640.735	+0.000	+17,915.304
25	+0.000	+0.000	+0.000	+2,646.809	+0.000	+17,956.508
26	+0.000	+0.000	+0.000	+2,663.814	+0.000	+18,071.878
27	+0.000	+0.000	+0.000	+2,685.679	+0.000	+18,220.211
28	+0.000	+0.000	+0.000	+2,690.538	+0.000	+18,253.174
29	+0.000	+0.000	+0.000	+2,735.481	+0.000	+18,558.080
30	+0.000	+0.000	+0.000	+2,775.566	+0.000	+18,830.023
31	+0.000	+0.000	+0.000	+2,882.459	+0.000	+19,555.206
32	+0.000	+0.000	+0.000	+3,006.357	+0.000	+20,395.758
33	+0.000	+0.000	+0.000	+3,122.967	+0.000	+21,186.866
34	+0.000	+0.000	+0.000	+3,301.526	+0.000	+22,398.251
35	+0.000	+0.000	+0.000	+3,322.176	+0.000	+22,538.343
36	+0.000	+0.000	+0.000	+3,322.176	+0.000	+22,538.343
37	+0.000	+0.000	+0.000	+3,268.730	+0.000	+22,175.752
38	+0.000	+0.000	+0.000	+3,210.425	+0.000	+21,780.198
39	+0.000	+0.000	+0.000	+3,126.611	+0.000	+21,211.589
40	+0.000	+0.000	+0.000	+3,063.447	+0.000	+20,783.072
41	+0.000	+0.000	+0.000	+2,971.131	+0.000	+20,156.778
42	+0.000	+0.000	+0.000	+2,872.741	+0.000	+19,489.280

43	+.000	+.000	+.000	+2,743.984	+.000	+18,615.765
44	+.000	+.000	+.000	+2,615.227	+.000	+17,742.249
45	+.000	+.000	+.000	+2,460.961	+.000	+16,695.679
46	+.000	+.000	+.000	+2,323.701	+.000	+15,764.479
47	+.000	+.000	+.000	+2,188.871	+.000	+14,849.760
48	+.000	+.000	+.000	+2,085.622	+.000	+14,149.300

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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	+69.192	+.000	-1,369.457	+.000
02	+.000	+.000	+68.945	+.000	-1,364.554	+.000
03	+.000	+.000	+67.789	+.000	-1,341.675	+.000
04	+.000	+.000	+67.335	+.000	-1,332.687	+.000
05	+.000	+.000	+67.747	+.000	-1,340.858	+.000
06	+.000	+.000	+67.293	+.000	-1,331.870	+.000
07	+.000	+.000	+66.179	+.000	-1,309.809	+.000
08	+.000	+.000	+65.188	+.000	-1,290.198	+.000
09	+.000	+.000	+63.949	+.000	-1,265.685	+.000
10	+.000	+.000	+63.908	+.000	-1,264.868	+.000
11	+.000	+.000	+63.454	+.000	-1,255.880	+.000
12	+.000	+.000	+65.642	+.000	-1,299.186	+.000
13	+.000	+.000	+69.151	+.000	-1,368.640	+.000
14	+.000	+.000	+73.445	+.000	-1,453.618	+.000
15	+.000	+.000	+78.812	+.000	-1,559.841	+.000
16	+.000	+.000	+81.990	+.000	-1,622.757	+.000
17	+.000	+.000	+84.344	+.000	-1,669.332	+.000
18	+.000	+.000	+88.100	+.000	-1,743.688	+.000
19	+.000	+.000	+90.536	+.000	-1,791.897	+.000
20	+.000	+.000	+90.990	+.000	-1,800.885	+.000
21	+.000	+.000	+90.495	+.000	-1,791.079	+.000
22	+.000	+.000	+90.165	+.000	-1,784.543	+.000
23	+.000	+.000	+89.752	+.000	-1,776.372	+.000
24	+.000	+.000	+89.752	+.000	-1,776.372	+.000
25	+.000	+.000	+89.958	+.000	-1,780.457	+.000
26	+.000	+.000	+90.536	+.000	-1,791.897	+.000
27	+.000	+.000	+91.279	+.000	-1,806.604	+.000
28	+.000	+.000	+91.445	+.000	-1,809.873	+.000
29	+.000	+.000	+92.972	+.000	-1,840.105	+.000
30	+.000	+.000	+94.334	+.000	-1,867.070	+.000
31	+.000	+.000	+97.967	+.000	-1,938.974	+.000
32	+.000	+.000	+102.178	+.000	-2,022.318	+.000
33	+.000	+.000	+106.142	+.000	-2,100.760	+.000
34	+.000	+.000	+112.210	+.000	-2,220.873	+.000
35	+.000	+.000	+112.912	+.000	-2,234.764	+.000
36	+.000	+.000	+112.912	+.000	-2,234.764	+.000
37	+.000	+.000	+111.096	+.000	-2,198.812	+.000
38	+.000	+.000	+109.114	+.000	-2,159.591	+.000
39	+.000	+.000	+106.266	+.000	-2,103.211	+.000
40	+.000	+.000	+104.119	+.000	-2,060.722	+.000
41	+.000	+.000	+100.981	+.000	-1,998.622	+.000
42	+.000	+.000	+97.637	+.000	-1,932.437	+.000



43	+.000	+.000	+93.261	+.000	-1,845.825	+.000
44	+.000	+.000	+88.885	+.000	-1,759.213	+.000
45	+.000	+.000	+83.642	+.000	-1,655.441	+.000
46	+.000	+.000	+78.977	+.000	-1,563.109	+.000
47	+.000	+.000	+74.394	+.000	-1,472.411	+.000
48	+.000	+.000	+70.885	+.000	-1,402.958	+.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	+102,019.315
02	+ .000	+93,103.360
03	+ .000	+83,892.464
04	+ .000	+86,280.593
05	+ .000	+85,429.287
06	+ .000	+94,452.975
07	+ .000	+94,504.166
08	+ .000	+91,612.030
09	+ .000	+93,923.458
10	+ .000	+84,214.761
11	+ .000	+100,426.160
12	+ .000	+95,509.821
13	+ .000	+79,254.737
14	+ .000	+69,291.294
15	+ .000	+84,839.222
16	+ .000	+80,976.040
17	+ .000	+80,345.060
18	+ .000	+86,046.261
19	+ .000	+67,417.316
20	+ .000	+83,305.447
21	+ .000	+80,817.248
22	+ .000	+70,267.049
23	+ .000	+65,811.166
24	+ .000	+60,418.176
25	+ .000	+58,423.492
26	+ .000	+54,999.066
27	+ .000	+49,735.488
28	+ .000	+44,822.888
29	+ .000	+40,231.321
30	+ .000	+37,217.244
31	+ .000	+38,963.072
32	+ .000	+41,350.234
33	+ .000	+62,349.092
34	+ .000	+74,030.556
35	+ .000	+82,878.731
36	+ .000	+84,409.451
37	+ .000	+70,602.657
38	+ .000	+71,864.173
39	+ .000	+64,514.594
40	+ .000	+62,356.111
41	+ .000	+51,974.901
42	+ .000	+47,914.634

43	+.000	+61,142.772
44	+.000	+61,194.711
45	+.000	+51,459.115
46	+.000	+44,452.792
47	+.000	+53,622.633
48	+.000	+54,640.157