

Date: 25/02/2020

Settlement Day:01/02/2020

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: 307

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+7,004,072.760	+226,308,849.980
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+6,954,535.820	+609,430,693.480
Balancing Services Contract Cost	+1,628,834.856	+270,955,831.735
Balancing Services Cost Variable	+132,882.400	+126,573,601.425
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	+107,751.176	+36,266,268.651
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+252,989,809.280
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,267,424.940
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-9,478,340.280
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+252,989,809.280
Total External Costs	+8,746,422.842	+1,046,255,479.951
Total Adjusted Energy Volume (MWh)	+1,209,411.951	

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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	+22,432.057	+292,925.744	+13.05835
02	+22,506.163	+310,535.548	+13.79780
03	+22,210.739	+319,122.079	+14.36792
04	+21,947.933	+322,468.123	+14.69241
05	+21,591.787	+308,284.471	+14.27786
06	+21,380.063	+304,689.668	+14.25111
07	+20,937.079	+285,446.950	+13.63356
08	+20,546.837	+301,903.546	+14.69343
09	+20,350.309	+302,228.893	+14.85132
10	+20,359.737	+287,703.943	+14.13102
11	+20,953.388	+294,259.941	+14.04355
12	+21,223.673	+287,357.668	+13.53949
13	+21,513.735	+269,089.066	+12.50778
14	+21,703.636	+254,337.218	+11.71865
15	+22,478.831	+243,241.737	+10.82092
16	+23,205.812	+247,796.202	+10.67820
17	+24,317.675	+239,924.822	+9.86627
18	+25,291.855	+267,859.172	+10.59073
19	+25,490.149	+242,578.705	+9.51657
20	+25,363.172	+226,930.587	+8.94725
21	+25,074.843	+215,764.858	+8.60483
22	+24,479.737	+208,971.421	+8.53651
23	+24,337.914	+207,746.632	+8.53593
24	+24,684.126	+177,944.604	+7.20887
25	+24,725.260	+194,173.277	+7.85323
26	+24,654.961	+184,215.613	+7.47175
27	+24,780.828	+177,821.180	+7.17576
28	+24,437.120	+166,121.259	+6.79791
29	+24,567.441	+141,775.077	+5.77085
30	+24,906.149	+128,370.528	+5.15417
31	+25,594.693	+118,512.251	+4.63034
32	+26,525.769	+115,001.349	+4.33546
33	+28,009.774	+113,744.282	+4.06088
34	+29,696.492	+113,963.088	+3.83759
35	+31,909.707	+144,023.376	+4.51347
36	+33,093.831	+150,151.180	+4.53714
37	+32,784.235	+133,899.971	+4.08428
38	+32,416.412	+130,106.918	+4.01361
39	+31,645.157	+130,405.920	+4.12088
40	+31,025.052	+121,196.311	+3.90640
41	+30,204.538	+120,482.109	+3.98887
42	+29,104.092	+113,801.140	+3.91014

43	+28,232.576	+112,118.116	+3.97123
44	+27,417.072	+103,089.735	+3.76006
45	+26,229.611	+97,165.211	+3.70441
46	+25,450.713	+111,169.402	+4.36803
47	+24,246.462	+121,062.747	+4.99301
48	+23,372.756	+108,962.583	+4.66195

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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	+0.01855	+239,618.73	+0.00	+238,794.81	+30,214.887	+8,069.880
02	+0.01861	+257,378.98	+0.00	+256,255.63	+30,312.617	+8,069.880
03	+0.01836	+264,152.28	+0.00	+262,640.18	+29,905.408	+10,892.630
04	+0.01815	+267,606.33	+0.00	+266,507.67	+29,563.353	+10,892.630
05	+0.01785	+256,747.21	+0.00	+255,575.02	+29,074.702	+8,386.550
06	+0.01768	+253,658.17	+0.00	+252,402.34	+28,797.800	+8,386.550
07	+0.01731	+235,935.72	+0.00	+234,338.53	+28,195.131	+8,126.380
08	+0.01699	+254,364.34	+0.00	+251,589.71	+27,673.904	+8,126.380
09	+0.01683	+252,191.20	+0.00	+250,988.35	+27,413.291	+9,450.380
10	+0.01683	+237,519.12	+0.00	+236,463.40	+27,413.291	+9,450.380
11	+0.01733	+242,717.84	+0.00	+241,389.86	+28,227.708	+9,838.380
12	+0.01755	+235,416.58	+0.00	+233,941.31	+28,586.052	+9,838.380
13	+0.01779	+214,152.95	+0.00	+213,478.94	+28,976.972	+11,436.210
14	+0.01795	+199,226.52	+0.00	+198,329.80	+29,237.586	+11,436.210
15	+0.01859	+188,764.74	+0.00	+186,006.88	+30,280.040	+11,074.480
16	+0.01919	+193,393.78	+0.00	+189,071.50	+31,257.341	+11,074.480
17	+0.02011	+193,662.00	+0.00	+192,821.62	+32,755.869	-2,831.450
18	+0.02091	+219,316.06	+0.00	+218,769.51	+34,058.937	-2,831.450
19	+0.02108	+192,512.51	+0.00	+191,049.44	+34,335.839	-813.970
20	+0.02097	+177,650.70	+0.00	+175,674.46	+34,156.667	-813.970
21	+0.02073	+167,824.25	+0.00	+165,491.42	+33,765.747	-1,200.720
22	+0.02024	+160,908.69	+0.00	+159,914.69	+32,967.617	-1,200.720
23	+0.02012	+159,601.49	+0.00	+159,376.62	+32,772.157	-1,589.470
24	+0.02041	+129,689.75	+0.00	+128,854.50	+33,244.519	-1,589.470
25	+0.02044	+149,627.75	+0.00	+148,699.88	+33,293.384	-5,280.670
26	+0.02039	+139,005.38	+0.00	+138,866.37	+33,211.943	-5,280.670
27	+0.02049	+134,283.63	+0.00	+133,175.76	+33,374.826	-6,232.800
28	+0.02021	+122,521.18	+0.00	+122,171.10	+32,918.752	-6,232.800
29	+0.02031	+95,787.97	+0.00	+95,693.71	+33,081.636	-4,349.900
30	+0.02059	+82,516.15	+0.00	+81,593.90	+33,537.710	-4,349.900
31	+0.02116	+71,487.63	+0.00	+67,820.62	+34,466.146	-1,850.250
32	+0.02193	+63,187.83	+0.00	+62,397.75	+35,720.348	-1,850.250
33	+0.02316	+57,198.19	+0.00	+56,236.25	+37,723.815	+0.000
34	+0.02455	+49,834.73	+0.00	+49,365.60	+39,987.896	+3,637.980
35	+0.02638	+76,188.15	+0.00	+74,881.86	+42,968.664	+3,637.980
36	+0.02736	+78,959.26	+0.00	+78,576.25	+44,564.922	+3,637.980
37	+0.02711	+63,637.30	+0.00	+62,945.81	+44,157.713	+3,637.980
38	+0.02680	+60,235.95	+0.00	+59,922.51	+43,652.774	+3,637.980
39	+0.02617	+61,225.32	+0.00	+60,585.85	+42,626.608	+4,837.980
40	+0.02565	+53,161.85	+0.00	+52,667.44	+41,779.614	+4,837.980
41	+0.02497	+53,917.01	+0.00	+53,641.73	+40,672.006	+4,837.980
42	+0.02406	+52,968.76	+0.00	+52,858.34	+39,189.767	+1,200.000

43	+0.02334	+53,275.10	+ .00	+52,963.13	+38,017.006	+1,200.000
44	+0.02267	+45,775.79	+ .00	+45,598.41	+36,925.686	+1,200.000
45	+0.02169	+45,281.44	+ .00	+44,709.68	+35,329.428	-1,402.380
46	+0.02104	+60,632.40	+ .00	+60,327.87	+34,270.685	-1,402.380
47	+0.02005	+74,838.25	+ .00	+74,711.08	+32,658.139	-3,434.000
48	+0.01933	+64,515.80	+ .00	+64,398.73	+31,485.378	-3,434.000

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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	+1,998.784	+0.000	+15,286.518
02	+0.000	+0.000	+0.000	+2,005.249	+0.000	+15,335.962
03	+0.000	+0.000	+0.000	+1,978.312	+0.000	+15,129.944
04	+0.000	+0.000	+0.000	+1,955.684	+0.000	+14,956.889
05	+0.000	+0.000	+0.000	+1,923.358	+0.000	+14,709.668
06	+0.000	+0.000	+0.000	+1,905.041	+0.000	+14,569.576
07	+0.000	+0.000	+0.000	+1,865.173	+0.000	+14,264.670
08	+0.000	+0.000	+0.000	+1,830.692	+0.000	+14,000.967
09	+0.000	+0.000	+0.000	+1,813.452	+0.000	+13,869.116
10	+0.000	+0.000	+0.000	+1,813.452	+0.000	+13,869.116
11	+0.000	+0.000	+0.000	+1,867.328	+0.000	+14,281.151
12	+0.000	+0.000	+0.000	+1,891.033	+0.000	+14,462.447
13	+0.000	+0.000	+0.000	+1,916.893	+0.000	+14,660.224
14	+0.000	+0.000	+0.000	+1,934.134	+0.000	+14,792.075
15	+0.000	+0.000	+0.000	+2,003.094	+0.000	+15,319.481
16	+0.000	+0.000	+0.000	+2,067.745	+0.000	+15,813.923
17	+0.000	+0.000	+0.000	+2,166.876	+0.000	+16,572.069
18	+0.000	+0.000	+0.000	+2,253.077	+0.000	+17,231.325
19	+0.000	+0.000	+0.000	+2,271.395	+0.000	+17,371.418
20	+0.000	+0.000	+0.000	+2,259.542	+0.000	+17,280.770
21	+0.000	+0.000	+0.000	+2,233.682	+0.000	+17,082.993
22	+0.000	+0.000	+0.000	+2,180.884	+0.000	+16,679.198
23	+0.000	+0.000	+0.000	+2,167.954	+0.000	+16,580.309
24	+0.000	+0.000	+0.000	+2,199.202	+0.000	+16,819.290
25	+0.000	+0.000	+0.000	+2,202.434	+0.000	+16,844.012
26	+0.000	+0.000	+0.000	+2,197.046	+0.000	+16,802.809
27	+0.000	+0.000	+0.000	+2,207.822	+0.000	+16,885.216
28	+0.000	+0.000	+0.000	+2,177.651	+0.000	+16,654.476
29	+0.000	+0.000	+0.000	+2,188.426	+0.000	+16,736.883
30	+0.000	+0.000	+0.000	+2,218.597	+0.000	+16,967.623
31	+0.000	+0.000	+0.000	+2,280.015	+0.000	+17,437.343
32	+0.000	+0.000	+0.000	+2,362.983	+0.000	+18,071.878
33	+0.000	+0.000	+0.000	+2,495.517	+0.000	+19,085.485
34	+0.000	+0.000	+0.000	+2,645.291	+0.000	+20,230.944
35	+0.000	+0.000	+0.000	+2,842.476	+0.000	+21,738.994
36	+0.000	+0.000	+0.000	+2,948.072	+0.000	+22,546.584
37	+0.000	+0.000	+0.000	+2,921.134	+0.000	+22,340.566
38	+0.000	+0.000	+0.000	+2,887.732	+0.000	+22,085.104
39	+0.000	+0.000	+0.000	+2,819.848	+0.000	+21,565.939
40	+0.000	+0.000	+0.000	+2,763.818	+0.000	+21,137.422
41	+0.000	+0.000	+0.000	+2,690.547	+0.000	+20,577.054
42	+0.000	+0.000	+0.000	+2,592.493	+0.000	+19,827.149

43	+.000	+.000	+.000	+2,514.912	+.000	+19,233.818
44	+.000	+.000	+.000	+2,442.719	+.000	+18,681.690
45	+.000	+.000	+.000	+2,337.123	+.000	+17,874.101
46	+.000	+.000	+.000	+2,267.085	+.000	+17,338.455
47	+.000	+.000	+.000	+2,160.411	+.000	+16,522.624
48	+.000	+.000	+.000	+2,082.830	+.000	+15,929.293

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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	+76.582	+.000	-1,515.717	+.000
02	+.000	+.000	+76.830	+.000	-1,520.620	+.000
03	+.000	+.000	+75.798	+.000	-1,500.192	+.000
04	+.000	+.000	+74.931	+.000	-1,483.033	+.000
05	+.000	+.000	+73.692	+.000	-1,458.520	+.000
06	+.000	+.000	+72.990	+.000	-1,444.630	+.000
07	+.000	+.000	+71.463	+.000	-1,414.397	+.000
08	+.000	+.000	+70.142	+.000	-1,388.250	+.000
09	+.000	+.000	+69.481	+.000	-1,375.176	+.000
10	+.000	+.000	+69.481	+.000	-1,375.176	+.000
11	+.000	+.000	+71.546	+.000	-1,416.031	+.000
12	+.000	+.000	+72.454	+.000	-1,434.008	+.000
13	+.000	+.000	+73.445	+.000	-1,453.618	+.000
14	+.000	+.000	+74.105	+.000	-1,466.691	+.000
15	+.000	+.000	+76.747	+.000	-1,518.986	+.000
16	+.000	+.000	+79.224	+.000	-1,568.012	+.000
17	+.000	+.000	+83.023	+.000	-1,643.185	+.000
18	+.000	+.000	+86.325	+.000	-1,708.553	+.000
19	+.000	+.000	+87.027	+.000	-1,722.443	+.000
20	+.000	+.000	+86.573	+.000	-1,713.455	+.000
21	+.000	+.000	+85.582	+.000	-1,693.845	+.000
22	+.000	+.000	+83.559	+.000	-1,653.807	+.000
23	+.000	+.000	+83.064	+.000	-1,644.002	+.000
24	+.000	+.000	+84.261	+.000	-1,667.698	+.000
25	+.000	+.000	+84.385	+.000	-1,670.149	+.000
26	+.000	+.000	+84.178	+.000	-1,666.063	+.000
27	+.000	+.000	+84.591	+.000	-1,674.234	+.000
28	+.000	+.000	+83.435	+.000	-1,651.356	+.000
29	+.000	+.000	+83.848	+.000	-1,659.527	+.000
30	+.000	+.000	+85.004	+.000	-1,682.405	+.000
31	+.000	+.000	+87.357	+.000	-1,728.980	+.000
32	+.000	+.000	+90.536	+.000	-1,791.897	+.000
33	+.000	+.000	+95.614	+.000	-1,892.400	+.000
34	+.000	+.000	+101.353	+.000	-2,005.976	+.000
35	+.000	+.000	+108.908	+.000	-2,155.505	+.000
36	+.000	+.000	+112.954	+.000	-2,235.581	+.000
37	+.000	+.000	+111.921	+.000	-2,215.153	+.000
38	+.000	+.000	+110.642	+.000	-2,189.823	+.000
39	+.000	+.000	+108.041	+.000	-2,138.346	+.000
40	+.000	+.000	+105.894	+.000	-2,095.857	+.000
41	+.000	+.000	+103.087	+.000	-2,040.294	+.000
42	+.000	+.000	+99.330	+.000	-1,965.939	+.000



43	+.000	+.000	+96.357	+.000	-1,907.107	+.000
44	+.000	+.000	+93.591	+.000	-1,852.362	+.000
45	+.000	+.000	+89.545	+.000	-1,772.286	+.000
46	+.000	+.000	+86.862	+.000	-1,719.175	+.000
47	+.000	+.000	+82.775	+.000	-1,638.282	+.000
48	+.000	+.000	+79.802	+.000	-1,579.451	+.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	+292,925.744
02	+ .000	+310,535.548
03	+ .000	+319,122.079
04	+ .000	+322,468.123
05	+ .000	+308,284.471
06	+ .000	+304,689.668
07	+ .000	+285,446.950
08	+ .000	+301,903.546
09	+ .000	+302,228.893
10	+ .000	+287,703.943
11	+ .000	+294,259.941
12	+ .000	+287,357.668
13	+ .000	+269,089.066
14	+ .000	+254,337.218
15	+ .000	+243,241.737
16	+ .000	+247,796.202
17	+ .000	+239,924.822
18	+ .000	+267,859.172
19	+ .000	+242,578.705
20	+ .000	+226,930.587
21	+ .000	+215,764.858
22	+ .000	+208,971.421
23	+ .000	+207,746.632
24	+ .000	+177,944.604
25	+ .000	+194,173.277
26	+ .000	+184,215.613
27	+ .000	+177,821.180
28	+ .000	+166,121.259
29	+ .000	+141,775.077
30	+ .000	+128,370.528
31	+ .000	+118,512.251
32	+ .000	+115,001.349
33	+ .000	+113,744.282
34	+ .000	+113,963.088
35	+ .000	+144,023.376
36	+ .000	+150,151.180
37	+ .000	+133,899.971
38	+ .000	+130,106.918
39	+ .000	+130,405.920
40	+ .000	+121,196.311
41	+ .000	+120,482.109
42	+ .000	+113,801.140

43	+.000	+112,118.116
44	+.000	+103,089.735
45	+.000	+97,165.211
46	+.000	+111,169.402
47	+.000	+121,062.747
48	+.000	+108,962.583