

Date: 20/12/2019

Settlement Day:27/11/2019

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: 241

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,209,653.570	+10,575,508.540
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,191,966.120	+395,659,682.340
Balancing Services Contract Cost	+732,391.950	+213,164,030.651
Balancing Services Cost Variable	+97,001.020	+106,001,250.655
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	+125,666.557	+28,291,286.104
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+198,601,120.640
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+994,949.220
ESO Incentive Recovery t-1	+80,000.000	+4,000,000.000
ALoMCP Recovery	-81,709.830	-4,085,491.500
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+198,601,120.640
Total External Costs	+2,149,444.237	+751,025,707.470
Total Adjusted Energy Volume (MWh)	+1,533,589.156	

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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	+23,982.751	+70,413.003	+2.93599
02	+24,306.182	+80,309.068	+3.30406
03	+23,904.107	+75,646.515	+3.16458
04	+23,391.327	+69,932.639	+2.98968
05	+23,267.938	+62,452.055	+2.68404
06	+22,921.540	+60,835.075	+2.65406
07	+22,864.038	+64,605.523	+2.82564
08	+22,769.261	+64,011.750	+2.81132
09	+23,053.416	+67,333.729	+2.92077
10	+23,044.171	+63,796.189	+2.76843
11	+23,408.114	+63,784.335	+2.72488
12	+24,460.014	+61,384.503	+2.50959
13	+27,120.394	+68,753.441	+2.53512
14	+30,145.795	+65,744.286	+2.18088
15	+33,497.758	+63,805.651	+1.90477
16	+35,320.009	+56,716.974	+1.60580
17	+35,942.485	+71,903.138	+2.00051
18	+36,116.649	+45,273.279	+1.25353
19	+36,353.548	+45,385.911	+1.24846
20	+36,370.239	+54,061.342	+1.48642
21	+36,070.295	+43,196.382	+1.19756
22	+36,235.861	+43,911.962	+1.21184
23	+36,328.574	+45,630.665	+1.25605
24	+36,399.472	+54,642.917	+1.50120
25	+36,343.329	+59,475.921	+1.63650
26	+36,309.211	+58,414.330	+1.60880
27	+36,289.760	+50,370.069	+1.38800
28	+36,237.951	+49,908.202	+1.37724
29	+36,290.454	+42,161.599	+1.16178
30	+36,303.610	+31,990.014	+0.88118
31	+36,505.116	+26,509.916	+0.72620
32	+37,592.401	+43,984.255	+1.17003
33	+38,875.487	+71,443.745	+1.83776
34	+39,352.419	+75,461.405	+1.91758
35	+39,535.818	+71,780.581	+1.81558
36	+39,633.150	+60,283.584	+1.52104
37	+39,285.779	+62,561.043	+1.59246
38	+38,688.518	+64,030.810	+1.65503
39	+37,780.791	+71,374.906	+1.88919
40	+36,947.143	+59,476.335	+1.60977
41	+35,581.080	+50,674.657	+1.42420
42	+33,949.745	+56,183.426	+1.65490

43	+32,096.971	+80,471.893	+2.50715
44	+29,943.657	+57,101.465	+1.90696
45	+28,216.355	+61,028.986	+2.16289
46	+26,374.331	+66,165.358	+2.50870
47	+24,722.453	+114,120.666	+4.61607
48	+23,459.689	+125,028.626	+5.32951

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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	+0.01564	+49,512.09	+0.00	+49,179.32	+11,454.610	-5,112.650
02	+0.01585	+58,985.10	+0.00	+58,721.63	+11,608.412	-5,112.650
03	+0.01559	+53,002.26	+0.00	+52,751.06	+11,417.991	-3,366.650
04	+0.01525	+47,908.46	+0.00	+47,609.93	+11,168.977	-3,366.650
05	+0.01517	+40,156.05	+0.00	+39,936.86	+11,110.386	-3,039.400
06	+0.01495	+38,748.89	+0.00	+38,690.48	+10,949.260	-3,039.400
07	+0.01491	+43,022.01	+0.00	+42,708.31	+10,919.964	-3,219.400
08	+0.01485	+42,456.70	+0.00	+42,215.61	+10,876.020	-3,219.400
09	+0.01503	+45,891.65	+0.00	+45,659.37	+11,007.851	-3,644.400
10	+0.01503	+42,387.16	+0.00	+42,121.83	+11,007.851	-3,644.400
11	+0.01526	+41,210.34	+0.00	+40,889.03	+11,176.301	-2,810.900
12	+0.01595	+37,705.72	+0.00	+37,326.86	+11,681.652	-2,810.900
13	+0.01768	+33,356.09	+0.00	+32,939.59	+12,948.690	+6,031.040
14	+0.01966	+26,851.37	+0.00	+26,595.03	+14,398.826	+6,031.040
15	+0.02184	+22,031.08	+0.00	+21,582.68	+15,995.440	+5,432.440
16	+0.02303	+12,577.63	+0.00	+12,489.39	+16,866.987	+5,432.440
17	+0.02344	+27,292.73	+0.00	+26,984.89	+17,167.267	+5,432.440
18	+0.02355	+812.19	+0.00	+169.73	+17,247.830	+5,432.440
19	+0.02370	+112.66	+0.00	+29.68	+17,357.689	+5,432.440
20	+0.02372	+9,122.50	+0.00	+8,671.42	+17,372.337	+5,432.440
21	+0.02352	-1,668.92	+0.00	-1,856.63	+17,225.859	+5,432.440
22	+0.02363	-812.93	+0.00	-1,326.35	+17,306.422	+5,432.440
23	+0.02369	+578.57	+0.00	+291.28	+17,350.365	+5,432.440
24	+0.02373	+9,236.30	+0.00	+9,236.15	+17,379.661	+5,432.440
25	+0.02370	+14,188.76	+0.00	+14,119.69	+17,357.689	+5,432.440
26	+0.02368	+13,199.65	+0.00	+13,091.79	+17,343.041	+5,432.440
27	+0.02366	+10,513.99	+0.00	+10,513.66	+17,328.394	+0.000
28	+0.02363	+10,312.47	+0.00	+10,102.33	+17,306.422	+0.000
29	+0.02366	+2,364.22	+0.00	+2,305.19	+17,328.394	+0.000
30	+0.02367	-7,616.29	+0.00	-7,883.24	+17,335.717	+0.000
31	+0.02380	-12,099.00	+0.00	-13,582.33	+17,430.928	+0.000
32	+0.02451	+6,036.47	+0.00	+2,695.98	+17,950.927	+0.000
33	+0.02535	+24,531.57	+0.00	+23,308.01	+18,566.136	+5,432.440
34	+0.02566	+26,928.42	+0.00	+26,803.46	+18,793.177	+5,432.440
35	+0.02578	+23,288.76	+0.00	+22,920.49	+18,881.064	+5,432.440
36	+0.02584	+11,354.17	+0.00	+11,322.42	+18,925.008	+5,432.440
37	+0.02562	+14,237.68	+0.00	+13,970.48	+18,763.882	+5,432.440
38	+0.02523	+16,280.69	+0.00	+16,097.22	+18,478.249	+5,432.440
39	+0.02464	+24,540.96	+0.00	+24,435.20	+18,046.138	+5,432.440
40	+0.02409	+13,525.10	+0.00	+13,463.13	+17,643.322	+5,432.440
41	+0.02320	+6,499.59	+0.00	+6,160.70	+16,991.493	+5,432.440
42	+0.02214	+19,111.07	+0.00	+18,887.53	+16,215.158	+0.000

43	+0.02093	+45,446.95	+.00	+45,214.30	+15,328.964	+.000
44	+0.01953	+24,937.30	+.00	+24,202.24	+14,303.615	+.000
45	+0.01840	+30,519.55	+.00	+30,033.30	+13,476.012	+.000
46	+0.01720	+37,518.89	+.00	+37,191.13	+12,597.142	+.000
47	+0.01612	+80,665.56	+.00	+80,343.50	+11,806.158	+6,622.250
48	+0.01530	+92,891.34	+.00	+92,632.79	+11,205.597	+6,622.250

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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	+1,965.425	+0.000	+12,888.471
02	+0.000	+0.000	+0.000	+1,991.815	+0.000	+13,061.526
03	+0.000	+0.000	+0.000	+1,959.142	+0.000	+12,847.268
04	+0.000	+0.000	+0.000	+1,916.415	+0.000	+12,567.083
05	+0.000	+0.000	+0.000	+1,906.362	+0.000	+12,501.158
06	+0.000	+0.000	+0.000	+1,878.715	+0.000	+12,319.862
07	+0.000	+0.000	+0.000	+1,873.688	+0.000	+12,286.899
08	+0.000	+0.000	+0.000	+1,866.148	+0.000	+12,237.455
09	+0.000	+0.000	+0.000	+1,888.768	+0.000	+12,385.788
10	+0.000	+0.000	+0.000	+1,888.768	+0.000	+12,385.788
11	+0.000	+0.000	+0.000	+1,917.672	+0.000	+12,575.324
12	+0.000	+0.000	+0.000	+2,004.382	+0.000	+13,143.933
13	+0.000	+0.000	+0.000	+2,221.785	+0.000	+14,569.576
14	+0.000	+0.000	+0.000	+2,470.605	+0.000	+16,201.237
15	+0.000	+0.000	+0.000	+2,744.558	+0.000	+17,997.712
16	+0.000	+0.000	+0.000	+2,894.101	+0.000	+18,978.356
17	+0.000	+0.000	+0.000	+2,945.624	+0.000	+19,316.225
18	+0.000	+0.000	+0.000	+2,959.447	+0.000	+19,406.873
19	+0.000	+0.000	+0.000	+2,978.297	+0.000	+19,530.484
20	+0.000	+0.000	+0.000	+2,980.811	+0.000	+19,546.965
21	+0.000	+0.000	+0.000	+2,955.677	+0.000	+19,382.151
22	+0.000	+0.000	+0.000	+2,969.501	+0.000	+19,472.799
23	+0.000	+0.000	+0.000	+2,977.041	+0.000	+19,522.243
24	+0.000	+0.000	+0.000	+2,982.067	+0.000	+19,555.206
25	+0.000	+0.000	+0.000	+2,978.297	+0.000	+19,530.484
26	+0.000	+0.000	+0.000	+2,975.784	+0.000	+19,514.002
27	+0.000	+0.000	+0.000	+2,973.271	+0.000	+19,497.521
28	+0.000	+0.000	+0.000	+2,969.501	+0.000	+19,472.799
29	+0.000	+0.000	+0.000	+2,973.271	+0.000	+19,497.521
30	+0.000	+0.000	+0.000	+2,974.527	+0.000	+19,505.762
31	+0.000	+0.000	+0.000	+2,990.864	+0.000	+19,612.891
32	+0.000	+0.000	+0.000	+3,080.087	+0.000	+20,197.981
33	+0.000	+0.000	+0.000	+3,185.647	+0.000	+20,890.201
34	+0.000	+0.000	+0.000	+3,224.604	+0.000	+21,145.663
35	+0.000	+0.000	+0.000	+3,239.684	+0.000	+21,244.551
36	+0.000	+0.000	+0.000	+3,247.224	+0.000	+21,293.996
37	+0.000	+0.000	+0.000	+3,219.577	+0.000	+21,112.700
38	+0.000	+0.000	+0.000	+3,170.567	+0.000	+20,791.312
39	+0.000	+0.000	+0.000	+3,096.424	+0.000	+20,305.110
40	+0.000	+0.000	+0.000	+3,027.307	+0.000	+19,851.871
41	+0.000	+0.000	+0.000	+2,915.464	+0.000	+19,118.448
42	+0.000	+0.000	+0.000	+2,782.258	+0.000	+18,244.933

43	+.000	+.000	+.000	+2,630.201	+.000	+17,247.807
44	+.000	+.000	+.000	+2,454.268	+.000	+16,094.107
45	+.000	+.000	+.000	+2,312.265	+.000	+15,162.907
46	+.000	+.000	+.000	+2,161.465	+.000	+14,174.022
47	+.000	+.000	+.000	+2,025.745	+.000	+13,284.025
48	+.000	+.000	+.000	+1,922.698	+.000	+12,608.287

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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	+64.568	+1,251.200	-1,277.942	+.000
02	+.000	+.000	+65.435	+1,268.000	-1,295.101	+.000
03	+.000	+.000	+64.362	+1,247.200	-1,273.856	+.000
04	+.000	+.000	+62.958	+1,220.000	-1,246.075	+.000
05	+.000	+.000	+62.628	+1,213.600	-1,239.538	+.000
06	+.000	+.000	+61.720	+1,196.000	-1,221.562	+.000
07	+.000	+.000	+61.555	+1,192.800	-1,218.294	+.000
08	+.000	+.000	+61.307	+1,188.000	-1,213.391	+.000
09	+.000	+.000	+62.050	+1,202.400	-1,228.099	+.000
10	+.000	+.000	+62.050	+1,202.400	-1,228.099	+.000
11	+.000	+.000	+63.000	+1,220.800	-1,246.892	+.000
12	+.000	+.000	+65.848	+1,276.000	-1,303.272	+.000
13	+.000	+.000	+72.990	+1,414.400	-1,444.630	+.000
14	+.000	+.000	+81.165	+1,572.800	-1,606.415	+.000
15	+.000	+.000	+90.165	+1,747.200	-1,784.543	+.000
16	+.000	+.000	+95.078	+1,842.400	-1,881.777	+.000
17	+.000	+.000	+96.770	+1,875.200	-1,915.278	+.000
18	+.000	+.000	+97.224	+1,884.000	-1,924.266	+.000
19	+.000	+.000	+97.844	+1,896.000	-1,936.523	+.000
20	+.000	+.000	+97.926	+1,897.600	-1,938.157	+.000
21	+.000	+.000	+97.100	+1,881.600	-1,921.815	+.000
22	+.000	+.000	+97.555	+1,890.400	-1,930.803	+.000
23	+.000	+.000	+97.802	+1,895.200	-1,935.706	+.000
24	+.000	+.000	+97.967	+1,898.400	-1,938.974	+.000
25	+.000	+.000	+97.844	+1,896.000	-1,936.523	+.000
26	+.000	+.000	+97.761	+1,894.400	-1,934.889	+.000
27	+.000	+.000	+97.678	+1,892.800	-1,933.255	+.000
28	+.000	+.000	+97.555	+1,890.400	-1,930.803	+.000
29	+.000	+.000	+97.678	+1,892.800	-1,933.255	+.000
30	+.000	+.000	+97.720	+1,893.600	-1,934.072	+.000
31	+.000	+.000	+98.256	+1,904.000	-1,944.694	+.000
32	+.000	+.000	+101.188	+1,960.800	-2,002.708	+.000
33	+.000	+.000	+104.655	+2,028.000	-2,071.344	+.000
34	+.000	+.000	+105.935	+2,052.800	-2,096.674	+.000
35	+.000	+.000	+106.431	+2,062.400	-2,106.479	+.000
36	+.000	+.000	+106.678	+2,067.200	-2,111.382	+.000
37	+.000	+.000	+105.770	+2,049.600	-2,093.406	+.000
38	+.000	+.000	+104.160	+2,018.400	-2,061.539	+.000
39	+.000	+.000	+101.724	+1,971.200	-2,013.330	+.000
40	+.000	+.000	+99.454	+1,927.200	-1,968.390	+.000
41	+.000	+.000	+95.779	+1,856.000	-1,895.668	+.000
42	+.000	+.000	+91.403	+1,771.200	-1,809.056	+.000

43	+.000	+.000	+86.408	+1,674.400	-1,710.187	+.000
44	+.000	+.000	+80.628	+1,562.400	-1,595.793	+.000
45	+.000	+.000	+75.963	+1,472.000	-1,503.461	+.000
46	+.000	+.000	+71.009	+1,376.000	-1,405.409	+.000
47	+.000	+.000	+66.550	+1,289.600	-1,317.162	+.000
48	+.000	+.000	+63.165	+1,224.000	-1,250.160	+.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	+70,413.003
02	+ .000	+80,309.068
03	+ .000	+75,646.515
04	+ .000	+69,932.639
05	+ .000	+62,452.055
06	+ .000	+60,835.075
07	+ .000	+64,605.523
08	+ .000	+64,011.750
09	+ .000	+67,333.729
10	+ .000	+63,796.189
11	+ .000	+63,784.335
12	+ .000	+61,384.503
13	+ .000	+68,753.441
14	+ .000	+65,744.286
15	+ .000	+63,805.651
16	+ .000	+56,716.974
17	+ .000	+71,903.138
18	+ .000	+45,273.279
19	+ .000	+45,385.911
20	+ .000	+54,061.342
21	+ .000	+43,196.382
22	+ .000	+43,911.962
23	+ .000	+45,630.665
24	+ .000	+54,642.917
25	+ .000	+59,475.921
26	+ .000	+58,414.330
27	+ .000	+50,370.069
28	+ .000	+49,908.202
29	+ .000	+42,161.599
30	+ .000	+31,990.014
31	+ .000	+26,509.916
32	+ .000	+43,984.255
33	+ .000	+71,443.745
34	+ .000	+75,461.405
35	+ .000	+71,780.581
36	+ .000	+60,283.584
37	+ .000	+62,561.043
38	+ .000	+64,030.810
39	+ .000	+71,374.906
40	+ .000	+59,476.335
41	+ .000	+50,674.657
42	+ .000	+56,183.426

43	+.000	+80,471.893
44	+.000	+57,101.465
45	+.000	+61,028.986
46	+.000	+66,165.358
47	+.000	+114,120.666
48	+.000	+125,028.626