

Date: 23/12/2019

Settlement Day:28/11/2019

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: 242

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+2,754,359.570	+13,329,868.110
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+2,722,873.720	+398,382,556.060
Balancing Services Contract Cost	+774,964.810	+213,938,995.461
Balancing Services Cost Variable	+329,035.600	+106,330,286.255
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	+28,416,952.661
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+199,425,191.680
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+999,077.640
ESO Incentive Recovery t-1	+80,000.000	+4,080,000.000
ALoMCP Recovery	-81,709.830	-4,167,201.330
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+199,425,191.680
Total External Costs	+3,954,959.277	+754,980,666.747
Total Adjusted Energy Volume (MWh)	+1,522,400.025	

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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	+23,090.085	+127,235.476	+5.51039
02	+23,280.323	+132,075.040	+5.67325
03	+23,025.773	+119,238.289	+5.17847
04	+23,006.845	+120,381.738	+5.23243
05	+22,828.680	+131,137.915	+5.74444
06	+22,590.812	+143,721.346	+6.36194
07	+22,420.923	+145,732.642	+6.49985
08	+22,290.704	+145,889.161	+6.54484
09	+22,143.816	+172,220.081	+7.77734
10	+22,372.896	+178,002.409	+7.95616
11	+22,848.987	+180,341.266	+7.89275
12	+23,454.645	+194,109.405	+8.27595
13	+25,813.574	+177,587.922	+6.87963
14	+28,755.208	+146,501.166	+5.09477
15	+32,040.541	+117,610.367	+3.67067
16	+33,866.572	+93,185.322	+2.75154
17	+34,639.459	+101,257.223	+2.92318
18	+34,541.803	+86,079.155	+2.49203
19	+35,277.391	+85,874.934	+2.43428
20	+35,390.917	+82,002.413	+2.31705
21	+35,233.558	+85,217.400	+2.41864
22	+35,267.275	+100,098.824	+2.83829
23	+34,948.808	+88,187.908	+2.52335
24	+35,113.380	+79,827.990	+2.27344
25	+35,301.331	+80,522.826	+2.28101
26	+35,525.873	+82,398.804	+2.31940
27	+35,548.909	+73,841.605	+2.07718
28	+35,659.477	+69,780.894	+1.95687
29	+36,062.018	+77,952.556	+2.16162
30	+36,170.432	+65,638.455	+1.81470
31	+36,383.906	+65,579.332	+1.80243
32	+37,546.588	+79,322.854	+2.11265
33	+38,378.459	+94,258.550	+2.45603
34	+39,370.154	+86,344.599	+2.19315
35	+39,652.690	+84,916.112	+2.14150
36	+39,421.201	+88,675.573	+2.24944
37	+39,043.821	+79,744.334	+2.04243
38	+38,953.132	+71,692.156	+1.84047
39	+38,950.303	+84,062.125	+2.15819
40	+38,000.744	+64,815.150	+1.70563
41	+36,852.576	+59,605.829	+1.61741
42	+35,544.745	+59,381.865	+1.67062

43	+33,886.732	+77,992.013	+2.30155
44	+31,996.870	+64,387.843	+2.01232
45	+30,207.141	+67,603.471	+2.23800
46	+28,383.690	+50,791.915	+1.78948
47	+26,208.542	+53,000.764	+2.02227
48	+25,107.716	+63,274.385	+2.52012

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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	+0.01517	+94,739.13	+0.00	+93,345.80	+11,756.216	+7,689.250
02	+0.01529	+98,263.54	+0.00	+97,978.11	+11,849.212	+7,689.250
03	+0.01512	+85,555.02	+0.00	+83,310.22	+11,717.468	+9,814.000
04	+0.01511	+84,679.17	+0.00	+84,470.94	+11,709.718	+9,814.000
05	+0.01500	+92,615.73	+0.00	+91,853.10	+11,624.472	+13,378.000
06	+0.01484	+105,434.52	+0.00	+104,712.87	+11,500.478	+13,378.000
07	+0.01473	+109,207.46	+0.00	+108,282.15	+11,415.232	+12,010.000
08	+0.01464	+110,103.47	+0.00	+108,594.11	+11,345.485	+12,010.000
09	+0.01455	+119,742.32	+0.00	+118,970.53	+11,275.738	+28,119.940
10	+0.01470	+126,090.80	+0.00	+124,493.79	+11,391.983	+28,119.940
11	+0.01501	+138,507.29	+0.00	+137,431.88	+11,632.222	+16,985.300
12	+0.01541	+151,136.98	+0.00	+150,509.17	+11,942.208	+16,985.300
13	+0.01696	+131,296.42	+0.00	+129,418.51	+13,143.403	+18,877.440
14	+0.01889	+95,487.70	+0.00	+94,998.41	+14,639.085	+18,877.440
15	+0.02105	+76,491.11	+0.00	+75,822.03	+16,313.009	+5,432.440
16	+0.02225	+51,438.49	+0.00	+49,324.44	+17,242.967	+5,432.440
17	+0.02275	+57,137.63	+0.00	+56,532.78	+17,630.449	+5,432.440
18	+0.02269	+41,847.68	+0.00	+41,458.34	+17,583.952	+5,432.440
19	+0.02317	+40,601.26	+0.00	+40,425.10	+17,955.935	+5,432.440
20	+0.02325	+36,593.49	+0.00	+36,414.41	+18,017.932	+5,432.440
21	+0.02314	+39,968.57	+0.00	+39,819.38	+17,932.686	+5,432.440
22	+0.02317	+54,741.27	+0.00	+54,648.99	+17,955.935	+5,432.440
23	+0.02296	+43,152.99	+0.00	+43,100.77	+17,793.192	+5,432.440
24	+0.02306	+34,721.33	+0.00	+34,568.14	+17,870.689	+5,432.440
25	+0.02319	+35,321.57	+0.00	+35,038.45	+17,971.434	+5,432.440
26	+0.02334	+36,797.45	+0.00	+36,655.36	+18,087.679	+5,432.440
27	+0.02335	+33,705.93	+0.00	+33,513.33	+18,095.428	+0.000
28	+0.02342	+29,634.31	+0.00	+29,331.72	+18,149.676	+0.000
29	+0.02369	+37,345.35	+0.00	+37,037.06	+18,358.916	+0.000
30	+0.02376	+25,168.80	+0.00	+24,602.06	+18,413.164	+0.000
31	+0.02390	+24,942.27	+0.00	+24,301.14	+18,521.659	+0.000
32	+0.02466	+37,703.90	+0.00	+36,732.05	+19,110.632	+0.000
33	+0.02521	+46,427.47	+0.00	+45,285.39	+19,536.863	+5,432.440
34	+0.02586	+37,698.85	+0.00	+36,248.81	+20,040.590	+5,432.440
35	+0.02605	+36,424.56	+0.00	+34,492.17	+20,187.833	+5,432.440
36	+0.02589	+38,816.84	+0.00	+38,527.97	+20,063.839	+5,432.440
37	+0.02565	+30,488.39	+0.00	+30,011.24	+19,877.847	+5,432.440
38	+0.02559	+22,838.45	+0.00	+22,062.69	+19,831.349	+5,432.440
39	+0.02558	+35,168.52	+0.00	+34,449.93	+19,823.600	+5,432.440
40	+0.02496	+16,629.69	+0.00	+16,273.77	+19,343.122	+5,432.440
41	+0.02421	+12,455.07	+0.00	+12,359.79	+18,761.898	+5,432.440
42	+0.02335	+19,313.31	+0.00	+19,053.59	+18,095.428	+0.000

43	+0.02226	+39,706.99	+.00	+39,546.30	+17,250.717	+.000
44	+0.02102	+28,367.77	+.00	+28,083.76	+16,289.760	+.000
45	+0.01984	+33,625.49	+.00	+33,337.39	+15,375.302	+.000
46	+0.01864	+18,868.24	+.00	+18,598.38	+14,445.344	+.000
47	+0.01722	+23,006.15	+.00	+22,656.49	+13,344.894	+603.250
48	+0.01649	+34,350.83	+.00	+34,190.91	+12,779.170	+603.250

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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	+1,906.362	+0.000	+12,501.158
02	+0.000	+0.000	+0.000	+1,921.442	+0.000	+12,600.046
03	+0.000	+0.000	+0.000	+1,900.078	+0.000	+12,459.954
04	+0.000	+0.000	+0.000	+1,898.822	+0.000	+12,451.713
05	+0.000	+0.000	+0.000	+1,884.998	+0.000	+12,361.066
06	+0.000	+0.000	+0.000	+1,864.892	+0.000	+12,229.214
07	+0.000	+0.000	+0.000	+1,851.068	+0.000	+12,138.566
08	+0.000	+0.000	+0.000	+1,839.758	+0.000	+12,064.400
09	+0.000	+0.000	+0.000	+1,828.448	+0.000	+11,990.234
10	+0.000	+0.000	+0.000	+1,847.298	+0.000	+12,113.844
11	+0.000	+0.000	+0.000	+1,886.255	+0.000	+12,369.306
12	+0.000	+0.000	+0.000	+1,936.522	+0.000	+12,698.935
13	+0.000	+0.000	+0.000	+2,131.305	+0.000	+13,976.245
14	+0.000	+0.000	+0.000	+2,373.841	+0.000	+15,566.702
15	+0.000	+0.000	+0.000	+2,645.281	+0.000	+17,346.695
16	+0.000	+0.000	+0.000	+2,796.081	+0.000	+18,335.581
17	+0.000	+0.000	+0.000	+2,858.914	+0.000	+18,747.616
18	+0.000	+0.000	+0.000	+2,851.374	+0.000	+18,698.172
19	+0.000	+0.000	+0.000	+2,911.694	+0.000	+19,093.726
20	+0.000	+0.000	+0.000	+2,921.747	+0.000	+19,159.652
21	+0.000	+0.000	+0.000	+2,907.924	+0.000	+19,069.004
22	+0.000	+0.000	+0.000	+2,911.694	+0.000	+19,093.726
23	+0.000	+0.000	+0.000	+2,885.304	+0.000	+18,920.671
24	+0.000	+0.000	+0.000	+2,897.871	+0.000	+19,003.078
25	+0.000	+0.000	+0.000	+2,914.207	+0.000	+19,110.207
26	+0.000	+0.000	+0.000	+2,933.057	+0.000	+19,233.818
27	+0.000	+0.000	+0.000	+2,934.314	+0.000	+19,242.059
28	+0.000	+0.000	+0.000	+2,943.111	+0.000	+19,299.744
29	+0.000	+0.000	+0.000	+2,977.041	+0.000	+19,522.243
30	+0.000	+0.000	+0.000	+2,985.837	+0.000	+19,579.928
31	+0.000	+0.000	+0.000	+3,003.431	+0.000	+19,695.298
32	+0.000	+0.000	+0.000	+3,098.937	+0.000	+20,321.592
33	+0.000	+0.000	+0.000	+3,168.054	+0.000	+20,774.831
34	+0.000	+0.000	+0.000	+3,249.737	+0.000	+21,310.477
35	+0.000	+0.000	+0.000	+3,273.614	+0.000	+21,467.051
36	+0.000	+0.000	+0.000	+3,253.507	+0.000	+21,335.199
37	+0.000	+0.000	+0.000	+3,223.347	+0.000	+21,137.422
38	+0.000	+0.000	+0.000	+3,215.807	+0.000	+21,087.978
39	+0.000	+0.000	+0.000	+3,214.551	+0.000	+21,079.737
40	+0.000	+0.000	+0.000	+3,136.637	+0.000	+20,568.813
41	+0.000	+0.000	+0.000	+3,042.387	+0.000	+19,950.760
42	+0.000	+0.000	+0.000	+2,934.314	+0.000	+19,242.059

43	+.000	+.000	+.000	+2,797.338	+.000	+18,343.821
44	+.000	+.000	+.000	+2,641.511	+.000	+17,321.973
45	+.000	+.000	+.000	+2,493.224	+.000	+16,349.569
46	+.000	+.000	+.000	+2,342.425	+.000	+15,360.684
47	+.000	+.000	+.000	+2,163.978	+.000	+14,190.503
48	+.000	+.000	+.000	+2,072.242	+.000	+13,588.931

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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	+62.628	+1,213.600	-1,239.538	+.000
02	+.000	+.000	+63.124	+1,223.200	-1,249.343	+.000
03	+.000	+.000	+62.422	+1,209.600	-1,235.453	+.000
04	+.000	+.000	+62.380	+1,208.800	-1,234.636	+.000
05	+.000	+.000	+61.926	+1,200.000	-1,225.647	+.000
06	+.000	+.000	+61.266	+1,187.200	-1,212.574	+.000
07	+.000	+.000	+60.812	+1,178.400	-1,203.586	+.000
08	+.000	+.000	+60.440	+1,171.200	-1,196.232	+.000
09	+.000	+.000	+60.069	+1,164.000	-1,188.878	+.000
10	+.000	+.000	+60.688	+1,176.000	-1,201.135	+.000
11	+.000	+.000	+61.968	+1,200.800	-1,226.465	+.000
12	+.000	+.000	+63.619	+1,232.800	-1,259.148	+.000
13	+.000	+.000	+70.018	+1,356.800	-1,385.799	+.000
14	+.000	+.000	+77.986	+1,511.200	-1,543.499	+.000
15	+.000	+.000	+86.903	+1,684.000	-1,719.992	+.000
16	+.000	+.000	+91.857	+1,780.000	-1,818.044	+.000
17	+.000	+.000	+93.922	+1,820.000	-1,858.899	+.000
18	+.000	+.000	+93.674	+1,815.200	-1,853.996	+.000
19	+.000	+.000	+95.655	+1,853.600	-1,893.217	+.000
20	+.000	+.000	+95.986	+1,860.000	-1,899.754	+.000
21	+.000	+.000	+95.532	+1,851.200	-1,890.765	+.000
22	+.000	+.000	+95.655	+1,853.600	-1,893.217	+.000
23	+.000	+.000	+94.789	+1,836.800	-1,876.058	+.000
24	+.000	+.000	+95.201	+1,844.800	-1,884.229	+.000
25	+.000	+.000	+95.738	+1,855.200	-1,894.851	+.000
26	+.000	+.000	+96.357	+1,867.200	-1,907.107	+.000
27	+.000	+.000	+96.399	+1,868.000	-1,907.925	+.000
28	+.000	+.000	+96.688	+1,873.600	-1,913.644	+.000
29	+.000	+.000	+97.802	+1,895.200	-1,935.706	+.000
30	+.000	+.000	+98.091	+1,900.800	-1,941.426	+.000
31	+.000	+.000	+98.669	+1,912.000	-1,952.865	+.000
32	+.000	+.000	+101.807	+1,972.800	-2,014.964	+.000
33	+.000	+.000	+104.077	+2,016.800	-2,059.905	+.000
34	+.000	+.000	+106.761	+2,068.800	-2,113.016	+.000
35	+.000	+.000	+107.545	+2,084.000	-2,128.541	+.000
36	+.000	+.000	+106.885	+2,071.200	-2,115.467	+.000
37	+.000	+.000	+105.894	+2,052.000	-2,095.857	+.000
38	+.000	+.000	+105.646	+2,047.200	-2,090.955	+.000
39	+.000	+.000	+105.605	+2,046.400	-2,090.137	+.000
40	+.000	+.000	+103.045	+1,996.800	-2,039.477	+.000
41	+.000	+.000	+99.949	+1,936.800	-1,978.195	+.000
42	+.000	+.000	+96.399	+1,868.000	-1,907.925	+.000

43	+.000	+.000	+91.899	+1,780.800	-1,818.861	+.000
44	+.000	+.000	+86.779	+1,681.600	-1,717.541	+.000
45	+.000	+.000	+81.908	+1,587.200	-1,621.123	+.000
46	+.000	+.000	+76.954	+1,491.200	-1,523.071	+.000
47	+.000	+.000	+71.091	+1,377.600	-1,407.043	+.000
48	+.000	+.000	+68.078	+1,319.200	-1,347.395	+.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	+127,235.476
02	+ .000	+132,075.040
03	+ .000	+119,238.289
04	+ .000	+120,381.738
05	+ .000	+131,137.915
06	+ .000	+143,721.346
07	+ .000	+145,732.642
08	+ .000	+145,889.161
09	+ .000	+172,220.081
10	+ .000	+178,002.409
11	+ .000	+180,341.266
12	+ .000	+194,109.405
13	+ .000	+177,587.922
14	+ .000	+146,501.166
15	+ .000	+117,610.367
16	+ .000	+93,185.322
17	+ .000	+101,257.223
18	+ .000	+86,079.155
19	+ .000	+85,874.934
20	+ .000	+82,002.413
21	+ .000	+85,217.400
22	+ .000	+100,098.824
23	+ .000	+88,187.908
24	+ .000	+79,827.990
25	+ .000	+80,522.826
26	+ .000	+82,398.804
27	+ .000	+73,841.605
28	+ .000	+69,780.894
29	+ .000	+77,952.556
30	+ .000	+65,638.455
31	+ .000	+65,579.332
32	+ .000	+79,322.854
33	+ .000	+94,258.550
34	+ .000	+86,344.599
35	+ .000	+84,916.112
36	+ .000	+88,675.573
37	+ .000	+79,744.334
38	+ .000	+71,692.156
39	+ .000	+84,062.125
40	+ .000	+64,815.150
41	+ .000	+59,605.829
42	+ .000	+59,381.865

43	+.000	+77,992.013
44	+.000	+64,387.843
45	+.000	+67,603.471
46	+.000	+50,791.915
47	+.000	+53,000.764
48	+.000	+63,274.385