

Date: 17/01/2020

Settlement Day:22/12/2019

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: 266

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,167,361.580	+85,481,541.760
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,155,403.410	+469,771,106.090
Balancing Services Contract Cost	+815,407.821	+235,364,797.703
Balancing Services Cost Variable	+259,581.210	+116,136,889.145
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	+122,648.326	+31,384,180.488
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+219,202,896.640
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,098,159.720
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-6,128,237.250
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+219,202,896.640
Total External Costs	+2,275,459.357	+858,866,895.896
Total Adjusted Energy Volume (MWh)	+1,302,495.521	

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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	+23,128.798	+55,616.323	+2.40464
02	+23,234.027	+59,250.967	+2.55018
03	+22,763.743	+67,024.440	+2.94435
04	+21,978.329	+63,964.887	+2.91036
05	+21,526.887	+66,085.262	+3.06989
06	+21,172.276	+60,602.064	+2.86233
07	+20,872.598	+58,499.159	+2.80268
08	+20,507.470	+55,596.881	+2.71106
09	+20,542.567	+53,309.187	+2.59506
10	+20,525.162	+52,146.341	+2.54061
11	+20,466.785	+50,333.134	+2.45926
12	+20,704.643	+57,983.088	+2.80049
13	+21,256.559	+61,056.857	+2.87238
14	+21,952.653	+69,922.776	+3.18516
15	+22,767.097	+61,766.100	+2.71295
16	+23,438.973	+62,049.904	+2.64730
17	+24,868.016	+56,578.959	+2.27517
18	+26,401.581	+49,728.303	+1.88354
19	+27,900.200	+42,527.901	+1.52429
20	+28,980.571	+45,122.304	+1.55698
21	+29,535.526	+40,569.338	+1.37358
22	+29,594.234	+45,304.940	+1.53087
23	+29,781.937	+45,092.582	+1.51409
24	+29,963.378	+40,519.783	+1.35231
25	+30,068.765	+39,560.582	+1.31567
26	+29,995.966	+38,845.829	+1.29504
27	+30,162.999	+49,069.990	+1.62683
28	+30,193.336	+47,866.881	+1.58535
29	+30,467.915	+55,102.586	+1.80854
30	+30,702.491	+57,543.324	+1.87422
31	+31,316.908	+63,346.410	+2.02275
32	+31,969.572	+68,820.643	+2.15269
33	+33,556.644	+77,548.239	+2.31097
34	+34,637.007	+84,569.632	+2.44160
35	+35,000.877	+87,171.315	+2.49055
36	+34,699.933	+85,750.440	+2.47120
37	+34,504.952	+108,535.448	+3.14550
38	+33,622.928	+81,625.237	+2.42767
39	+32,816.415	+79,049.234	+2.40883
40	+32,168.845	+70,835.031	+2.20198
41	+31,369.237	+75,839.572	+2.41764
42	+30,106.913	+72,844.053	+2.41951

43	+28,751.406	+91,326.925	+3.17643
44	+27,240.887	+76,655.842	+2.81400
45	+25,870.665	+76,695.639	+2.96458
46	+24,499.810	+82,233.046	+3.35648
47	+23,110.003	+105,693.582	+4.57350
48	+21,797.037	+102,298.901	+4.69325

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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	+0.01776	+12,393.62	+0.00	+12,305.04	+14,481.643	+13,393.750
02	+0.01784	+15,853.78	+0.00	+15,804.92	+14,546.876	+13,393.750
03	+0.01748	+24,904.68	+0.00	+24,759.08	+14,253.329	+12,819.500
04	+0.01687	+22,787.36	+0.00	+22,727.10	+13,755.930	+12,819.500
05	+0.01653	+25,750.29	+0.00	+25,743.72	+13,478.691	+12,496.000
06	+0.01626	+20,847.76	+0.00	+20,715.35	+13,258.531	+12,496.000
07	+0.01603	+18,730.02	+0.00	+18,592.64	+13,070.987	+12,903.250
08	+0.01574	+16,398.41	+0.00	+16,178.88	+12,834.519	+12,903.250
09	+0.01577	+13,576.29	+0.00	+13,487.90	+12,858.981	+13,256.000
10	+0.01576	+12,392.90	+0.00	+12,341.90	+12,850.827	+13,256.000
11	+0.01571	+11,539.13	+0.00	+11,511.92	+12,810.057	+12,357.000
12	+0.01590	+19,075.67	+0.00	+18,841.81	+12,964.984	+12,357.000
13	+0.01632	+21,128.63	+0.00	+20,901.50	+13,307.456	+12,663.570
14	+0.01685	+29,001.01	+0.00	+28,874.61	+13,739.622	+12,663.570
15	+0.01748	+33,019.53	+0.00	+32,889.49	+14,253.329	-569.250
16	+0.01800	+32,553.59	+0.00	+32,297.33	+14,677.341	-569.250
17	+0.01909	+24,770.73	+0.00	+24,420.98	+15,566.135	+0.000
18	+0.02027	+15,666.50	+0.00	+15,582.56	+16,528.317	+0.000
19	+0.02142	+6,952.15	+0.00	+6,444.93	+17,466.036	+0.000
20	+0.02225	+7,752.30	+0.00	+7,641.16	+18,142.824	+0.000
21	+0.02268	+2,644.86	+0.00	+2,363.84	+18,493.449	+0.000
22	+0.02272	+5,280.60	+0.00	+1,810.13	+18,526.066	+5,221.930
23	+0.02287	+1,348.60	+0.00	+1,345.09	+18,648.377	+5,221.930
24	+0.02300	-3,445.52	+0.00	-3,446.70	+18,754.380	+5,221.930
25	+0.02309	-4,557.51	+0.00	-4,557.51	+18,827.767	+5,221.930
26	+0.02303	-5,171.19	+0.00	-5,171.19	+18,778.842	+5,221.930
27	+0.02316	+5,136.74	+0.00	+4,833.98	+18,884.845	+5,221.930
28	+0.02318	+9,194.49	+0.00	+8,819.11	+18,901.153	+0.000
29	+0.02339	+15,718.16	+0.00	+15,701.06	+19,072.389	+0.000
30	+0.02357	+17,921.45	+0.00	+17,838.58	+19,219.162	+0.000
31	+0.02404	+22,891.41	+0.00	+22,849.93	+19,602.404	+0.000
32	+0.02454	+27,493.89	+0.00	+27,481.89	+20,010.108	+0.000
33	+0.02576	+29,452.00	+0.00	+28,932.41	+21,004.905	+5,221.930
34	+0.02659	+34,873.98	+0.00	+34,555.63	+21,681.694	+5,221.930
35	+0.02687	+36,915.01	+0.00	+36,685.64	+21,910.008	+5,221.930
36	+0.02664	+35,853.31	+0.00	+35,652.21	+21,722.464	+5,221.930
37	+0.02649	+58,963.96	+0.00	+58,689.90	+21,600.153	+5,221.930
38	+0.02581	+33,201.49	+0.00	+32,925.18	+21,045.676	+5,221.930
39	+0.02520	+31,943.37	+0.00	+31,376.75	+20,548.277	+5,221.930
40	+0.02470	+29,383.46	+0.00	+29,226.75	+20,140.573	+0.000
41	+0.02408	+35,533.86	+0.00	+35,275.71	+19,635.020	+0.000
42	+0.02311	+34,235.06	+0.00	+33,914.20	+18,844.075	+0.000

43	+0.02207	+54,162.31	+.00	+54,149.00	+17,996.051	+.000
44	+0.02091	+41,829.61	+.00	+41,431.99	+17,050.178	+.000
45	+0.01986	+45,204.22	+.00	+44,973.44	+16,193.999	-1,732.880
46	+0.01881	+52,812.45	+.00	+52,759.62	+15,337.821	-2,212.880
47	+0.01774	+67,348.21	+.00	+67,071.12	+14,465.335	+8,738.620
48	+0.01673	+66,098.95	+.00	+65,852.83	+13,641.773	+8,263.620

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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	+2,178.234	+0.000	+14,635.502
02	+0.000	+0.000	+0.000	+2,188.046	+0.000	+14,701.427
03	+0.000	+0.000	+0.000	+2,143.893	+0.000	+14,404.762
04	+0.000	+0.000	+0.000	+2,069.077	+0.000	+13,902.078
05	+0.000	+0.000	+0.000	+2,027.377	+0.000	+13,621.894
06	+0.000	+0.000	+0.000	+1,994.262	+0.000	+13,399.395
07	+0.000	+0.000	+0.000	+1,966.053	+0.000	+13,209.859
08	+0.000	+0.000	+0.000	+1,930.485	+0.000	+12,970.878
09	+0.000	+0.000	+0.000	+1,934.164	+0.000	+12,995.600
10	+0.000	+0.000	+0.000	+1,932.938	+0.000	+12,987.360
11	+0.000	+0.000	+0.000	+1,926.805	+0.000	+12,946.156
12	+0.000	+0.000	+0.000	+1,950.108	+0.000	+13,102.730
13	+0.000	+0.000	+0.000	+2,001.621	+0.000	+13,448.839
14	+0.000	+0.000	+0.000	+2,066.624	+0.000	+13,885.597
15	+0.000	+0.000	+0.000	+2,143.893	+0.000	+14,404.762
16	+0.000	+0.000	+0.000	+2,207.670	+0.000	+14,833.279
17	+0.000	+0.000	+0.000	+2,341.357	+0.000	+15,731.516
18	+0.000	+0.000	+0.000	+2,486.082	+0.000	+16,703.920
19	+0.000	+0.000	+0.000	+2,627.127	+0.000	+17,651.602
20	+0.000	+0.000	+0.000	+2,728.925	+0.000	+18,335.581
21	+0.000	+0.000	+0.000	+2,781.664	+0.000	+18,689.931
22	+0.000	+0.000	+0.000	+2,786.570	+0.000	+18,722.894
23	+0.000	+0.000	+0.000	+2,804.967	+0.000	+18,846.505
24	+0.000	+0.000	+0.000	+2,820.911	+0.000	+18,953.634
25	+0.000	+0.000	+0.000	+2,831.950	+0.000	+19,027.800
26	+0.000	+0.000	+0.000	+2,824.591	+0.000	+18,978.356
27	+0.000	+0.000	+0.000	+2,840.535	+0.000	+19,085.485
28	+0.000	+0.000	+0.000	+2,842.988	+0.000	+19,101.967
29	+0.000	+0.000	+0.000	+2,868.744	+0.000	+19,275.022
30	+0.000	+0.000	+0.000	+2,890.821	+0.000	+19,423.354
31	+0.000	+0.000	+0.000	+2,948.466	+0.000	+19,810.668
32	+0.000	+0.000	+0.000	+3,009.790	+0.000	+20,222.703
33	+0.000	+0.000	+0.000	+3,159.421	+0.000	+21,228.070
34	+0.000	+0.000	+0.000	+3,261.219	+0.000	+21,912.049
35	+0.000	+0.000	+0.000	+3,295.561	+0.000	+22,142.789
36	+0.000	+0.000	+0.000	+3,267.351	+0.000	+21,953.253
37	+0.000	+0.000	+0.000	+3,248.954	+0.000	+21,829.642
38	+0.000	+0.000	+0.000	+3,165.553	+0.000	+21,269.274
39	+0.000	+0.000	+0.000	+3,090.738	+0.000	+20,766.590
40	+0.000	+0.000	+0.000	+3,029.414	+0.000	+20,354.555
41	+0.000	+0.000	+0.000	+2,953.372	+0.000	+19,843.631
42	+0.000	+0.000	+0.000	+2,834.403	+0.000	+19,044.282

43	+.000	+.000	+.000	+2,706.849	+.000	+18,187.248
44	+.000	+.000	+.000	+2,564.576	+.000	+17,231.325
45	+.000	+.000	+.000	+2,435.796	+.000	+16,366.051
46	+.000	+.000	+.000	+2,307.015	+.000	+15,500.776
47	+.000	+.000	+.000	+2,175.781	+.000	+14,619.020
48	+.000	+.000	+.000	+2,051.906	+.000	+13,786.708

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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	+73.321	+.000	-1,451.167	+.000
02	+.000	+.000	+73.651	+.000	-1,457.703	+.000
03	+.000	+.000	+72.165	+.000	-1,428.288	+.000
04	+.000	+.000	+69.646	+.000	-1,378.445	+.000
05	+.000	+.000	+68.243	+.000	-1,350.663	+.000
06	+.000	+.000	+67.128	+.000	-1,328.602	+.000
07	+.000	+.000	+66.179	+.000	-1,309.809	+.000
08	+.000	+.000	+64.981	+.000	-1,286.113	+.000
09	+.000	+.000	+65.105	+.000	-1,288.564	+.000
10	+.000	+.000	+65.064	+.000	-1,287.747	+.000
11	+.000	+.000	+64.857	+.000	-1,283.661	+.000
12	+.000	+.000	+65.642	+.000	-1,299.186	+.000
13	+.000	+.000	+67.376	+.000	-1,333.504	+.000
14	+.000	+.000	+69.564	+.000	-1,376.811	+.000
15	+.000	+.000	+72.165	+.000	-1,428.288	+.000
16	+.000	+.000	+74.312	+.000	-1,470.777	+.000
17	+.000	+.000	+78.812	+.000	-1,559.841	+.000
18	+.000	+.000	+83.683	+.000	-1,656.258	+.000
19	+.000	+.000	+88.431	+.000	-1,750.225	+.000
20	+.000	+.000	+91.857	+.000	-1,818.044	+.000
21	+.000	+.000	+93.633	+.000	-1,853.179	+.000
22	+.000	+.000	+93.798	+.000	-1,856.447	+.000
23	+.000	+.000	+94.417	+.000	-1,868.704	+.000
24	+.000	+.000	+94.954	+.000	-1,879.326	+.000
25	+.000	+.000	+95.325	+.000	-1,886.680	+.000
26	+.000	+.000	+95.078	+.000	-1,881.777	+.000
27	+.000	+.000	+95.614	+.000	-1,892.400	+.000
28	+.000	+.000	+95.697	+.000	-1,894.034	+.000
29	+.000	+.000	+96.564	+.000	-1,911.193	+.000
30	+.000	+.000	+97.307	+.000	-1,925.901	+.000
31	+.000	+.000	+99.247	+.000	-1,964.304	+.000
32	+.000	+.000	+101.311	+.000	-2,005.159	+.000
33	+.000	+.000	+106.348	+.000	-2,104.845	+.000
34	+.000	+.000	+109.775	+.000	-2,172.664	+.000
35	+.000	+.000	+110.931	+.000	-2,195.543	+.000
36	+.000	+.000	+109.981	+.000	-2,176.750	+.000
37	+.000	+.000	+109.362	+.000	-2,164.493	+.000
38	+.000	+.000	+106.555	+.000	-2,108.931	+.000
39	+.000	+.000	+104.036	+.000	-2,059.088	+.000
40	+.000	+.000	+101.972	+.000	-2,018.233	+.000
41	+.000	+.000	+99.412	+.000	-1,967.573	+.000
42	+.000	+.000	+95.408	+.000	-1,888.314	+.000

43	+.000	+.000	+91.114	+.000	-1,803.336	+.000
44	+.000	+.000	+86.325	+.000	-1,708.553	+.000
45	+.000	+.000	+81.990	+.000	-1,622.757	+.000
46	+.000	+.000	+77.656	+.000	-1,536.962	+.000
47	+.000	+.000	+73.238	+.000	-1,449.532	+.000
48	+.000	+.000	+69.068	+.000	-1,367.005	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+ .000	+55,616.323
02	+ .000	+59,250.967
03	+ .000	+67,024.440
04	+ .000	+63,964.887
05	+ .000	+66,085.262
06	+ .000	+60,602.064
07	+ .000	+58,499.159
08	+ .000	+55,596.881
09	+ .000	+53,309.187
10	+ .000	+52,146.341
11	+ .000	+50,333.134
12	+ .000	+57,983.088
13	+ .000	+61,056.857
14	+ .000	+69,922.776
15	+ .000	+61,766.100
16	+ .000	+62,049.904
17	+ .000	+56,578.959
18	+ .000	+49,728.303
19	+ .000	+42,527.901
20	+ .000	+45,122.304
21	+ .000	+40,569.338
22	+ .000	+45,304.940
23	+ .000	+45,092.582
24	+ .000	+40,519.783
25	+ .000	+39,560.582
26	+ .000	+38,845.829
27	+ .000	+49,069.990
28	+ .000	+47,866.881
29	+ .000	+55,102.586
30	+ .000	+57,543.324
31	+ .000	+63,346.410
32	+ .000	+68,820.643
33	+ .000	+77,548.239
34	+ .000	+84,569.632
35	+ .000	+87,171.315
36	+ .000	+85,750.440
37	+ .000	+108,535.448
38	+ .000	+81,625.237
39	+ .000	+79,049.234
40	+ .000	+70,835.031
41	+ .000	+75,839.572
42	+ .000	+72,844.053

43	+ .000	+91,326.925
44	+ .000	+76,655.842
45	+ .000	+76,695.639
46	+ .000	+82,233.046
47	+ .000	+105,693.582
48	+ .000	+102,298.901