

Date: 13/01/2020

Settlement Day:16/12/2019

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: 260

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,807,215.860	+74,758,060.430
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,789,922.700	+459,194,412.660
Balancing Services Contract Cost	+1,219,093.011	+229,439,436.567
Balancing Services Cost Variable	+36,501.810	+114,371,498.805
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	+121,906.886	+30,652,986.612
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+214,258,470.400
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,073,389.200
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-5,637,978.270
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+214,258,470.400
Total External Costs	+3,089,842.997	+840,333,745.574
Total Adjusted Energy Volume (MWh)	+1,582,716.592	

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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	+21,927.368	+123,451.350	+5.63001
02	+22,764.928	+105,376.249	+4.62889
03	+23,361.360	+114,721.805	+4.91075
04	+23,192.969	+112,940.832	+4.86962
05	+22,782.085	+100,584.104	+4.41505
06	+22,795.363	+118,460.289	+5.19668
07	+22,648.079	+114,540.465	+5.05740
08	+22,839.987	+117,253.454	+5.13369
09	+22,496.184	+102,281.906	+4.54663
10	+22,696.140	+108,338.960	+4.77345
11	+22,864.027	+95,476.834	+4.17585
12	+23,951.170	+80,925.887	+3.37879
13	+26,301.502	+89,410.376	+3.39944
14	+29,775.415	+79,721.048	+2.67741
15	+33,868.224	+118,367.196	+3.49493
16	+35,725.191	+125,186.369	+3.50415
17	+37,023.047	+102,149.290	+2.75907
18	+37,616.465	+96,915.366	+2.57641
19	+38,045.628	+86,623.098	+2.27682
20	+38,286.493	+77,570.612	+2.02606
21	+38,096.863	+68,223.123	+1.79078
22	+37,891.071	+63,685.909	+1.68076
23	+37,924.668	+64,021.119	+1.68811
24	+37,771.156	+65,000.770	+1.72091
25	+37,644.089	+70,214.491	+1.86522
26	+37,357.135	+68,147.803	+1.82422
27	+37,232.354	+56,550.674	+1.51886
28	+37,452.356	+56,425.522	+1.50659
29	+37,675.661	+58,013.821	+1.53982
30	+37,989.207	+49,225.799	+1.29578
31	+38,516.350	+63,686.545	+1.65349
32	+39,285.484	+63,259.150	+1.61024
33	+40,055.529	+68,396.620	+1.70755
34	+40,773.989	+69,787.220	+1.71156
35	+40,838.121	+83,278.340	+2.03923
36	+40,493.457	+97,413.182	+2.40565
37	+40,129.758	+97,323.040	+2.42521
38	+39,739.223	+74,479.592	+1.87421
39	+39,226.451	+70,672.840	+1.80166
40	+38,722.181	+75,536.219	+1.95072
41	+37,676.678	+69,967.226	+1.85704
42	+36,594.421	+72,191.468	+1.97275

43	+34,895.832	+80,019.914	+2.29311
44	+32,870.512	+57,630.437	+1.75326
45	+30,868.786	+49,591.386	+1.60652
46	+29,221.953	+38,900.067	+1.33119
47	+27,895.566	+45,561.450	+1.63329
48	+26,916.116	+46,310.447	+1.72055

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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	+0.01385	+106,887.11	+0.00	+106,479.37	+16,884.438	-11,939.750
02	+0.01438	+87,611.53	+0.00	+87,297.90	+17,530.557	-11,939.750
03	+0.01476	+95,273.95	+0.00	+95,227.59	+17,993.813	-11,317.130
04	+0.01465	+93,701.28	+0.00	+93,676.24	+17,859.713	-11,317.130
05	+0.01439	+81,563.87	+0.00	+81,454.36	+17,542.748	-10,909.230
06	+0.01440	+99,354.05	+0.00	+99,309.67	+17,554.939	-10,909.230
07	+0.01431	+95,531.21	+0.00	+95,387.47	+17,445.221	-10,718.980
08	+0.01443	+97,988.82	+0.00	+97,849.96	+17,591.512	-10,718.980
09	+0.01421	+84,113.29	+0.00	+83,997.06	+17,323.312	-11,378.380
10	+0.01434	+90,041.58	+0.00	+89,782.74	+17,481.794	-11,378.380
11	+0.01445	+69,863.42	+0.00	+69,788.86	+17,615.894	-4,476.250
12	+0.01513	+53,924.89	+0.00	+53,818.42	+18,444.877	-4,476.250
13	+0.01662	+50,037.50	+0.00	+50,012.30	+20,261.326	+4,704.000
14	+0.01881	+38,804.44	+0.00	+35,751.37	+22,931.140	+4,704.000
15	+0.02140	+50,585.27	+0.00	+48,801.98	+26,088.590	+24,892.940
16	+0.02257	+54,392.67	+0.00	+53,178.79	+27,514.929	+24,892.940
17	+0.02339	+49,231.51	+0.00	+48,143.91	+28,514.586	+5,179.000
18	+0.02377	+43,033.39	+0.00	+42,116.74	+28,977.841	+5,179.000
19	+0.02404	+31,778.71	+0.00	+31,260.85	+29,306.996	+5,179.000
20	+0.02419	+22,303.97	+0.00	+21,895.24	+29,489.860	+5,179.000
21	+0.02407	+12,958.75	+0.00	+12,798.25	+29,343.569	+5,179.000
22	+0.02394	+8,535.24	+0.00	+8,532.41	+29,185.087	+5,179.000
23	+0.02396	+8,980.20	+0.00	+8,825.87	+29,209.469	+5,179.000
24	+0.02386	+10,215.50	+0.00	+10,014.27	+29,087.559	+5,179.000
25	+0.02378	+15,765.74	+0.00	+15,394.99	+28,990.032	+5,179.000
26	+0.02360	+13,735.36	+0.00	+13,704.05	+28,770.595	+5,179.000
27	+0.02352	+7,477.00	+0.00	+7,452.92	+28,673.068	+0.000
28	+0.02366	+7,188.19	+0.00	+7,035.52	+28,843.741	+0.000
29	+0.02380	+8,334.37	+0.00	+8,331.57	+29,014.414	+0.000
30	+0.02400	-870.12	+0.00	-873.95	+29,258.232	+0.000
31	+0.02434	+13,434.91	+0.00	+12,877.05	+29,672.724	+0.000
32	+0.02482	+11,643.26	+0.00	+11,447.66	+30,257.889	+0.000
33	+0.02531	+10,686.84	+0.00	+10,340.33	+30,855.244	+5,221.930
34	+0.02576	+10,944.58	+0.00	+10,791.56	+31,403.836	+5,221.930
35	+0.02580	+24,400.67	+0.00	+24,199.18	+31,452.600	+5,221.930
36	+0.02558	+39,042.62	+0.00	+38,793.27	+31,184.399	+5,221.930
37	+0.02535	+39,632.28	+0.00	+39,183.25	+30,904.008	+5,221.930
38	+0.02511	+17,120.95	+0.00	+16,840.80	+30,611.426	+5,221.930
39	+0.02478	+14,184.44	+0.00	+13,722.92	+30,209.125	+5,221.930
40	+0.02447	+19,414.53	+0.00	+19,233.42	+29,831.206	+5,221.930
41	+0.02381	+15,273.14	+0.00	+15,042.17	+29,026.605	+5,221.930
42	+0.02312	+24,087.75	+0.00	+23,928.71	+28,185.430	+0.000

43	+0.02205	+34,255.69	+.00	+33,990.77	+26,881.001	+.000
44	+0.02077	+14,995.58	+.00	+14,273.28	+25,320.562	+.000
45	+0.01950	+9,104.69	+.00	+8,885.34	+23,772.314	+.000
46	+0.01846	+678.78	+.00	+365.01	+22,504.457	+.000
47	+0.01763	+9,129.76	+.00	+8,759.01	+21,492.610	+.000
48	+0.01701	+10,842.70	+.00	+10,802.25	+20,736.772	+.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	+1,688.410	+0.000	+11,413.384
02	+0.000	+0.000	+0.000	+1,753.021	+0.000	+11,850.142
03	+0.000	+0.000	+0.000	+1,799.346	+0.000	+12,163.289
04	+0.000	+0.000	+0.000	+1,785.936	+0.000	+12,072.641
05	+0.000	+0.000	+0.000	+1,754.240	+0.000	+11,858.382
06	+0.000	+0.000	+0.000	+1,755.459	+0.000	+11,866.623
07	+0.000	+0.000	+0.000	+1,744.488	+0.000	+11,792.457
08	+0.000	+0.000	+0.000	+1,759.116	+0.000	+11,891.345
09	+0.000	+0.000	+0.000	+1,732.297	+0.000	+11,710.049
10	+0.000	+0.000	+0.000	+1,748.145	+0.000	+11,817.179
11	+0.000	+0.000	+0.000	+1,761.555	+0.000	+11,907.827
12	+0.000	+0.000	+0.000	+1,844.451	+0.000	+12,468.195
13	+0.000	+0.000	+0.000	+2,026.092	+0.000	+13,696.061
14	+0.000	+0.000	+0.000	+2,293.069	+0.000	+15,500.776
15	+0.000	+0.000	+0.000	+2,608.807	+0.000	+17,635.120
16	+0.000	+0.000	+0.000	+2,751.438	+0.000	+18,599.283
17	+0.000	+0.000	+0.000	+2,851.402	+0.000	+19,275.022
18	+0.000	+0.000	+0.000	+2,897.727	+0.000	+19,588.169
19	+0.000	+0.000	+0.000	+2,930.642	+0.000	+19,810.668
20	+0.000	+0.000	+0.000	+2,948.928	+0.000	+19,934.278
21	+0.000	+0.000	+0.000	+2,934.299	+0.000	+19,835.390
22	+0.000	+0.000	+0.000	+2,918.451	+0.000	+19,728.261
23	+0.000	+0.000	+0.000	+2,920.889	+0.000	+19,744.742
24	+0.000	+0.000	+0.000	+2,908.698	+0.000	+19,662.335
25	+0.000	+0.000	+0.000	+2,898.946	+0.000	+19,596.409
26	+0.000	+0.000	+0.000	+2,877.003	+0.000	+19,448.077
27	+0.000	+0.000	+0.000	+2,867.250	+0.000	+19,382.151
28	+0.000	+0.000	+0.000	+2,884.317	+0.000	+19,497.521
29	+0.000	+0.000	+0.000	+2,901.384	+0.000	+19,612.891
30	+0.000	+0.000	+0.000	+2,925.765	+0.000	+19,777.705
31	+0.000	+0.000	+0.000	+2,967.214	+0.000	+20,057.889
32	+0.000	+0.000	+0.000	+3,025.729	+0.000	+20,453.443
33	+0.000	+0.000	+0.000	+3,085.463	+0.000	+20,857.238
34	+0.000	+0.000	+0.000	+3,140.321	+0.000	+21,228.070
35	+0.000	+0.000	+0.000	+3,145.198	+0.000	+21,261.033
36	+0.000	+0.000	+0.000	+3,118.378	+0.000	+21,079.737
37	+0.000	+0.000	+0.000	+3,090.340	+0.000	+20,890.201
38	+0.000	+0.000	+0.000	+3,061.082	+0.000	+20,692.424
39	+0.000	+0.000	+0.000	+3,020.853	+0.000	+20,420.480
40	+0.000	+0.000	+0.000	+2,983.062	+0.000	+20,165.018
41	+0.000	+0.000	+0.000	+2,902.603	+0.000	+19,621.131
42	+0.000	+0.000	+0.000	+2,818.487	+0.000	+19,052.522

43	+.000	+.000	+.000	+2,688.047	+.000	+18,170.766
44	+.000	+.000	+.000	+2,532.006	+.000	+17,115.956
45	+.000	+.000	+.000	+2,377.184	+.000	+16,069.385
46	+.000	+.000	+.000	+2,250.401	+.000	+15,212.351
47	+.000	+.000	+.000	+2,149.218	+.000	+14,528.372
48	+.000	+.000	+.000	+2,073.636	+.000	+14,017.448

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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	+57.179	+.000	-1,131.681	+.000
02	+.000	+.000	+59.367	+.000	-1,174.987	+.000
03	+.000	+.000	+60.935	+.000	-1,206.037	+.000
04	+.000	+.000	+60.481	+.000	-1,197.049	+.000
05	+.000	+.000	+59.408	+.000	-1,175.804	+.000
06	+.000	+.000	+59.449	+.000	-1,176.622	+.000
07	+.000	+.000	+59.078	+.000	-1,169.268	+.000
08	+.000	+.000	+59.573	+.000	-1,179.073	+.000
09	+.000	+.000	+58.665	+.000	-1,161.097	+.000
10	+.000	+.000	+59.202	+.000	-1,171.719	+.000
11	+.000	+.000	+59.656	+.000	-1,180.707	+.000
12	+.000	+.000	+62.463	+.000	-1,236.270	+.000
13	+.000	+.000	+68.614	+.000	-1,358.017	+.000
14	+.000	+.000	+77.656	+.000	-1,536.962	+.000
15	+.000	+.000	+88.348	+.000	-1,748.590	+.000
16	+.000	+.000	+93.178	+.000	-1,844.191	+.000
17	+.000	+.000	+96.564	+.000	-1,911.193	+.000
18	+.000	+.000	+98.133	+.000	-1,942.243	+.000
19	+.000	+.000	+99.247	+.000	-1,964.304	+.000
20	+.000	+.000	+99.866	+.000	-1,976.561	+.000
21	+.000	+.000	+99.371	+.000	-1,966.756	+.000
22	+.000	+.000	+98.834	+.000	-1,956.133	+.000
23	+.000	+.000	+98.917	+.000	-1,957.768	+.000
24	+.000	+.000	+98.504	+.000	-1,949.597	+.000
25	+.000	+.000	+98.174	+.000	-1,943.060	+.000
26	+.000	+.000	+97.431	+.000	-1,928.352	+.000
27	+.000	+.000	+97.100	+.000	-1,921.815	+.000
28	+.000	+.000	+97.678	+.000	-1,933.255	+.000
29	+.000	+.000	+98.256	+.000	-1,944.694	+.000
30	+.000	+.000	+99.082	+.000	-1,961.036	+.000
31	+.000	+.000	+100.486	+.000	-1,988.817	+.000
32	+.000	+.000	+102.467	+.000	-2,028.038	+.000
33	+.000	+.000	+104.490	+.000	-2,068.076	+.000
34	+.000	+.000	+106.348	+.000	-2,104.845	+.000
35	+.000	+.000	+106.513	+.000	-2,108.114	+.000
36	+.000	+.000	+105.605	+.000	-2,090.137	+.000
37	+.000	+.000	+104.655	+.000	-2,071.344	+.000
38	+.000	+.000	+103.665	+.000	-2,051.734	+.000
39	+.000	+.000	+102.302	+.000	-2,024.770	+.000
40	+.000	+.000	+101.022	+.000	-1,999.440	+.000
41	+.000	+.000	+98.298	+.000	-1,945.511	+.000
42	+.000	+.000	+95.449	+.000	-1,889.131	+.000

43	+.000	+.000	+91.032	+.000	-1,801.702	+.000
44	+.000	+.000	+85.747	+.000	-1,697.113	+.000
45	+.000	+.000	+80.504	+.000	-1,593.342	+.000
46	+.000	+.000	+76.211	+.000	-1,508.363	+.000
47	+.000	+.000	+72.784	+.000	-1,440.544	+.000
48	+.000	+.000	+70.224	+.000	-1,389.884	+.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	+123,451.350
02	+ .000	+105,376.249
03	+ .000	+114,721.805
04	+ .000	+112,940.832
05	+ .000	+100,584.104
06	+ .000	+118,460.289
07	+ .000	+114,540.465
08	+ .000	+117,253.454
09	+ .000	+102,281.906
10	+ .000	+108,338.960
11	+ .000	+95,476.834
12	+ .000	+80,925.887
13	+ .000	+89,410.376
14	+ .000	+79,721.048
15	+ .000	+118,367.196
16	+ .000	+125,186.369
17	+ .000	+102,149.290
18	+ .000	+96,915.366
19	+ .000	+86,623.098
20	+ .000	+77,570.612
21	+ .000	+68,223.123
22	+ .000	+63,685.909
23	+ .000	+64,021.119
24	+ .000	+65,000.770
25	+ .000	+70,214.491
26	+ .000	+68,147.803
27	+ .000	+56,550.674
28	+ .000	+56,425.522
29	+ .000	+58,013.821
30	+ .000	+49,225.799
31	+ .000	+63,686.545
32	+ .000	+63,259.150
33	+ .000	+68,396.620
34	+ .000	+69,787.220
35	+ .000	+83,278.340
36	+ .000	+97,413.182
37	+ .000	+97,323.040
38	+ .000	+74,479.592
39	+ .000	+70,672.840
40	+ .000	+75,536.219
41	+ .000	+69,967.226
42	+ .000	+72,191.468

43	+.000	+80,019.914
44	+.000	+57,630.437
45	+.000	+49,591.386
46	+.000	+38,900.067
47	+.000	+45,561.450
48	+.000	+46,310.447