

Date: 16/12/2019

Settlement Day:08/12/2019

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 252

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+8,622,881.270	+27,875,684.970
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+8,567,527.590	+433,669,558.920
Balancing Services Contract Cost	+435,339.367	+183,749,051.044
Balancing Services Cost Variable	+657,926.040	+112,755,082.915
ESO Incentive Recovery Costs	+0.000	+7,581,967.850
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+31,066,479.395
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+207,665,902.080
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,040,361.840
ESO Incentive Recovery t-1	+80,000.000	+3,680,000.000
ALoMCP Recovery	-81,709.830	-3,758,652.180
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+207,665,902.080
Total External Costs	+9,786,499.258	+769,783,849.784
Total Adjusted Energy Volume (MWh)	+1,224,962.457	

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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	+22,176.283	+251,290.922	+11.33152
02	+22,676.205	+270,458.800	+11.92699
03	+22,657.326	+275,953.618	+12.17944
04	+22,393.755	+283,197.333	+12.64626
05	+21,653.930	+275,669.383	+12.73069
06	+21,210.590	+274,092.761	+12.92245
07	+20,466.112	+324,910.270	+15.87552
08	+19,876.663	+347,139.894	+17.46470
09	+19,652.178	+359,524.351	+18.29438
10	+19,506.063	+362,809.627	+18.59984
11	+19,741.878	+319,280.911	+16.17277
12	+20,039.426	+326,505.379	+16.29315
13	+21,046.633	+269,139.024	+12.78775
14	+21,619.690	+283,398.449	+13.10835
15	+21,858.589	+307,433.631	+14.06466
16	+22,152.216	+312,799.579	+14.12046
17	+22,874.554	+319,096.368	+13.94984
18	+24,054.939	+292,938.941	+12.17791
19	+24,633.724	+262,469.956	+10.65490
20	+25,104.337	+227,038.621	+9.04380
21	+25,447.024	+219,234.113	+8.61531
22	+25,346.717	+204,628.304	+8.07317
23	+25,468.440	+198,189.276	+7.78176
24	+25,850.609	+198,828.852	+7.69146
25	+26,366.319	+195,236.421	+7.40477
26	+26,832.596	+187,174.825	+6.97565
27	+27,037.724	+204,209.995	+7.55278
28	+27,005.180	+201,543.343	+7.46314
29	+27,582.303	+223,617.107	+8.10727
30	+28,015.196	+220,822.148	+7.88223
31	+28,822.030	+205,054.755	+7.11451
32	+30,139.354	+192,752.110	+6.39536
33	+31,992.999	+201,725.747	+6.30531
34	+32,968.818	+214,987.350	+6.52093
35	+33,460.337	+180,370.787	+5.39058
36	+33,159.799	+152,383.768	+4.59544
37	+32,757.089	+139,867.390	+4.26984
38	+31,990.908	+141,580.477	+4.42565
39	+31,043.631	+137,819.136	+4.43953
40	+29,768.879	+112,187.855	+3.76863
41	+29,911.572	+118,649.049	+3.96666
42	+28,829.500	+113,568.236	+3.93931

43	+27,417.198	+110,593.601	+4.03373
44	+26,286.109	+94,522.644	+3.59592
45	+25,462.757	+86,123.656	+3.38234
46	+24,514.456	+114,733.585	+4.68024
47	+23,256.163	+141,710.966	+6.09348
48	+22,833.659	+153,293.135	+6.71347

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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	+0.01810	+214,974.23	+0.00	+214,888.31	+7,879.643	+11,332.000
02	+0.01851	+234,666.63	+0.00	+233,488.29	+8,058.132	+11,332.000
03	+0.01850	+241,844.28	+0.00	+240,409.71	+8,053.778	+9,919.250
04	+0.01828	+251,512.60	+0.00	+247,958.15	+7,958.004	+9,919.250
05	+0.01768	+240,786.81	+0.00	+238,030.86	+7,696.800	+13,149.660
06	+0.01732	+238,233.67	+0.00	+236,952.88	+7,540.078	+13,149.660
07	+0.01671	+234,413.70	+0.00	+233,206.51	+7,274.521	+68,558.460
08	+0.01623	+257,108.59	+0.00	+256,100.99	+7,065.558	+68,558.460
09	+0.01604	+272,333.59	+0.00	+270,252.49	+6,982.843	+67,054.590
10	+0.01592	+274,413.32	+0.00	+273,703.98	+6,930.603	+67,054.590
11	+0.01612	+243,899.75	+0.00	+243,711.65	+7,017.671	+53,241.180
12	+0.01636	+251,696.54	+0.00	+250,603.69	+7,122.152	+53,241.180
13	+0.01718	+234,713.16	+0.00	+231,876.07	+7,479.130	+13,466.650
14	+0.01765	+247,533.18	+0.00	+245,484.49	+7,683.740	+13,466.650
15	+0.01784	+272,048.19	+0.00	+267,368.60	+7,766.454	+15,354.550
16	+0.01808	+273,646.35	+0.00	+272,402.12	+7,870.936	+15,354.550
17	+0.01867	+279,933.28	+0.00	+277,601.51	+8,127.786	+15,634.730
18	+0.01964	+251,299.66	+0.00	+250,100.52	+8,550.065	+15,634.730
19	+0.02011	+234,018.50	+0.00	+233,570.76	+8,754.675	+1,044.500
20	+0.02049	+198,775.87	+0.00	+197,613.08	+8,920.104	+1,044.500
21	+0.02077	+186,988.81	+0.00	+186,057.81	+9,041.999	+4,407.430
22	+0.02069	+166,698.16	+0.00	+166,130.37	+9,007.172	+9,839.870
23	+0.02079	+165,420.11	+0.00	+161,321.31	+9,050.705	+8,071.390
24	+0.02110	+163,212.48	+0.00	+161,531.50	+9,185.661	+8,071.390
25	+0.02152	+158,927.37	+0.00	+157,883.27	+9,368.503	+7,545.440
26	+0.02190	+149,703.32	+0.00	+149,295.33	+9,533.932	+7,545.440
27	+0.02207	+166,305.71	+0.00	+165,630.23	+9,607.940	+8,010.240
28	+0.02205	+169,401.34	+0.00	+168,423.72	+9,599.233	+2,577.800
29	+0.02252	+190,561.56	+0.00	+189,450.58	+9,803.843	+2,973.700
30	+0.02287	+186,995.62	+0.00	+186,170.83	+9,956.211	+2,973.700
31	+0.02353	+167,740.16	+0.00	+167,424.88	+10,243.535	+5,038.080
32	+0.02460	+154,550.14	+0.00	+153,640.16	+10,709.348	+5,038.080
33	+0.02612	+160,443.01	+0.00	+159,246.38	+11,371.064	+6,300.120
34	+0.02691	+172,086.69	+0.00	+171,413.74	+11,714.982	+6,300.120
35	+0.02732	+136,503.34	+0.00	+136,229.28	+11,893.472	+6,300.120
36	+0.02707	+109,365.35	+0.00	+108,588.54	+11,784.637	+6,300.120
37	+0.02674	+96,799.76	+0.00	+96,529.25	+11,640.975	+6,300.120
38	+0.02612	+99,404.93	+0.00	+99,101.11	+11,371.064	+6,300.120
39	+0.02534	+97,171.81	+0.00	+96,817.96	+11,031.500	+5,902.320
40	+0.02430	+78,164.53	+0.00	+78,059.64	+10,578.747	+469.880
41	+0.02442	+86,599.66	+0.00	+86,176.15	+10,630.987	-1,351.650
42	+0.02354	+82,556.18	+0.00	+82,314.24	+10,247.889	-1,351.650

43	+0.02238	+78,610.84	+ .00	+78,145.81	+9,742.895	+1,448.880
44	+0.02146	+64,096.68	+ .00	+63,349.16	+9,342.383	+1,448.880
45	+0.02079	+56,620.70	+ .00	+56,217.28	+9,050.705	+1,109.800
46	+0.02001	+87,075.09	+ .00	+85,907.60	+8,711.141	+1,109.800
47	+0.01899	+116,066.19	+ .00	+114,539.92	+8,267.095	+867.680
48	+0.01864	+126,959.83	+ .00	+126,606.88	+8,114.726	+867.680

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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	+2,231.507	+0.000	+14,915.686
02	+0.000	+0.000	+0.000	+2,282.055	+0.000	+15,253.555
03	+0.000	+0.000	+0.000	+2,280.822	+0.000	+15,245.314
04	+0.000	+0.000	+0.000	+2,253.699	+0.000	+15,064.019
05	+0.000	+0.000	+0.000	+2,179.726	+0.000	+14,569.576
06	+0.000	+0.000	+0.000	+2,135.342	+0.000	+14,272.910
07	+0.000	+0.000	+0.000	+2,060.137	+0.000	+13,770.227
08	+0.000	+0.000	+0.000	+2,000.959	+0.000	+13,374.673
09	+0.000	+0.000	+0.000	+1,977.534	+0.000	+13,218.099
10	+0.000	+0.000	+0.000	+1,962.740	+0.000	+13,119.211
11	+0.000	+0.000	+0.000	+1,987.397	+0.000	+13,284.025
12	+0.000	+0.000	+0.000	+2,016.986	+0.000	+13,481.802
13	+0.000	+0.000	+0.000	+2,118.082	+0.000	+14,157.540
14	+0.000	+0.000	+0.000	+2,176.027	+0.000	+14,544.854
15	+0.000	+0.000	+0.000	+2,199.452	+0.000	+14,701.427
16	+0.000	+0.000	+0.000	+2,229.041	+0.000	+14,899.204
17	+0.000	+0.000	+0.000	+2,301.781	+0.000	+15,385.406
18	+0.000	+0.000	+0.000	+2,421.370	+0.000	+16,184.755
19	+0.000	+0.000	+0.000	+2,479.315	+0.000	+16,572.069
20	+0.000	+0.000	+0.000	+2,526.164	+0.000	+16,885.216
21	+0.000	+0.000	+0.000	+2,560.685	+0.000	+17,115.956
22	+0.000	+0.000	+0.000	+2,550.822	+0.000	+17,050.030
23	+0.000	+0.000	+0.000	+2,563.151	+0.000	+17,132.437
24	+0.000	+0.000	+0.000	+2,601.370	+0.000	+17,387.899
25	+0.000	+0.000	+0.000	+2,653.151	+0.000	+17,734.009
26	+0.000	+0.000	+0.000	+2,700.000	+0.000	+18,047.156
27	+0.000	+0.000	+0.000	+2,720.959	+0.000	+18,187.248
28	+0.000	+0.000	+0.000	+2,718.493	+0.000	+18,170.766
29	+0.000	+0.000	+0.000	+2,776.438	+0.000	+18,558.080
30	+0.000	+0.000	+0.000	+2,819.589	+0.000	+18,846.505
31	+0.000	+0.000	+0.000	+2,900.959	+0.000	+19,390.392
32	+0.000	+0.000	+0.000	+3,032.877	+0.000	+20,272.148
33	+0.000	+0.000	+0.000	+3,220.274	+0.000	+21,524.736
34	+0.000	+0.000	+0.000	+3,317.671	+0.000	+22,175.752
35	+0.000	+0.000	+0.000	+3,368.219	+0.000	+22,513.621
36	+0.000	+0.000	+0.000	+3,337.397	+0.000	+22,307.603
37	+0.000	+0.000	+0.000	+3,296.712	+0.000	+22,035.660
38	+0.000	+0.000	+0.000	+3,220.274	+0.000	+21,524.736
39	+0.000	+0.000	+0.000	+3,124.110	+0.000	+20,881.960
40	+0.000	+0.000	+0.000	+2,995.890	+0.000	+20,024.926
41	+0.000	+0.000	+0.000	+3,010.685	+0.000	+20,123.815
42	+0.000	+0.000	+0.000	+2,902.192	+0.000	+19,398.632

43	+.000	+.000	+.000	+2,759.178	+.000	+18,442.710
44	+.000	+.000	+.000	+2,645.753	+.000	+17,684.565
45	+.000	+.000	+.000	+2,563.151	+.000	+17,132.437
46	+.000	+.000	+.000	+2,466.986	+.000	+16,489.662
47	+.000	+.000	+.000	+2,341.233	+.000	+15,649.109
48	+.000	+.000	+.000	+2,298.082	+.000	+15,360.684

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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	+74.724	+1,448.000	-1,478.948	+.000
02	+.000	+.000	+76.417	+1,480.800	-1,512.449	+.000
03	+.000	+.000	+76.376	+1,480.000	-1,511.632	+.000
04	+.000	+.000	+75.468	+1,462.400	-1,493.656	+.000
05	+.000	+.000	+72.990	+1,414.400	-1,444.630	+.000
06	+.000	+.000	+71.504	+1,385.600	-1,415.214	+.000
07	+.000	+.000	+68.986	+1,336.800	-1,365.371	+.000
08	+.000	+.000	+67.004	+1,298.400	-1,326.151	+.000
09	+.000	+.000	+66.220	+1,283.200	-1,310.626	+.000
10	+.000	+.000	+65.724	+1,273.600	-1,300.820	+.000
11	+.000	+.000	+66.550	+1,289.600	-1,317.162	+.000
12	+.000	+.000	+67.541	+1,308.800	-1,336.773	+.000
13	+.000	+.000	+70.926	+1,374.400	-1,403.775	+.000
14	+.000	+.000	+72.867	+1,412.000	-1,442.178	+.000
15	+.000	+.000	+73.651	+1,427.200	-1,457.703	+.000
16	+.000	+.000	+74.642	+1,446.400	-1,477.314	+.000
17	+.000	+.000	+77.078	+1,493.600	-1,525.523	+.000
18	+.000	+.000	+81.082	+1,571.200	-1,604.781	+.000
19	+.000	+.000	+83.023	+1,608.800	-1,643.185	+.000
20	+.000	+.000	+84.591	+1,639.200	-1,674.234	+.000
21	+.000	+.000	+85.747	+1,661.600	-1,697.113	+.000
22	+.000	+.000	+85.417	+1,655.200	-1,690.576	+.000
23	+.000	+.000	+85.830	+1,663.200	-1,698.747	+.000
24	+.000	+.000	+87.110	+1,688.000	-1,724.077	+.000
25	+.000	+.000	+88.844	+1,721.600	-1,758.396	+.000
26	+.000	+.000	+90.412	+1,752.000	-1,789.445	+.000
27	+.000	+.000	+91.114	+1,765.600	-1,803.336	+.000
28	+.000	+.000	+91.032	+1,764.000	-1,801.702	+.000
29	+.000	+.000	+92.972	+1,801.600	-1,840.105	+.000
30	+.000	+.000	+94.417	+1,829.600	-1,868.704	+.000
31	+.000	+.000	+97.142	+1,882.400	-1,922.632	+.000
32	+.000	+.000	+101.559	+1,968.000	-2,010.062	+.000
33	+.000	+.000	+107.834	+2,089.600	-2,134.261	+.000
34	+.000	+.000	+111.096	+2,152.800	-2,198.812	+.000
35	+.000	+.000	+112.788	+2,185.600	-2,232.313	+.000
36	+.000	+.000	+111.756	+2,165.600	-2,211.885	+.000
37	+.000	+.000	+110.394	+2,139.200	-2,184.921	+.000
38	+.000	+.000	+107.834	+2,089.600	-2,134.261	+.000
39	+.000	+.000	+104.614	+2,027.200	-2,070.527	+.000
40	+.000	+.000	+100.321	+1,944.000	-1,985.549	+.000
41	+.000	+.000	+100.816	+1,953.600	-1,995.354	+.000
42	+.000	+.000	+97.183	+1,883.200	-1,923.449	+.000



43	+.000	+.000	+92.394	+1,790.400	-1,828.666	+.000
44	+.000	+.000	+88.596	+1,716.800	-1,753.493	+.000
45	+.000	+.000	+85.830	+1,663.200	-1,698.747	+.000
46	+.000	+.000	+82.610	+1,600.800	-1,635.014	+.000
47	+.000	+.000	+78.399	+1,519.200	-1,551.670	+.000
48	+.000	+.000	+76.954	+1,491.200	-1,523.071	+.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	+251,290.922
02	+ .000	+270,458.800
03	+ .000	+275,953.618
04	+ .000	+283,197.333
05	+ .000	+275,669.383
06	+ .000	+274,092.761
07	+ .000	+324,910.270
08	+ .000	+347,139.894
09	+ .000	+359,524.351
10	+ .000	+362,809.627
11	+ .000	+319,280.911
12	+ .000	+326,505.379
13	+ .000	+269,139.024
14	+ .000	+283,398.449
15	+ .000	+307,433.631
16	+ .000	+312,799.579
17	+ .000	+319,096.368
18	+ .000	+292,938.941
19	+ .000	+262,469.956
20	+ .000	+227,038.621
21	+ .000	+219,234.113
22	+ .000	+204,628.304
23	+ .000	+198,189.276
24	+ .000	+198,828.852
25	+ .000	+195,236.421
26	+ .000	+187,174.825
27	+ .000	+204,209.995
28	+ .000	+201,543.343
29	+ .000	+223,617.107
30	+ .000	+220,822.148
31	+ .000	+205,054.755
32	+ .000	+192,752.110
33	+ .000	+201,725.747
34	+ .000	+214,987.350
35	+ .000	+180,370.787
36	+ .000	+152,383.768
37	+ .000	+139,867.390
38	+ .000	+141,580.477
39	+ .000	+137,819.136
40	+ .000	+112,187.855
41	+ .000	+118,649.049
42	+ .000	+113,568.236

43	+.000	+110,593.601
44	+.000	+94,522.644
45	+.000	+86,123.656
46	+.000	+114,733.585
47	+.000	+141,710.966
48	+.000	+153,293.135