

Date: 14/01/2020

Settlement Day:17/12/2019

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: 261

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+694,780.760	+75,452,841.190
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+682,941.600	+459,877,354.260
Balancing Services Contract Cost	+1,099,948.011	+230,539,384.578
Balancing Services Cost Variable	+122,429.390	+114,493,928.195
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	+120,847.686	+30,773,834.298
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+215,082,541.440
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,077,517.620
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-5,719,688.100
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+215,082,541.440
Total External Costs	+1,948,585.277	+842,282,330.851
Total Adjusted Energy Volume (MWh)	+1,662,392.609	

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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	+26,645.088	+34,632.574	+1.29977
02	+27,018.141	+37,228.387	+1.37790
03	+27,085.511	+34,771.318	+1.28376
04	+26,622.152	+26,973.648	+1.01320
05	+26,283.873	+26,756.071	+1.01797
06	+26,186.329	+27,340.714	+1.04408
07	+25,639.609	+25,425.020	+0.99163
08	+25,234.788	+23,468.361	+0.93000
09	+25,296.497	+28,783.873	+1.13786
10	+25,160.499	+28,402.460	+1.12885
11	+25,300.927	+30,059.043	+1.18806
12	+26,412.766	+32,425.094	+1.22763
13	+28,942.488	+46,767.098	+1.61586
14	+32,044.419	+57,490.971	+1.79410
15	+35,498.023	+49,525.812	+1.39517
16	+37,593.702	+66,976.491	+1.78159
17	+38,528.479	+75,297.804	+1.95434
18	+39,038.130	+56,118.159	+1.43752
19	+39,659.121	+67,316.238	+1.69737
20	+39,519.200	+74,417.392	+1.88307
21	+39,509.860	+64,600.632	+1.63505
22	+39,584.564	+66,788.584	+1.68724
23	+39,639.102	+90,017.232	+2.27092
24	+39,517.230	+75,537.852	+1.91152
25	+39,593.557	+74,585.256	+1.88377
26	+39,230.615	+67,723.124	+1.72628
27	+39,180.854	+72,384.225	+1.84744
28	+39,068.988	+74,466.055	+1.90601
29	+39,152.092	+70,037.209	+1.78885
30	+38,952.206	+75,575.695	+1.94022
31	+39,565.529	+75,890.941	+1.91811
32	+40,548.753	+79,782.839	+1.96758
33	+40,592.119	+78,400.148	+1.93141
34	+40,740.936	+59,515.983	+1.46084
35	+40,529.769	+56,632.366	+1.39730
36	+40,671.477	+57,530.242	+1.41451
37	+40,859.253	+71,820.893	+1.75776
38	+40,669.026	+71,671.269	+1.76231
39	+40,196.975	+76,242.389	+1.89672
40	+39,942.388	+70,805.146	+1.77268
41	+39,168.211	+79,200.352	+2.02206
42	+37,910.638	+66,161.775	+1.74520

43	+36,025.152	+71,779.053	+1.99247
44	+33,728.212	+73,111.249	+2.16766
45	+31,500.666	+59,281.837	+1.88192
46	+29,404.558	+50,401.747	+1.71408
47	+27,207.589	+50,958.091	+1.87294
48	+25,992.548	+41,577.603	+1.59960

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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	+0.01603	+3,076.42	+0.00	+2,896.99	+17,632.167	+200.000
02	+0.01625	+5,721.04	+0.00	+5,060.00	+17,874.155	+200.000
03	+0.01629	+2,727.12	+0.00	+2,524.24	+17,918.153	+200.000
04	+0.01601	-4,722.46	+0.00	-4,722.59	+17,610.168	+200.000
05	+0.01581	-4,546.63	+0.00	-4,546.71	+17,390.178	+200.000
06	+0.01575	-3,837.72	+0.00	-3,844.03	+17,324.181	+200.000
07	+0.01542	-5,109.30	+0.00	-5,110.52	+16,961.198	+200.000
08	+0.01518	-6,595.03	+0.00	-6,595.03	+16,697.211	+200.000
09	+0.01522	-1,358.08	+0.00	-1,358.21	+16,741.209	+200.000
10	+0.01514	-1,572.20	+0.00	-1,582.24	+16,653.213	+200.000
11	+0.01522	+118.46	+0.00	+116.96	+16,741.209	+0.000
12	+0.01589	+1,229.47	+0.00	+1,164.93	+17,478.174	+0.000
13	+0.01741	+7,384.89	+0.00	+7,294.73	+19,150.095	+5,221.930
14	+0.01928	+15,196.77	+0.00	+14,339.78	+21,206.998	+5,221.930
15	+0.02135	+2,482.07	+0.00	+2,302.34	+23,483.890	+5,221.930
16	+0.02261	+18,420.50	+0.00	+17,274.24	+24,869.825	+5,221.930
17	+0.02318	+25,051.70	+0.00	+24,474.20	+25,496.795	+5,221.930
18	+0.02348	+5,141.26	+0.00	+4,704.37	+25,826.779	+5,221.930
19	+0.02386	+15,689.00	+0.00	+15,154.88	+26,244.760	+5,221.930
20	+0.02377	+22,610.53	+0.00	+22,433.09	+26,145.764	+5,221.930
21	+0.02377	+12,930.08	+0.00	+12,616.33	+26,145.764	+5,221.930
22	+0.02381	+15,486.28	+0.00	+14,725.59	+26,189.762	+5,221.930
23	+0.02384	+38,401.04	+0.00	+37,895.22	+26,222.761	+5,221.930
24	+0.02377	+24,152.21	+0.00	+23,553.55	+26,145.764	+5,221.930
25	+0.02382	+22,835.03	+0.00	+22,502.59	+26,200.762	+5,221.930
26	+0.02360	+16,450.64	+0.00	+16,073.26	+25,958.773	+5,221.930
27	+0.02357	+26,218.76	+0.00	+26,015.31	+25,925.775	+0.000
28	+0.02350	+28,269.05	+0.00	+28,234.85	+25,848.778	+0.000
29	+0.02355	+23,831.07	+0.00	+23,707.64	+25,903.776	+0.000
30	+0.02343	+29,879.27	+0.00	+29,482.20	+25,771.782	+0.000
31	+0.02380	+29,210.56	+0.00	+29,069.55	+26,178.763	+0.000
32	+0.02439	+31,830.68	+0.00	+31,800.75	+26,827.732	+0.000
33	+0.02442	+25,205.62	+0.00	+25,137.11	+26,860.730	+5,221.930
34	+0.02451	+6,765.94	+0.00	+6,075.89	+26,959.726	+5,221.930
35	+0.02438	+3,507.83	+0.00	+3,448.02	+26,816.733	+5,221.930
36	+0.02447	+4,194.31	+0.00	+4,168.84	+26,915.728	+5,221.930
37	+0.02458	+18,436.39	+0.00	+18,243.09	+27,036.722	+5,221.930
38	+0.02446	+18,332.54	+0.00	+18,329.54	+26,904.728	+5,221.930
39	+0.02418	+23,565.91	+0.00	+23,451.50	+26,596.743	+5,221.930
40	+0.02403	+18,659.20	+0.00	+18,309.35	+26,431.751	+5,221.930
41	+0.02356	+27,878.01	+0.00	+27,629.18	+25,914.775	+5,221.930
42	+0.02280	+21,376.63	+0.00	+21,307.67	+25,078.815	+0.000

43	+0.02167	+29,409.36	+.00	+29,147.98	+23,835.873	+.000
44	+0.02029	+33,301.39	+.00	+33,195.03	+22,317.945	+.000
45	+0.01895	+22,020.13	+.00	+22,001.78	+20,844.015	+.000
46	+0.01769	+15,798.69	+.00	+15,600.47	+19,458.080	+.000
47	+0.01637	+18,997.92	+.00	+18,753.63	+18,006.149	+.000
48	+0.01564	+10,728.41	+.00	+10,484.26	+17,203.187	+325.000

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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	+1,937.188	+0.000	+13,209.859
02	+0.000	+0.000	+0.000	+1,963.775	+0.000	+13,391.154
03	+0.000	+0.000	+0.000	+1,968.609	+0.000	+13,424.117
04	+0.000	+0.000	+0.000	+1,934.771	+0.000	+13,193.377
05	+0.000	+0.000	+0.000	+1,910.602	+0.000	+13,028.563
06	+0.000	+0.000	+0.000	+1,903.351	+0.000	+12,979.119
07	+0.000	+0.000	+0.000	+1,863.471	+0.000	+12,707.175
08	+0.000	+0.000	+0.000	+1,834.468	+0.000	+12,509.398
09	+0.000	+0.000	+0.000	+1,839.302	+0.000	+12,542.361
10	+0.000	+0.000	+0.000	+1,829.634	+0.000	+12,476.436
11	+0.000	+0.000	+0.000	+1,839.302	+0.000	+12,542.361
12	+0.000	+0.000	+0.000	+1,920.270	+0.000	+13,094.489
13	+0.000	+0.000	+0.000	+2,103.958	+0.000	+14,347.077
14	+0.000	+0.000	+0.000	+2,329.943	+0.000	+15,888.090
15	+0.000	+0.000	+0.000	+2,580.098	+0.000	+17,593.917
16	+0.000	+0.000	+0.000	+2,732.366	+0.000	+18,632.246
17	+0.000	+0.000	+0.000	+2,801.249	+0.000	+19,101.967
18	+0.000	+0.000	+0.000	+2,837.504	+0.000	+19,349.188
19	+0.000	+0.000	+0.000	+2,883.426	+0.000	+19,662.335
20	+0.000	+0.000	+0.000	+2,872.549	+0.000	+19,588.169
21	+0.000	+0.000	+0.000	+2,872.549	+0.000	+19,588.169
22	+0.000	+0.000	+0.000	+2,877.383	+0.000	+19,621.131
23	+0.000	+0.000	+0.000	+2,881.009	+0.000	+19,645.854
24	+0.000	+0.000	+0.000	+2,872.549	+0.000	+19,588.169
25	+0.000	+0.000	+0.000	+2,878.592	+0.000	+19,629.372
26	+0.000	+0.000	+0.000	+2,852.005	+0.000	+19,448.077
27	+0.000	+0.000	+0.000	+2,848.380	+0.000	+19,423.354
28	+0.000	+0.000	+0.000	+2,839.921	+0.000	+19,365.669
29	+0.000	+0.000	+0.000	+2,845.963	+0.000	+19,406.873
30	+0.000	+0.000	+0.000	+2,831.461	+0.000	+19,307.984
31	+0.000	+0.000	+0.000	+2,876.175	+0.000	+19,612.891
32	+0.000	+0.000	+0.000	+2,947.475	+0.000	+20,099.093
33	+0.000	+0.000	+0.000	+2,951.100	+0.000	+20,123.815
34	+0.000	+0.000	+0.000	+2,961.977	+0.000	+20,197.981
35	+0.000	+0.000	+0.000	+2,946.267	+0.000	+20,090.852
36	+0.000	+0.000	+0.000	+2,957.143	+0.000	+20,165.018
37	+0.000	+0.000	+0.000	+2,970.436	+0.000	+20,255.666
38	+0.000	+0.000	+0.000	+2,955.934	+0.000	+20,156.778
39	+0.000	+0.000	+0.000	+2,922.097	+0.000	+19,926.038
40	+0.000	+0.000	+0.000	+2,903.970	+0.000	+19,802.427
41	+0.000	+0.000	+0.000	+2,847.171	+0.000	+19,415.114
42	+0.000	+0.000	+0.000	+2,755.327	+0.000	+18,788.820

43	+.000	+.000	+.000	+2,618.769	+.000	+17,857.619
44	+.000	+.000	+.000	+2,452.000	+.000	+16,720.401
45	+.000	+.000	+.000	+2,290.064	+.000	+15,616.146
46	+.000	+.000	+.000	+2,137.796	+.000	+14,577.817
47	+.000	+.000	+.000	+1,978.277	+.000	+13,490.043
48	+.000	+.000	+.000	+1,890.058	+.000	+12,888.471

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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	+66.179	+.000	-1,309.809	+.000
02	+.000	+.000	+67.087	+.000	-1,327.785	+.000
03	+.000	+.000	+67.252	+.000	-1,331.053	+.000
04	+.000	+.000	+66.096	+.000	-1,308.174	+.000
05	+.000	+.000	+65.270	+.000	-1,291.832	+.000
06	+.000	+.000	+65.023	+.000	-1,286.930	+.000
07	+.000	+.000	+63.660	+.000	-1,259.966	+.000
08	+.000	+.000	+62.669	+.000	-1,240.355	+.000
09	+.000	+.000	+62.835	+.000	-1,243.624	+.000
10	+.000	+.000	+62.504	+.000	-1,237.087	+.000
11	+.000	+.000	+62.835	+.000	-1,243.624	+.000
12	+.000	+.000	+65.601	+.000	-1,298.369	+.000
13	+.000	+.000	+71.876	+.000	-1,422.568	+.000
14	+.000	+.000	+79.596	+.000	-1,575.366	+.000
15	+.000	+.000	+88.142	+.000	-1,744.505	+.000
16	+.000	+.000	+93.344	+.000	-1,847.459	+.000
17	+.000	+.000	+95.697	+.000	-1,894.034	+.000
18	+.000	+.000	+96.935	+.000	-1,918.547	+.000
19	+.000	+.000	+98.504	+.000	-1,949.597	+.000
20	+.000	+.000	+98.133	+.000	-1,942.243	+.000
21	+.000	+.000	+98.133	+.000	-1,942.243	+.000
22	+.000	+.000	+98.298	+.000	-1,945.511	+.000
23	+.000	+.000	+98.422	+.000	-1,947.962	+.000
24	+.000	+.000	+98.133	+.000	-1,942.243	+.000
25	+.000	+.000	+98.339	+.000	-1,946.328	+.000
26	+.000	+.000	+97.431	+.000	-1,928.352	+.000
27	+.000	+.000	+97.307	+.000	-1,925.901	+.000
28	+.000	+.000	+97.018	+.000	-1,920.181	+.000
29	+.000	+.000	+97.224	+.000	-1,924.266	+.000
30	+.000	+.000	+96.729	+.000	-1,914.461	+.000
31	+.000	+.000	+98.256	+.000	-1,944.694	+.000
32	+.000	+.000	+100.692	+.000	-1,992.903	+.000
33	+.000	+.000	+100.816	+.000	-1,995.354	+.000
34	+.000	+.000	+101.188	+.000	-2,002.708	+.000
35	+.000	+.000	+100.651	+.000	-1,992.086	+.000
36	+.000	+.000	+101.022	+.000	-1,999.440	+.000
37	+.000	+.000	+101.477	+.000	-2,008.428	+.000
38	+.000	+.000	+100.981	+.000	-1,998.622	+.000
39	+.000	+.000	+99.825	+.000	-1,975.744	+.000
40	+.000	+.000	+99.206	+.000	-1,963.487	+.000
41	+.000	+.000	+97.266	+.000	-1,925.084	+.000
42	+.000	+.000	+94.128	+.000	-1,862.984	+.000



43	+.000	+.000	+89.463	+.000	-1,770.652	+.000
44	+.000	+.000	+83.766	+.000	-1,657.892	+.000
45	+.000	+.000	+78.234	+.000	-1,548.401	+.000
46	+.000	+.000	+73.032	+.000	-1,445.447	+.000
47	+.000	+.000	+67.582	+.000	-1,337.590	+.000
48	+.000	+.000	+64.568	+.000	-1,277.942	+.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	+34,632.574
02	+ .000	+37,228.387
03	+ .000	+34,771.318
04	+ .000	+26,973.648
05	+ .000	+26,756.071
06	+ .000	+27,340.714
07	+ .000	+25,425.020
08	+ .000	+23,468.361
09	+ .000	+28,783.873
10	+ .000	+28,402.460
11	+ .000	+30,059.043
12	+ .000	+32,425.094
13	+ .000	+46,767.098
14	+ .000	+57,490.971
15	+ .000	+49,525.812
16	+ .000	+66,976.491
17	+ .000	+75,297.804
18	+ .000	+56,118.159
19	+ .000	+67,316.238
20	+ .000	+74,417.392
21	+ .000	+64,600.632
22	+ .000	+66,788.584
23	+ .000	+90,017.232
24	+ .000	+75,537.852
25	+ .000	+74,585.256
26	+ .000	+67,723.124
27	+ .000	+72,384.225
28	+ .000	+74,466.055
29	+ .000	+70,037.209
30	+ .000	+75,575.695
31	+ .000	+75,890.941
32	+ .000	+79,782.839
33	+ .000	+78,400.148
34	+ .000	+59,515.983
35	+ .000	+56,632.366
36	+ .000	+57,530.242
37	+ .000	+71,820.893
38	+ .000	+71,671.269
39	+ .000	+76,242.389
40	+ .000	+70,805.146
41	+ .000	+79,200.352
42	+ .000	+66,161.775

43	+.000	+71,779.053
44	+.000	+73,111.249
45	+.000	+59,281.837
46	+.000	+50,401.747
47	+.000	+50,958.091
48	+.000	+41,577.603