

Date: 24/12/2019

Settlement Day:01/12/2019

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: 245

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+732,868.590	+15,480,959.670
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+726,188.900	+400,508,170.600
Balancing Services Contract Cost	+665,025.500	+215,910,906.261
Balancing Services Cost Variable	+59,063.240	+106,633,677.475
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	+124,974.877	+28,793,260.652
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+201,897,404.800
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,011,462.900
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-4,412,330.820
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+201,897,404.800
Total External Costs	+1,497,671.107	+759,685,147.068
Total Adjusted Energy Volume (MWh)	+1,459,318.438	

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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	+25,367.269	+52,012.396	+2.05037
02	+25,346.923	+51,827.291	+2.04472
03	+24,956.660	+55,610.099	+2.22827
04	+24,140.506	+49,722.245	+2.05970
05	+24,075.920	+49,499.885	+2.05599
06	+23,996.499	+43,786.096	+1.82469
07	+23,813.459	+41,073.327	+1.72479
08	+23,597.100	+38,425.703	+1.62841
09	+23,431.531	+34,976.670	+1.49272
10	+23,245.421	+30,686.666	+1.32012
11	+23,601.392	+32,009.023	+1.35623
12	+23,870.135	+29,639.747	+1.24171
13	+24,409.006	+29,146.698	+1.19410
14	+24,851.708	+26,619.505	+1.07113
15	+26,365.931	+41,769.184	+1.58421
16	+27,584.452	+49,755.321	+1.80375
17	+28,748.620	+53,240.933	+1.85195
18	+29,985.801	+51,056.320	+1.70268
19	+30,940.050	+46,044.018	+1.48817
20	+31,574.721	+56,276.314	+1.78232
21	+32,106.865	+52,189.040	+1.62548
22	+32,017.617	+50,771.621	+1.58574
23	+31,999.379	+53,757.756	+1.67996
24	+31,939.615	+47,749.526	+1.49499
25	+31,993.150	+42,813.701	+1.33821
26	+32,173.590	+38,484.265	+1.19614
27	+32,206.700	+32,896.874	+1.02143
28	+32,374.063	+21,063.788	+0.65064
29	+32,857.873	+29,503.025	+0.89790
30	+33,556.168	+30,548.325	+0.91036
31	+34,469.938	+32,796.864	+0.95146
32	+35,641.099	+42,456.516	+1.19122
33	+37,722.708	+52,981.457	+1.40450
34	+39,200.604	+64,024.212	+1.63325
35	+39,516.093	+76,987.099	+1.94825
36	+39,332.853	+75,213.436	+1.91223
37	+38,973.770	+70,820.548	+1.81713
38	+38,293.302	+72,553.698	+1.89468
39	+37,472.075	+67,068.443	+1.78982
40	+36,645.349	+56,120.444	+1.53145
41	+35,694.622	+60,612.576	+1.69809
42	+34,542.744	+55,903.818	+1.61840

43	+33,410.014	+61,846.716	+1.85114
44	+31,620.541	+45,584.868	+1.44162
45	+30,324.308	+51,207.752	+1.68867
46	+28,523.113	+52,906.500	+1.85486
47	+26,008.729	+56,343.752	+2.16634
48	+24,798.452	+63,358.085	+2.55492

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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	+0.01738	+25,031.17	+0.00	+24,890.07	+11,558.143	+418.130
02	+0.01737	+24,867.37	+0.00	+24,720.33	+11,551.493	+418.130
03	+0.01710	+28,990.54	+0.00	+28,917.99	+11,371.936	+418.130
04	+0.01654	+24,164.28	+0.00	+23,890.57	+10,999.522	+418.130
05	+0.01650	+25,455.13	+0.00	+25,166.80	+10,972.921	-1,019.000
06	+0.01644	+19,631.96	+0.00	+19,545.20	+10,933.019	-1,019.000
07	+0.01632	+17,391.59	+0.00	+17,013.81	+10,853.216	-1,016.000
08	+0.01617	+14,839.51	+0.00	+14,596.66	+10,753.462	-1,016.000
09	+0.01606	+12,769.52	+0.00	+12,721.27	+10,680.310	-2,420.630
10	+0.01593	+8,640.64	+0.00	+8,631.01	+10,593.856	-2,420.630
11	+0.01617	+9,636.01	+0.00	+9,612.86	+10,753.462	-2,448.880
12	+0.01636	+6,962.39	+0.00	+6,951.65	+10,879.817	-2,448.880
13	+0.01673	+4,574.99	+0.00	+4,506.97	+11,125.877	-1,065.750
14	+0.01703	+1,525.12	+0.00	+1,518.83	+11,325.384	-1,065.750
15	+0.01807	+13,749.03	+0.00	+13,586.68	+12,017.011	+418.130
16	+0.01890	+20,497.80	+0.00	+20,297.53	+12,568.982	+418.130
17	+0.01970	+22,715.21	+0.00	+22,553.95	+13,101.002	+418.130
18	+0.02055	+19,286.57	+0.00	+19,063.32	+13,666.274	+418.130
19	+0.02120	+13,546.33	+0.00	+13,470.43	+14,098.541	+0.000
20	+0.02164	+23,026.67	+0.00	+23,026.67	+14,391.152	+0.000
21	+0.02200	+18,400.51	+0.00	+18,386.26	+14,630.561	+0.000
22	+0.02194	+11,723.03	+0.00	+11,628.59	+14,590.659	+5,432.440
23	+0.02193	+14,643.03	+0.00	+14,630.09	+14,584.009	+5,432.440
24	+0.02189	+8,721.06	+0.00	+8,683.32	+14,557.408	+5,432.440
25	+0.02192	+3,850.32	+0.00	+3,701.40	+14,577.359	+5,432.440
26	+0.02205	-791.12	+0.00	-827.78	+14,663.812	+5,432.440
27	+0.02207	-6,445.61	+0.00	-6,445.90	+14,677.113	+5,432.440
28	+0.02218	-12,942.24	+0.00	-13,015.56	+14,750.266	+0.000
29	+0.02252	-5,007.14	+0.00	-5,098.73	+14,976.374	+0.000
30	+0.02299	-4,584.46	+0.00	-4,775.58	+15,288.936	+0.000
31	+0.02362	-3,461.85	+0.00	-3,495.03	+15,707.902	+0.000
32	+0.02442	+5,459.67	+0.00	+4,935.43	+16,239.923	+0.000
33	+0.02585	+7,840.23	+0.00	+7,830.75	+17,190.909	+5,432.440
34	+0.02686	+17,424.81	+0.00	+17,321.65	+17,862.585	+5,432.440
35	+0.02708	+30,382.88	+0.00	+29,946.51	+18,008.891	+5,432.440
36	+0.02695	+28,372.59	+0.00	+28,372.59	+17,922.437	+5,432.440
37	+0.02671	+24,418.99	+0.00	+24,348.46	+17,762.831	+5,432.440
38	+0.02624	+26,882.49	+0.00	+26,803.76	+17,450.269	+5,432.440
39	+0.02568	+22,632.76	+0.00	+22,178.94	+17,077.855	+5,432.440
40	+0.02511	+18,037.57	+0.00	+17,539.18	+16,698.790	+0.000
41	+0.02446	+23,128.44	+0.00	+23,030.03	+16,266.524	+0.000
42	+0.02367	+19,743.26	+0.00	+19,535.10	+15,741.154	+0.000

43	+0.02289	+26,778.80	+.00	+26,676.46	+15,222.434	+.000
44	+0.02167	+12,372.42	+.00	+12,289.13	+14,411.103	+.000
45	+0.02078	+19,367.62	+.00	+19,279.49	+13,819.230	+.000
46	+0.01955	+23,236.06	+.00	+22,868.12	+13,001.249	+.000
47	+0.01782	+28,508.53	+.00	+28,445.00	+11,850.754	+518.500
48	+0.01699	+36,874.11	+.00	+36,734.62	+11,298.783	+518.500

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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	+2,172.063	+0.000	+14,322.355
02	+0.000	+0.000	+0.000	+2,170.814	+0.000	+14,314.114
03	+0.000	+0.000	+0.000	+2,137.070	+0.000	+14,091.615
04	+0.000	+0.000	+0.000	+2,067.084	+0.000	+13,630.135
05	+0.000	+0.000	+0.000	+2,062.085	+0.000	+13,597.172
06	+0.000	+0.000	+0.000	+2,054.587	+0.000	+13,547.728
07	+0.000	+0.000	+0.000	+2,039.590	+0.000	+13,448.839
08	+0.000	+0.000	+0.000	+2,020.844	+0.000	+13,325.229
09	+0.000	+0.000	+0.000	+2,007.097	+0.000	+13,234.581
10	+0.000	+0.000	+0.000	+1,990.850	+0.000	+13,127.452
11	+0.000	+0.000	+0.000	+2,020.844	+0.000	+13,325.229
12	+0.000	+0.000	+0.000	+2,044.589	+0.000	+13,481.802
13	+0.000	+0.000	+0.000	+2,090.830	+0.000	+13,786.708
14	+0.000	+0.000	+0.000	+2,128.322	+0.000	+14,033.930
15	+0.000	+0.000	+0.000	+2,258.296	+0.000	+14,890.964
16	+0.000	+0.000	+0.000	+2,362.025	+0.000	+15,574.943
17	+0.000	+0.000	+0.000	+2,462.005	+0.000	+16,234.199
18	+0.000	+0.000	+0.000	+2,568.234	+0.000	+16,934.660
19	+0.000	+0.000	+0.000	+2,649.467	+0.000	+17,470.306
20	+0.000	+0.000	+0.000	+2,704.456	+0.000	+17,832.897
21	+0.000	+0.000	+0.000	+2,749.447	+0.000	+18,129.563
22	+0.000	+0.000	+0.000	+2,741.949	+0.000	+18,080.119
23	+0.000	+0.000	+0.000	+2,740.699	+0.000	+18,071.878
24	+0.000	+0.000	+0.000	+2,735.700	+0.000	+18,038.915
25	+0.000	+0.000	+0.000	+2,739.449	+0.000	+18,063.637
26	+0.000	+0.000	+0.000	+2,755.696	+0.000	+18,170.766
27	+0.000	+0.000	+0.000	+2,758.196	+0.000	+18,187.248
28	+0.000	+0.000	+0.000	+2,771.943	+0.000	+18,277.896
29	+0.000	+0.000	+0.000	+2,814.434	+0.000	+18,558.080
30	+0.000	+0.000	+0.000	+2,873.172	+0.000	+18,945.393
31	+0.000	+0.000	+0.000	+2,951.907	+0.000	+19,464.558
32	+0.000	+0.000	+0.000	+3,051.886	+0.000	+20,123.815
33	+0.000	+0.000	+0.000	+3,230.601	+0.000	+21,302.236
34	+0.000	+0.000	+0.000	+3,356.825	+0.000	+22,134.548
35	+0.000	+0.000	+0.000	+3,384.320	+0.000	+22,315.844
36	+0.000	+0.000	+0.000	+3,368.073	+0.000	+22,208.715
37	+0.000	+0.000	+0.000	+3,338.079	+0.000	+22,010.937
38	+0.000	+0.000	+0.000	+3,279.341	+0.000	+21,623.624
39	+0.000	+0.000	+0.000	+3,209.355	+0.000	+21,162.144
40	+0.000	+0.000	+0.000	+3,138.119	+0.000	+20,692.424
41	+0.000	+0.000	+0.000	+3,056.885	+0.000	+20,156.778
42	+0.000	+0.000	+0.000	+2,958.155	+0.000	+19,505.762

43	+.000	+.000	+.000	+2,860.675	+.000	+18,862.986
44	+.000	+.000	+.000	+2,708.206	+.000	+17,857.619
45	+.000	+.000	+.000	+2,596.978	+.000	+17,124.196
46	+.000	+.000	+.000	+2,443.259	+.000	+16,110.589
47	+.000	+.000	+.000	+2,227.052	+.000	+14,684.946
48	+.000	+.000	+.000	+2,123.323	+.000	+14,000.967

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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	+71.752	+.000	-1,420.117	+.000
02	+.000	+.000	+71.711	+.000	-1,419.300	+.000
03	+.000	+.000	+70.596	+.000	-1,397.238	+.000
04	+.000	+.000	+68.284	+.000	-1,351.481	+.000
05	+.000	+.000	+68.119	+.000	-1,348.212	+.000
06	+.000	+.000	+67.871	+.000	-1,343.310	+.000
07	+.000	+.000	+67.376	+.000	-1,333.504	+.000
08	+.000	+.000	+66.757	+.000	-1,321.248	+.000
09	+.000	+.000	+66.302	+.000	-1,312.260	+.000
10	+.000	+.000	+65.766	+.000	-1,301.638	+.000
11	+.000	+.000	+66.757	+.000	-1,321.248	+.000
12	+.000	+.000	+67.541	+.000	-1,336.773	+.000
13	+.000	+.000	+69.068	+.000	-1,367.005	+.000
14	+.000	+.000	+70.307	+.000	-1,391.518	+.000
15	+.000	+.000	+74.601	+.000	-1,476.497	+.000
16	+.000	+.000	+78.027	+.000	-1,544.316	+.000
17	+.000	+.000	+81.330	+.000	-1,609.684	+.000
18	+.000	+.000	+84.839	+.000	-1,679.137	+.000
19	+.000	+.000	+87.523	+.000	-1,732.248	+.000
20	+.000	+.000	+89.339	+.000	-1,768.201	+.000
21	+.000	+.000	+90.825	+.000	-1,797.616	+.000
22	+.000	+.000	+90.578	+.000	-1,792.714	+.000
23	+.000	+.000	+90.536	+.000	-1,791.897	+.000
24	+.000	+.000	+90.371	+.000	-1,788.628	+.000
25	+.000	+.000	+90.495	+.000	-1,791.079	+.000
26	+.000	+.000	+91.032	+.000	-1,801.702	+.000
27	+.000	+.000	+91.114	+.000	-1,803.336	+.000
28	+.000	+.000	+91.568	+.000	-1,812.324	+.000
29	+.000	+.000	+92.972	+.000	-1,840.105	+.000
30	+.000	+.000	+94.912	+.000	-1,878.509	+.000
31	+.000	+.000	+97.513	+.000	-1,929.986	+.000
32	+.000	+.000	+100.816	+.000	-1,995.354	+.000
33	+.000	+.000	+106.720	+.000	-2,112.199	+.000
34	+.000	+.000	+110.889	+.000	-2,194.726	+.000
35	+.000	+.000	+111.798	+.000	-2,212.702	+.000
36	+.000	+.000	+111.261	+.000	-2,202.080	+.000
37	+.000	+.000	+110.270	+.000	-2,182.470	+.000
38	+.000	+.000	+108.330	+.000	-2,144.066	+.000
39	+.000	+.000	+106.018	+.000	-2,098.308	+.000
40	+.000	+.000	+103.665	+.000	-2,051.734	+.000
41	+.000	+.000	+100.981	+.000	-1,998.622	+.000
42	+.000	+.000	+97.720	+.000	-1,934.072	+.000



43	+.000	+.000	+94.500	+.000	-1,870.338	+.000
44	+.000	+.000	+89.463	+.000	-1,770.652	+.000
45	+.000	+.000	+85.789	+.000	-1,697.930	+.000
46	+.000	+.000	+80.711	+.000	-1,597.427	+.000
47	+.000	+.000	+73.568	+.000	-1,456.069	+.000
48	+.000	+.000	+70.142	+.000	-1,388.250	+.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	+52,012.396
02	+ .000	+51,827.291
03	+ .000	+55,610.099
04	+ .000	+49,722.245
05	+ .000	+49,499.885
06	+ .000	+43,786.096
07	+ .000	+41,073.327
08	+ .000	+38,425.703
09	+ .000	+34,976.670
10	+ .000	+30,686.666
11	+ .000	+32,009.023
12	+ .000	+29,639.747
13	+ .000	+29,146.698
14	+ .000	+26,619.505
15	+ .000	+41,769.184
16	+ .000	+49,755.321
17	+ .000	+53,240.933
18	+ .000	+51,056.320
19	+ .000	+46,044.018
20	+ .000	+56,276.314
21	+ .000	+52,189.040
22	+ .000	+50,771.621
23	+ .000	+53,757.756
24	+ .000	+47,749.526
25	+ .000	+42,813.701
26	+ .000	+38,484.265
27	+ .000	+32,896.874
28	+ .000	+21,063.788
29	+ .000	+29,503.025
30	+ .000	+30,548.325
31	+ .000	+32,796.864
32	+ .000	+42,456.516
33	+ .000	+52,981.457
34	+ .000	+64,024.212
35	+ .000	+76,987.099
36	+ .000	+75,213.436
37	+ .000	+70,820.548
38	+ .000	+72,553.698
39	+ .000	+67,068.443
40	+ .000	+56,120.444
41	+ .000	+60,612.576
42	+ .000	+55,903.818

43	+.000	+61,846.716
44	+.000	+45,584.868
45	+.000	+51,207.752
46	+.000	+52,906.500
47	+.000	+56,343.752
48	+.000	+63,358.085