

Date: 21/01/2021

Settlement Day:28/11/2019

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 242

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+2,757,903.140	+402,997,351.860
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+2,726,206.880	+397,778,008.930
Balancing Services Contract Cost	+838,896.197	+219,357,256.502
Balancing Services Cost Variable	+329,035.600	+106,566,416.510
ESO Incentive Recovery Costs	-21,485.790	+4,876,020.050
Black Start Capital Costs	+4,092.783	+148,281.144
Black Start Testing Costs	+0.000	+203,621.826
Black Start Availability Costs	+117,037.550	+27,978,053.726
Black Start Other Costs	+0.000	+69,815.007
System Operator Internal Costs	+824,071.040	+199,425,191.680
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,526,516.640
EMR Incentive Revenue	+0.000	+0.000
ESO Incentive Recovery t-1	+0.000	+0.000
ALoMCP Recovery	+0.000	+0.000
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+199,425,191.680
Total External Costs	+4,000,091.140	+758,503,990.335
Total Adjusted Energy Volume (MWh)	+1,524,776.982	

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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	+23,135.435	+127,958.152	+5.53083
02	+23,335.494	+132,874.891	+5.69411
03	+23,110.907	+120,117.293	+5.19743
04	+23,092.488	+121,248.374	+5.25055
05	+22,914.907	+131,992.193	+5.76010
06	+22,676.137	+144,550.856	+6.37458
07	+22,505.780	+146,588.525	+6.51337
08	+22,376.586	+146,717.081	+6.55672
09	+22,230.130	+173,074.129	+7.78557
10	+22,459.873	+178,857.037	+7.96340
11	+22,930.472	+181,255.552	+7.90457
12	+23,536.023	+195,074.760	+8.28835
13	+25,897.515	+178,473.477	+6.89153
14	+28,841.579	+147,415.541	+5.11122
15	+32,126.573	+118,731.718	+3.69575
16	+33,953.389	+94,239.912	+2.77557
17	+34,725.886	+102,322.902	+2.94659
18	+34,627.732	+87,127.836	+2.51613
19	+35,358.978	+86,938.418	+2.45874
20	+35,462.274	+83,040.632	+2.34166
21	+35,295.515	+86,247.781	+2.44359
22	+35,325.532	+101,122.889	+2.86260
23	+35,000.686	+89,172.557	+2.54774
24	+35,168.870	+80,833.328	+2.29843
25	+35,359.949	+81,536.128	+2.30589
26	+35,575.505	+83,397.097	+2.34423
27	+35,586.248	+74,827.286	+2.10270
28	+35,683.110	+70,734.571	+1.98230
29	+36,080.916	+78,897.440	+2.18668
30	+36,187.425	+66,582.894	+1.83995
31	+36,394.266	+66,525.683	+1.82792
32	+37,553.140	+80,299.492	+2.13829
33	+38,391.018	+95,266.328	+2.48147
34	+39,375.627	+87,324.217	+2.21772
35	+39,659.528	+85,934.131	+2.16680
36	+39,431.391	+89,707.573	+2.27503
37	+39,054.304	+80,749.144	+2.06761
38	+38,970.356	+72,713.098	+1.86586
39	+38,982.255	+85,131.867	+2.18386
40	+38,035.818	+65,855.267	+1.73140
41	+36,880.073	+60,589.978	+1.64289
42	+35,575.826	+60,335.747	+1.69598

43	+33,914.320	+78,911.024	+2.32678
44	+32,016.244	+65,240.844	+2.03774
45	+30,223.500	+68,404.678	+2.26329
46	+28,403.698	+51,560.094	+1.81526
47	+26,226.900	+53,695.589	+2.04735
48	+25,126.804	+63,966.177	+2.54573

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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	+0.01517	+94,843.69	+0.00	+93,434.39	+12,726.055	+7,689.250
02	+0.01530	+98,389.63	+0.00	+98,121.17	+12,835.112	+7,689.250
03	+0.01516	+85,745.09	+0.00	+83,486.47	+12,717.666	+9,814.000
04	+0.01514	+84,881.91	+0.00	+84,652.93	+12,700.888	+9,814.000
05	+0.01503	+92,797.20	+0.00	+92,027.33	+12,608.610	+13,378.000
06	+0.01487	+105,600.81	+0.00	+104,869.02	+12,474.386	+13,378.000
07	+0.01476	+109,387.24	+0.00	+108,469.27	+12,382.108	+12,010.000
08	+0.01468	+110,301.08	+0.00	+108,739.34	+12,314.996	+12,010.000
09	+0.01458	+119,962.29	+0.00	+119,163.34	+12,231.107	+28,119.940
10	+0.01473	+126,317.29	+0.00	+124,680.91	+12,356.941	+28,119.940
11	+0.01504	+138,726.61	+0.00	+137,665.70	+12,616.999	+16,985.300
12	+0.01544	+151,404.53	+0.00	+150,777.34	+12,952.557	+16,985.300
13	+0.01698	+131,519.86	+0.00	+129,559.78	+14,244.457	+18,877.440
14	+0.01892	+95,609.14	+0.00	+95,070.14	+15,871.916	+18,877.440
15	+0.02107	+76,593.01	+0.00	+76,028.14	+17,675.543	+5,432.440
16	+0.02227	+51,531.34	+0.00	+49,413.63	+18,682.218	+5,432.440
17	+0.02277	+57,216.72	+0.00	+56,612.16	+19,101.666	+5,432.440
18	+0.02271	+41,912.97	+0.00	+41,523.23	+19,051.333	+5,432.440
19	+0.02319	+40,661.16	+0.00	+40,484.73	+19,454.003	+5,432.440
20	+0.02326	+36,642.43	+0.00	+36,463.12	+19,512.726	+5,432.440
21	+0.02315	+40,014.21	+0.00	+39,864.85	+19,420.447	+5,432.440
22	+0.02317	+54,796.94	+0.00	+54,704.58	+19,437.225	+5,432.440
23	+0.02295	+43,195.68	+0.00	+43,143.41	+19,252.668	+5,432.440
24	+0.02306	+34,762.97	+0.00	+34,609.60	+19,344.946	+5,432.440
25	+0.02319	+35,365.92	+0.00	+35,082.44	+19,454.003	+5,432.440
26	+0.02333	+36,838.02	+0.00	+36,695.76	+19,571.448	+5,432.440
27	+0.02334	+33,733.46	+0.00	+33,540.70	+19,579.837	+0.000
28	+0.02340	+29,644.50	+0.00	+29,341.85	+19,630.171	+0.000
29	+0.02366	+37,353.15	+0.00	+37,044.80	+19,848.284	+0.000
30	+0.02373	+25,173.27	+0.00	+24,606.43	+19,907.007	+0.000
31	+0.02387	+24,942.69	+0.00	+24,301.57	+20,024.452	+0.000
32	+0.02463	+37,702.82	+0.00	+36,731.00	+20,662.013	+0.000
33	+0.02518	+46,434.79	+0.00	+45,292.49	+21,123.406	+5,432.440
34	+0.02582	+37,699.71	+0.00	+36,218.27	+21,660.300	+5,432.440
35	+0.02601	+36,424.48	+0.00	+34,492.09	+21,819.690	+5,432.440
36	+0.02586	+38,819.77	+0.00	+38,530.87	+21,693.856	+5,432.440
37	+0.02561	+30,491.87	+0.00	+30,014.67	+21,484.132	+5,432.440
38	+0.02556	+22,842.96	+0.00	+22,067.07	+21,442.187	+5,432.440
39	+0.02557	+35,187.12	+0.00	+34,468.15	+21,450.576	+5,432.440
40	+0.02495	+16,640.85	+0.00	+16,288.28	+20,930.460	+5,432.440
41	+0.02419	+12,462.70	+0.00	+12,367.37	+20,292.899	+5,432.440
42	+0.02333	+19,326.74	+0.00	+19,066.85	+19,571.448	+0.000

43	+0.02224	+39,731.05	+.00	+39,570.25	+18,657.051	+.000
44	+0.02100	+28,377.64	+.00	+28,093.53	+17,616.820	+.000
45	+0.01982	+33,632.85	+.00	+33,344.69	+16,626.923	+.000
46	+0.01863	+18,875.09	+.00	+18,605.12	+15,628.636	+.000
47	+0.01720	+23,016.75	+.00	+22,666.92	+14,429.015	+603.250
48	+0.01648	+34,371.14	+.00	+34,211.13	+13,825.009	+603.250

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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	-325.939	+62.088	+0.000	+1,775.460	+0.000	+12,501.158
02	-328.733	+62.620	+0.000	+1,790.675	+0.000	+12,608.287
03	-325.725	+62.047	+0.000	+1,774.289	+0.000	+12,492.917
04	-325.295	+61.965	+0.000	+1,771.949	+0.000	+12,476.436
05	-322.931	+61.515	+0.000	+1,759.074	+0.000	+12,385.788
06	-319.494	+60.860	+0.000	+1,740.348	+0.000	+12,253.936
07	-317.130	+60.409	+0.000	+1,727.474	+0.000	+12,163.289
08	-315.411	+60.082	+0.000	+1,718.111	+0.000	+12,097.363
09	-313.263	+59.673	+0.000	+1,706.407	+0.000	+12,014.956
10	-316.486	+60.287	+0.000	+1,723.963	+0.000	+12,138.566
11	-323.146	+61.555	+0.000	+1,760.245	+0.000	+12,394.028
12	-331.741	+63.193	+0.000	+1,807.060	+0.000	+12,723.657
13	-364.829	+69.495	+0.000	+1,987.298	+0.000	+13,992.726
14	-406.511	+77.435	+0.000	+2,214.350	+0.000	+15,591.424
15	-452.706	+86.235	+0.000	+2,465.981	+0.000	+17,363.177
16	-478.489	+91.146	+0.000	+2,606.426	+0.000	+18,352.062
17	-489.231	+93.193	+0.000	+2,664.945	+0.000	+18,764.098
18	-487.942	+92.947	+0.000	+2,657.923	+0.000	+18,714.653
19	-498.255	+94.912	+0.000	+2,714.101	+0.000	+19,110.207
20	-499.759	+95.198	+0.000	+2,722.293	+0.000	+19,167.892
21	-497.396	+94.748	+0.000	+2,709.419	+0.000	+19,077.245
22	-497.826	+94.830	+0.000	+2,711.760	+0.000	+19,093.726
23	-493.099	+93.929	+0.000	+2,686.012	+0.000	+18,912.430
24	-495.462	+94.380	+0.000	+2,698.886	+0.000	+19,003.078
25	-498.255	+94.912	+0.000	+2,714.101	+0.000	+19,110.207
26	-501.263	+95.485	+0.000	+2,730.486	+0.000	+19,225.577
27	-501.478	+95.526	+0.000	+2,731.656	+0.000	+19,233.818
28	-502.767	+95.771	+0.000	+2,738.679	+0.000	+19,283.262
29	-508.354	+96.835	+0.000	+2,769.108	+0.000	+19,497.521
30	-509.858	+97.122	+0.000	+2,777.301	+0.000	+19,555.206
31	-512.866	+97.695	+0.000	+2,793.686	+0.000	+19,670.576
32	-529.195	+100.805	+0.000	+2,882.635	+0.000	+20,296.870
33	-541.012	+103.056	+0.000	+2,947.006	+0.000	+20,750.109
34	-554.763	+105.676	+0.000	+3,021.910	+0.000	+21,277.514
35	-558.845	+106.453	+0.000	+3,044.147	+0.000	+21,434.088
36	-555.623	+105.839	+0.000	+3,026.591	+0.000	+21,310.477
37	-550.251	+104.816	+0.000	+2,997.332	+0.000	+21,104.459
38	-549.177	+104.612	+0.000	+2,991.480	+0.000	+21,063.256
39	-549.392	+104.652	+0.000	+2,992.650	+0.000	+21,071.496
40	-536.070	+102.115	+0.000	+2,920.087	+0.000	+20,560.572
41	-519.741	+99.004	+0.000	+2,831.138	+0.000	+19,934.278
42	-501.263	+95.485	+0.000	+2,730.486	+0.000	+19,225.577

43	-477.844	+91.023	+.000	+2,602.915	+.000	+18,327.340
44	-451.202	+85.948	+.000	+2,457.789	+.000	+17,305.492
45	-425.848	+81.119	+.000	+2,319.684	+.000	+16,333.088
46	-400.280	+76.249	+.000	+2,180.410	+.000	+15,352.443
47	-369.556	+70.396	+.000	+2,013.046	+.000	+14,174.022
48	-354.086	+67.449	+.000	+1,928.779	+.000	+13,580.691

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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	+0.000	+95.691	+0.000	+0.000	+0.000	+0.000
02	+0.000	+96.511	+0.000	+0.000	+0.000	+0.000
03	+0.000	+95.628	+0.000	+0.000	+0.000	+0.000
04	+0.000	+95.502	+0.000	+0.000	+0.000	+0.000
05	+0.000	+94.808	+0.000	+0.000	+0.000	+0.000
06	+0.000	+93.799	+0.000	+0.000	+0.000	+0.000
07	+0.000	+93.105	+0.000	+0.000	+0.000	+0.000
08	+0.000	+92.600	+0.000	+0.000	+0.000	+0.000
09	+0.000	+91.969	+0.000	+0.000	+0.000	+0.000
10	+0.000	+92.916	+0.000	+0.000	+0.000	+0.000
11	+0.000	+94.871	+0.000	+0.000	+0.000	+0.000
12	+0.000	+97.394	+0.000	+0.000	+0.000	+0.000
13	+0.000	+107.108	+0.000	+0.000	+0.000	+0.000
14	+0.000	+119.346	+0.000	+0.000	+0.000	+0.000
15	+0.000	+132.908	+0.000	+0.000	+0.000	+0.000
16	+0.000	+140.477	+0.000	+0.000	+0.000	+0.000
17	+0.000	+143.631	+0.000	+0.000	+0.000	+0.000
18	+0.000	+143.253	+0.000	+0.000	+0.000	+0.000
19	+0.000	+146.281	+0.000	+0.000	+0.000	+0.000
20	+0.000	+146.722	+0.000	+0.000	+0.000	+0.000
21	+0.000	+146.028	+0.000	+0.000	+0.000	+0.000
22	+0.000	+146.155	+0.000	+0.000	+0.000	+0.000
23	+0.000	+144.767	+0.000	+0.000	+0.000	+0.000
24	+0.000	+145.461	+0.000	+0.000	+0.000	+0.000
25	+0.000	+146.281	+0.000	+0.000	+0.000	+0.000
26	+0.000	+147.164	+0.000	+0.000	+0.000	+0.000
27	+0.000	+147.227	+0.000	+0.000	+0.000	+0.000
28	+0.000	+147.605	+0.000	+0.000	+0.000	+0.000
29	+0.000	+149.245	+0.000	+0.000	+0.000	+0.000
30	+0.000	+149.687	+0.000	+0.000	+0.000	+0.000
31	+0.000	+150.570	+0.000	+0.000	+0.000	+0.000
32	+0.000	+155.364	+0.000	+0.000	+0.000	+0.000
33	+0.000	+158.833	+0.000	+0.000	+0.000	+0.000
34	+0.000	+162.870	+0.000	+0.000	+0.000	+0.000
35	+0.000	+164.069	+0.000	+0.000	+0.000	+0.000
36	+0.000	+163.123	+0.000	+0.000	+0.000	+0.000
37	+0.000	+161.546	+0.000	+0.000	+0.000	+0.000
38	+0.000	+161.230	+0.000	+0.000	+0.000	+0.000
39	+0.000	+161.294	+0.000	+0.000	+0.000	+0.000
40	+0.000	+157.383	+0.000	+0.000	+0.000	+0.000
41	+0.000	+152.589	+0.000	+0.000	+0.000	+0.000
42	+0.000	+147.164	+0.000	+0.000	+0.000	+0.000

43	+ .000	+140.288	+ .000	+ .000	+ .000	+ .000
44	+ .000	+132.466	+ .000	+ .000	+ .000	+ .000
45	+ .000	+125.023	+ .000	+ .000	+ .000	+ .000
46	+ .000	+117.517	+ .000	+ .000	+ .000	+ .000
47	+ .000	+108.496	+ .000	+ .000	+ .000	+ .000
48	+ .000	+103.955	+ .000	+ .000	+ .000	+ .000

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Settlement Period	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+ .000	+127,958.152
02	+ .000	+132,874.891
03	+ .000	+120,117.293
04	+ .000	+121,248.374
05	+ .000	+131,992.193
06	+ .000	+144,550.856
07	+ .000	+146,588.525
08	+ .000	+146,717.081
09	+ .000	+173,074.129
10	+ .000	+178,857.037
11	+ .000	+181,255.552
12	+ .000	+195,074.760
13	+ .000	+178,473.477
14	+ .000	+147,415.541
15	+ .000	+118,731.718
16	+ .000	+94,239.912
17	+ .000	+102,322.902
18	+ .000	+87,127.836
19	+ .000	+86,938.418
20	+ .000	+83,040.632
21	+ .000	+86,247.781
22	+ .000	+101,122.889
23	+ .000	+89,172.557
24	+ .000	+80,833.328
25	+ .000	+81,536.128
26	+ .000	+83,397.097
27	+ .000	+74,827.286
28	+ .000	+70,734.571
29	+ .000	+78,897.440
30	+ .000	+66,582.894
31	+ .000	+66,525.683
32	+ .000	+80,299.492
33	+ .000	+95,266.328
34	+ .000	+87,324.217
35	+ .000	+85,934.131
36	+ .000	+89,707.573
37	+ .000	+80,749.144
38	+ .000	+72,713.098
39	+ .000	+85,131.867
40	+ .000	+65,855.267
41	+ .000	+60,589.978
42	+ .000	+60,335.747

43	+.000	+78,911.024
44	+.000	+65,240.844
45	+.000	+68,404.678
46	+.000	+51,560.094
47	+.000	+53,695.589
48	+.000	+63,966.177