

Date: 28/10/2019

Settlement Day:20/10/2019

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: 203

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,722,133.850	+329,328,614.220
Balancing Services Contract Cost	+771,505.674	+150,628,662.351
Balancing Services Cost Variable	+580,020.620	+82,675,846.615
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	+25,025,383.516
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+167,286,421.120
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+838,069.260
Placeholder Column2 30 Charact	+0.000	+0.000
Placeholder Column3 30 Charact	+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	+167,286,421.120
Total External Costs	+3,201,076.235	+596,078,543.812
Total Adjusted Energy Volume (MWh)	+1,170,634.997	

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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	+20,311.541	+108,549.265	+5.34422
02	+19,716.328	+106,425.609	+5.39784
03	+19,715.785	+94,360.769	+4.78605
04	+19,806.862	+96,160.568	+4.85491
05	+19,764.076	+91,687.019	+4.63907
06	+19,645.535	+86,257.389	+4.39069
07	+19,890.464	+104,633.048	+5.26046
08	+19,647.459	+122,131.679	+6.21616
09	+19,417.690	+109,210.671	+5.62429
10	+19,350.906	+103,301.201	+5.33831
11	+19,291.140	+93,656.511	+4.85490
12	+19,244.208	+87,365.572	+4.53984
13	+19,472.587	+89,078.630	+4.57457
14	+20,327.265	+82,548.375	+4.06097
15	+21,510.084	+70,260.378	+3.26639
16	+22,643.573	+80,095.721	+3.53724
17	+23,656.907	+80,988.485	+3.42346
18	+24,291.045	+81,772.231	+3.36635
19	+25,016.897	+81,952.276	+3.27588
20	+24,797.409	+69,029.928	+2.78376
21	+25,194.088	+75,583.745	+3.00006
22	+25,179.582	+86,769.525	+3.44603
23	+25,000.442	+80,489.676	+3.21953
24	+24,858.651	+76,747.297	+3.08735
25	+25,104.998	+94,093.916	+3.74802
26	+25,197.537	+100,841.975	+4.00206
27	+25,163.818	+104,735.375	+4.16214
28	+25,066.874	+102,991.806	+4.10868
29	+25,237.166	+86,229.765	+3.41678
30	+25,544.813	+83,187.373	+3.25653
31	+26,278.753	+81,067.448	+3.08490
32	+27,223.899	+83,048.773	+3.05058
33	+28,175.520	+74,843.307	+2.65632
34	+29,354.246	+73,462.700	+2.50263
35	+30,430.437	+78,610.963	+2.58330
36	+31,364.045	+83,161.857	+2.65150
37	+31,935.787	+79,490.414	+2.48907
38	+32,533.288	+75,500.000	+2.32070
39	+31,974.550	+72,647.114	+2.27203
40	+30,755.684	+69,177.851	+2.24927
41	+29,813.073	+63,305.697	+2.12342
42	+28,431.078	+60,756.595	+2.13698

43	+27,115.166	+60,077.983	+2.21566
44	+25,711.391	+57,327.782	+2.22966
45	+24,425.896	+53,372.480	+2.18508
46	+22,988.069	+49,317.449	+2.14535
47	+22,071.191	+89,862.024	+4.07146
48	+20,987.194	+88,946.601	+4.23814

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	System Operator Balancing Mechanism Costs(£)	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)	ESO Incentive Recovery Costs	Black Start Capital Costs
01	+0.01735	+48,872.34	+13,385.623	+29,783.000	+0.000	+0.000
02	+0.01684	+47,627.41	+12,992.156	+29,783.000	+0.000	+0.000
03	+0.01684	+35,784.07	+12,992.156	+29,561.500	+0.000	+0.000
04	+0.01692	+37,446.03	+13,053.876	+29,561.500	+0.000	+0.000
05	+0.01688	+33,019.03	+13,023.016	+29,583.870	+0.000	+0.000
06	+0.01678	+27,761.70	+12,945.865	+29,583.870	+0.000	+0.000
07	+0.01699	+40,080.40	+13,107.881	+35,279.000	+0.000	+0.000
08	+0.01678	+57,940.86	+12,945.865	+35,279.000	+0.000	+0.000
09	+0.01659	+45,347.22	+12,799.279	+35,279.000	+0.000	+0.000
10	+0.01653	+39,541.13	+12,752.989	+35,279.000	+0.000	+0.000
11	+0.01648	+29,982.59	+12,714.414	+35,279.000	+0.000	+0.000
12	+0.01644	+23,760.57	+12,683.553	+35,279.000	+0.000	+0.000
13	+0.01663	+25,146.26	+12,830.139	+35,279.000	+0.000	+0.000
14	+0.01736	+17,358.22	+13,393.339	+35,279.000	+0.000	+0.000
15	+0.01837	+20,744.81	+14,172.559	+17,864.190	+0.000	+0.000
16	+0.01934	+28,908.85	+14,920.920	+17,864.190	+0.000	+0.000
17	+0.02021	+30,647.80	+15,592.130	+15,519.000	+0.000	+0.000
18	+0.02075	+30,501.13	+16,008.743	+15,519.000	+0.000	+0.000
19	+0.02137	+47,867.27	+16,487.076	-2,735.350	+0.000	+0.000
20	+0.02118	+35,272.29	+16,340.490	-2,735.350	+0.000	+0.000
21	+0.02152	+41,320.09	+16,602.802	-2,815.150	+0.000	+0.000
22	+0.02151	+47,213.95	+16,595.087	+2,494.000	+0.000	+0.000
23	+0.02136	+37,865.90	+16,479.361	+5,820.650	+0.000	+0.000
24	+0.02124	+34,330.28	+16,386.781	+5,820.650	+0.000	+0.000
25	+0.02145	+53,486.57	+16,548.797	+3,649.150	+0.000	+0.000
26	+0.02152	+60,114.02	+16,602.802	+3,649.150	+0.000	+0.000
27	+0.02150	+70,988.53	+16,587.372	-3,297.500	+0.000	+0.000
28	+0.02141	+69,400.03	+16,517.936	-3,297.500	+0.000	+0.000
29	+0.02156	+50,593.29	+16,633.662	-1,511.250	+0.000	+0.000
30	+0.02182	+47,102.92	+16,834.254	-1,511.250	+0.000	+0.000
31	+0.02245	+44,605.51	+17,320.302	-2,219.250	+0.000	+0.000
32	+0.02326	+45,191.21	+17,945.222	-2,219.250	+0.000	+0.000
33	+0.02407	+33,370.87	+18,570.142	+0.000	+0.000	+0.000
34	+0.02508	+30,250.04	+19,349.362	+0.000	+0.000	+0.000
35	+0.02599	+33,830.38	+20,051.432	+0.000	+0.000	+0.000
36	+0.02679	+31,693.73	+20,668.637	+5,309.150	+0.000	+0.000
37	+0.02728	+27,178.02	+21,046.675	+5,309.150	+0.000	+0.000
38	+0.02779	+22,308.88	+21,440.143	+5,309.150	+0.000	+0.000
39	+0.02731	+20,283.03	+21,069.820	+5,309.150	+0.000	+0.000
40	+0.02627	+18,605.68	+20,267.454	+5,309.150	+0.000	+0.000
41	+0.02547	+19,421.07	+19,650.250	+0.000	+0.000	+0.000
42	+0.02429	+18,905.10	+18,739.873	+0.000	+0.000	+0.000

43	+0.02316	+19,528.34	+17,868.071	+645.130	+.000	+.000
44	+0.02196	+18,845.73	+16,942.265	+645.130	+.000	+.000
45	+0.02087	+19,600.00	+16,101.323	-2,186.380	+.000	+.000
46	+0.01964	+17,664.25	+15,152.371	-2,186.380	+.000	+.000
47	+0.01885	+42,078.36	+14,542.882	+15,305.250	+.000	+.000
48	+0.01793	+42,748.09	+13,833.097	+15,305.250	+.000	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)	System Innovation Costs(£)	Prior Year Cost Recovery
01	+0.000	+2,139.041	+0.000	+14,297.633	+0.000	+0.000
02	+0.000	+2,076.164	+0.000	+13,877.356	+0.000	+0.000
03	+0.000	+2,076.164	+0.000	+13,877.356	+0.000	+0.000
04	+0.000	+2,086.027	+0.000	+13,943.282	+0.000	+0.000
05	+0.000	+2,081.096	+0.000	+13,910.319	+0.000	+0.000
06	+0.000	+2,068.767	+0.000	+13,827.912	+0.000	+0.000
07	+0.000	+2,094.658	+0.000	+14,000.967	+0.000	+0.000
08	+0.000	+2,068.767	+0.000	+13,827.912	+0.000	+0.000
09	+0.000	+2,045.342	+0.000	+13,671.339	+0.000	+0.000
10	+0.000	+2,037.945	+0.000	+13,621.894	+0.000	+0.000
11	+0.000	+2,031.781	+0.000	+13,580.691	+0.000	+0.000
12	+0.000	+2,026.849	+0.000	+13,547.728	+0.000	+0.000
13	+0.000	+2,050.274	+0.000	+13,704.301	+0.000	+0.000
14	+0.000	+2,140.274	+0.000	+14,305.873	+0.000	+0.000
15	+0.000	+2,264.795	+0.000	+15,138.185	+0.000	+0.000
16	+0.000	+2,384.384	+0.000	+15,937.534	+0.000	+0.000
17	+0.000	+2,491.644	+0.000	+16,654.476	+0.000	+0.000
18	+0.000	+2,558.219	+0.000	+17,099.474	+0.000	+0.000
19	+0.000	+2,634.658	+0.000	+17,610.398	+0.000	+0.000
20	+0.000	+2,611.233	+0.000	+17,453.825	+0.000	+0.000
21	+0.000	+2,653.151	+0.000	+17,734.009	+0.000	+0.000
22	+0.000	+2,651.918	+0.000	+17,725.768	+0.000	+0.000
23	+0.000	+2,633.425	+0.000	+17,602.157	+0.000	+0.000
24	+0.000	+2,618.630	+0.000	+17,503.269	+0.000	+0.000
25	+0.000	+2,644.521	+0.000	+17,676.324	+0.000	+0.000
26	+0.000	+2,653.151	+0.000	+17,734.009	+0.000	+0.000
27	+0.000	+2,650.685	+0.000	+17,717.527	+0.000	+0.000
28	+0.000	+2,639.589	+0.000	+17,643.361	+0.000	+0.000
29	+0.000	+2,658.082	+0.000	+17,766.972	+0.000	+0.000
30	+0.000	+2,690.137	+0.000	+17,981.230	+0.000	+0.000
31	+0.000	+2,767.808	+0.000	+18,500.395	+0.000	+0.000
32	+0.000	+2,867.671	+0.000	+19,167.892	+0.000	+0.000
33	+0.000	+2,967.534	+0.000	+19,835.390	+0.000	+0.000
34	+0.000	+3,092.055	+0.000	+20,667.702	+0.000	+0.000
35	+0.000	+3,204.247	+0.000	+21,417.606	+0.000	+0.000
36	+0.000	+3,302.877	+0.000	+22,076.863	+0.000	+0.000
37	+0.000	+3,363.288	+0.000	+22,480.658	+0.000	+0.000
38	+0.000	+3,426.164	+0.000	+22,900.934	+0.000	+0.000
39	+0.000	+3,366.986	+0.000	+22,505.380	+0.000	+0.000
40	+0.000	+3,238.767	+0.000	+21,648.346	+0.000	+0.000
41	+0.000	+3,140.137	+0.000	+20,989.089	+0.000	+0.000
42	+0.000	+2,994.658	+0.000	+20,016.686	+0.000	+0.000

43	+.000	+2,855.342	+.000	+19,085.485	+.000	+.000
44	+.000	+2,707.397	+.000	+18,096.600	+.000	+.000
45	+.000	+2,573.014	+.000	+17,198.363	+.000	+.000
46	+.000	+2,421.370	+.000	+16,184.755	+.000	+.000
47	+.000	+2,323.973	+.000	+15,533.739	+.000	+.000
48	+.000	+2,210.548	+.000	+14,775.594	+.000	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	EMR Incentive Revenue	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+71.628	+0.000	+0.000	+0.000	+0.000	+108,549.265
02	+69.523	+0.000	+0.000	+0.000	+0.000	+106,425.609
03	+69.523	+0.000	+0.000	+0.000	+0.000	+94,360.769
04	+69.853	+0.000	+0.000	+0.000	+0.000	+96,160.568
05	+69.688	+0.000	+0.000	+0.000	+0.000	+91,687.019
06	+69.275	+0.000	+0.000	+0.000	+0.000	+86,257.389
07	+70.142	+0.000	+0.000	+0.000	+0.000	+104,633.048
08	+69.275	+0.000	+0.000	+0.000	+0.000	+122,131.679
09	+68.490	+0.000	+0.000	+0.000	+0.000	+109,210.671
10	+68.243	+0.000	+0.000	+0.000	+0.000	+103,301.201
11	+68.036	+0.000	+0.000	+0.000	+0.000	+93,656.511
12	+67.871	+0.000	+0.000	+0.000	+0.000	+87,365.572
13	+68.656	+0.000	+0.000	+0.000	+0.000	+89,078.630
14	+71.669	+0.000	+0.000	+0.000	+0.000	+82,548.375
15	+75.839	+0.000	+0.000	+0.000	+0.000	+70,260.378
16	+79.844	+0.000	+0.000	+0.000	+0.000	+80,095.721
17	+83.435	+0.000	+0.000	+0.000	+0.000	+80,988.485
18	+85.665	+0.000	+0.000	+0.000	+0.000	+81,772.231
19	+88.224	+0.000	+0.000	+0.000	+0.000	+81,952.276
20	+87.440	+0.000	+0.000	+0.000	+0.000	+69,029.928
21	+88.844	+0.000	+0.000	+0.000	+0.000	+75,583.745
22	+88.802	+0.000	+0.000	+0.000	+0.000	+86,769.525
23	+88.183	+0.000	+0.000	+0.000	+0.000	+80,489.676
24	+87.688	+0.000	+0.000	+0.000	+0.000	+76,747.297
25	+88.555	+0.000	+0.000	+0.000	+0.000	+94,093.916
26	+88.844	+0.000	+0.000	+0.000	+0.000	+100,841.975
27	+88.761	+0.000	+0.000	+0.000	+0.000	+104,735.375
28	+88.389	+0.000	+0.000	+0.000	+0.000	+102,991.806
29	+89.009	+0.000	+0.000	+0.000	+0.000	+86,229.765
30	+90.082	+0.000	+0.000	+0.000	+0.000	+83,187.373
31	+92.683	+0.000	+0.000	+0.000	+0.000	+81,067.448
32	+96.027	+0.000	+0.000	+0.000	+0.000	+83,048.773
33	+99.371	+0.000	+0.000	+0.000	+0.000	+74,843.307
34	+103.541	+0.000	+0.000	+0.000	+0.000	+73,462.700
35	+107.298	+0.000	+0.000	+0.000	+0.000	+78,610.963
36	+110.600	+0.000	+0.000	+0.000	+0.000	+83,161.857
37	+112.623	+0.000	+0.000	+0.000	+0.000	+79,490.414
38	+114.729	+0.000	+0.000	+0.000	+0.000	+75,500.000
39	+112.747	+0.000	+0.000	+0.000	+0.000	+72,647.114
40	+108.454	+0.000	+0.000	+0.000	+0.000	+69,177.851
41	+105.151	+0.000	+0.000	+0.000	+0.000	+63,305.697
42	+100.279	+0.000	+0.000	+0.000	+0.000	+60,756.595

43	+95.614	+.000	+.000	+.000	+.000	+60,077.983
44	+90.660	+.000	+.000	+.000	+.000	+57,327.782
45	+86.160	+.000	+.000	+.000	+.000	+53,372.480
46	+81.082	+.000	+.000	+.000	+.000	+49,317.449
47	+77.821	+.000	+.000	+.000	+.000	+89,862.024
48	+74.023	+.000	+.000	+.000	+.000	+88,946.601