

Date: 26/07/2019

Settlement Day:23/05/2019

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: 53

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+404,622.740	+60,665,438.060
Balancing Services Contract Cost	+699,935.699	+43,343,884.155
Balancing Services Cost Variable	+137,978.360	+5,727,857.925
ESO Incentive Recovery Costs	+40,983.610	+2,172,131.330
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+6,534,246.563
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+43,675,765.120
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+218,806.260
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	+43,675,765.120
Total External Costs	+1,410,936.500	+118,662,364.293
Total Adjusted Energy Volume (MWh)	+1,149,953.211	

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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	+20,302.508	+57,093.328	+2.81213
02	+19,757.898	+52,034.083	+2.63358
03	+19,634.808	+54,425.528	+2.77189
04	+19,654.286	+52,039.256	+2.64773
05	+19,596.576	+52,641.826	+2.68628
06	+19,307.950	+50,128.504	+2.59626
07	+19,479.066	+49,482.625	+2.54030
08	+19,478.983	+48,738.565	+2.50211
09	+19,477.975	+45,364.545	+2.32902
10	+19,307.349	+48,601.954	+2.51728
11	+19,018.511	+50,714.453	+2.66658
12	+19,747.582	+52,048.839	+2.63571
13	+22,164.038	+68,450.292	+3.08835
14	+24,102.827	+73,463.649	+3.04793
15	+25,646.955	+63,785.484	+2.48706
16	+26,367.367	+67,204.720	+2.54878
17	+26,355.074	+62,717.526	+2.37971
18	+26,317.835	+65,499.243	+2.48878
19	+26,107.357	+61,138.726	+2.34182
20	+25,674.871	+56,075.916	+2.18408
21	+24,968.262	+53,378.814	+2.13787
22	+24,411.475	+41,210.999	+1.68818
23	+24,370.561	+38,319.752	+1.57238
24	+24,359.111	+46,567.838	+1.91172
25	+24,079.612	+37,868.761	+1.57265
26	+23,836.074	+33,854.036	+1.42029
27	+23,797.707	+34,183.309	+1.43641
28	+23,746.124	+36,554.413	+1.53938
29	+23,635.986	+30,674.942	+1.29781
30	+23,769.600	+26,957.501	+1.13412
31	+24,117.338	+27,714.443	+1.14915
32	+24,780.368	+34,556.819	+1.39452
33	+25,321.710	+36,936.910	+1.45871
34	+26,160.495	+40,911.277	+1.56386
35	+26,910.073	+36,124.211	+1.34240
36	+27,491.294	+39,283.788	+1.42895
37	+27,589.447	+29,729.851	+1.07758
38	+27,979.929	+35,363.939	+1.26390
39	+28,192.297	+34,919.136	+1.23861
40	+28,298.110	+50,718.002	+1.79228
41	+28,000.696	+50,740.647	+1.81212
42	+27,882.098	+50,654.306	+1.81673

43	+27,567.379	+50,399.122	+1.82822
44	+27,029.970	+44,236.485	+1.63657
45	+26,227.369	+43,814.931	+1.67058
46	+24,583.059	+42,470.730	+1.72764
47	+22,412.650	+37,617.182	+1.67839
48	+20,934.601	+37,596.337	+1.79589

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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	+0.01766	+29,731.23	+12,360.864	-2,525.800	+723.771	+0.000
02	+0.01718	+25,484.34	+12,024.895	-2,525.800	+704.098	+0.000
03	+0.01707	+27,811.70	+11,947.902	-2,275.550	+699.590	+0.000
04	+0.01709	+25,391.58	+11,961.901	-2,275.550	+700.410	+0.000
05	+0.01704	+25,570.77	+11,926.904	-1,767.550	+698.361	+0.000
06	+0.01679	+23,480.55	+11,751.920	-1,767.550	+688.115	+0.000
07	+0.01694	+22,066.56	+11,856.911	-1,253.300	+694.262	+0.000
08	+0.01694	+21,322.50	+11,856.911	-1,253.300	+694.262	+0.000
09	+0.01694	+18,794.48	+11,856.911	-2,099.300	+694.262	+0.000
10	+0.01679	+22,285.75	+11,751.920	-2,099.300	+688.115	+0.000
11	+0.01654	+10,853.07	+11,576.936	+11,868.980	+677.869	+0.000
12	+0.01717	+11,121.24	+12,017.896	+11,868.980	+703.689	+0.000
13	+0.01927	+22,540.70	+13,487.761	+13,296.920	+789.754	+0.000
14	+0.02096	+19,873.60	+14,670.652	+18,117.210	+859.016	+0.000
15	+0.02230	+21,518.83	+15,608.566	+4,525.990	+913.935	+0.000
16	+0.02293	+23,871.85	+16,049.526	+4,525.990	+939.754	+0.000
17	+0.02292	+19,401.58	+16,042.526	+4,525.990	+939.344	+0.000
18	+0.02289	+22,234.07	+16,021.528	+4,525.990	+938.115	+0.000
19	+0.02270	+18,195.11	+15,888.540	+4,525.990	+930.328	+0.000
20	+0.02233	+13,758.49	+15,629.564	+4,525.990	+915.164	+0.000
21	+0.02171	+12,110.68	+15,195.604	+4,525.990	+889.754	+0.000
22	+0.02123	+755.22	+14,859.635	+4,525.990	+870.082	+0.000
23	+0.02119	-2,068.33	+14,831.637	+4,525.990	+868.443	+0.000
24	+0.02118	+6,196.68	+14,824.638	+4,525.990	+868.033	+0.000
25	+0.02094	-2,096.22	+14,656.654	+4,525.990	+858.197	+0.000
26	+0.02073	-5,755.54	+14,509.667	+4,525.990	+849.590	+0.000
27	+0.02069	-5,358.57	+14,481.670	+4,525.990	+847.951	+0.000
28	+0.02065	-2,919.77	+14,453.672	+4,525.990	+846.312	+0.000
29	+0.02055	-3,809.71	+14,383.679	-294.300	+842.213	+0.000
30	+0.02067	-7,730.24	+14,467.671	-294.300	+847.131	+0.000
31	+0.02097	-7,481.02	+14,677.652	-294.300	+859.426	+0.000
32	+0.02155	-1,620.24	+15,083.614	-294.300	+883.197	+0.000
33	+0.02202	-5,150.17	+15,412.584	+4,820.290	+902.459	+0.000
34	+0.02275	-2,411.26	+15,923.537	+4,820.290	+932.377	+0.000
35	+0.02340	-8,298.39	+16,378.495	+4,820.290	+959.016	+0.000
36	+0.02391	-6,001.94	+16,735.463	+4,820.290	+979.918	+0.000
37	+0.02399	-10,870.98	+16,791.457	+0.000	+983.197	+0.000
38	+0.02433	-5,812.31	+17,029.436	+0.000	+997.131	+0.000
39	+0.02452	-6,578.67	+17,162.423	+0.000	+1,004.918	+0.000
40	+0.02461	+4,247.59	+17,225.418	+4,820.290	+1,008.607	+0.000
41	+0.02435	+4,710.26	+17,043.434	+4,820.290	+997.951	+0.000
42	+0.02425	+4,793.16	+16,973.441	+4,820.290	+993.853	+0.000

43	+0.02397	+5,011.85	+16,777.459	+4,820.290	+982.377	+.000
44	+0.02351	-372.28	+16,455.488	+4,820.290	+963.525	+.000
45	+0.02281	+5,211.14	+15,965.533	+.000	+934.836	+.000
46	+0.02138	+6,287.08	+14,964.625	+.000	+876.230	+.000
47	+0.01949	+6,082.18	+13,641.747	-1,450.000	+798.771	+.000
48	+0.01820	+8,244.54	+12,738.830	-1,450.000	+745.902	+.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	+2,177.260	+0.000	+14,553.095	+0.000	+0.000
02	+0.000	+2,118.082	+0.000	+14,157.540	+0.000	+0.000
03	+0.000	+2,104.521	+0.000	+14,066.893	+0.000	+0.000
04	+0.000	+2,106.986	+0.000	+14,083.374	+0.000	+0.000
05	+0.000	+2,100.822	+0.000	+14,042.171	+0.000	+0.000
06	+0.000	+2,070.000	+0.000	+13,836.153	+0.000	+0.000
07	+0.000	+2,088.493	+0.000	+13,959.763	+0.000	+0.000
08	+0.000	+2,088.493	+0.000	+13,959.763	+0.000	+0.000
09	+0.000	+2,088.493	+0.000	+13,959.763	+0.000	+0.000
10	+0.000	+2,070.000	+0.000	+13,836.153	+0.000	+0.000
11	+0.000	+2,039.178	+0.000	+13,630.135	+0.000	+0.000
12	+0.000	+2,116.849	+0.000	+14,149.300	+0.000	+0.000
13	+0.000	+2,375.753	+0.000	+15,879.849	+0.000	+0.000
14	+0.000	+2,584.110	+0.000	+17,272.529	+0.000	+0.000
15	+0.000	+2,749.315	+0.000	+18,376.784	+0.000	+0.000
16	+0.000	+2,826.986	+0.000	+18,895.949	+0.000	+0.000
17	+0.000	+2,825.753	+0.000	+18,887.708	+0.000	+0.000
18	+0.000	+2,822.055	+0.000	+18,862.986	+0.000	+0.000
19	+0.000	+2,798.630	+0.000	+18,706.413	+0.000	+0.000
20	+0.000	+2,753.014	+0.000	+18,401.506	+0.000	+0.000
21	+0.000	+2,676.575	+0.000	+17,890.582	+0.000	+0.000
22	+0.000	+2,617.397	+0.000	+17,495.028	+0.000	+0.000
23	+0.000	+2,612.466	+0.000	+17,462.065	+0.000	+0.000
24	+0.000	+2,611.233	+0.000	+17,453.825	+0.000	+0.000
25	+0.000	+2,581.644	+0.000	+17,256.048	+0.000	+0.000
26	+0.000	+2,555.753	+0.000	+17,082.993	+0.000	+0.000
27	+0.000	+2,550.822	+0.000	+17,050.030	+0.000	+0.000
28	+0.000	+2,545.890	+0.000	+17,017.067	+0.000	+0.000
29	+0.000	+2,533.562	+0.000	+16,934.660	+0.000	+0.000
30	+0.000	+2,548.356	+0.000	+17,033.548	+0.000	+0.000
31	+0.000	+2,585.342	+0.000	+17,280.770	+0.000	+0.000
32	+0.000	+2,656.849	+0.000	+17,758.731	+0.000	+0.000
33	+0.000	+2,714.795	+0.000	+18,146.044	+0.000	+0.000
34	+0.000	+2,804.795	+0.000	+18,747.616	+0.000	+0.000
35	+0.000	+2,884.932	+0.000	+19,283.262	+0.000	+0.000
36	+0.000	+2,947.808	+0.000	+19,703.539	+0.000	+0.000
37	+0.000	+2,957.671	+0.000	+19,769.464	+0.000	+0.000
38	+0.000	+2,999.589	+0.000	+20,049.648	+0.000	+0.000
39	+0.000	+3,023.014	+0.000	+20,206.222	+0.000	+0.000
40	+0.000	+3,034.110	+0.000	+20,280.388	+0.000	+0.000
41	+0.000	+3,002.055	+0.000	+20,066.130	+0.000	+0.000
42	+0.000	+2,989.726	+0.000	+19,983.723	+0.000	+0.000

43	+.000	+2,955.205	+.000	+19,752.983	+.000	+.000
44	+.000	+2,898.493	+.000	+19,373.910	+.000	+.000
45	+.000	+2,812.192	+.000	+18,797.060	+.000	+.000
46	+.000	+2,635.890	+.000	+17,618.639	+.000	+.000
47	+.000	+2,402.877	+.000	+16,061.145	+.000	+.000
48	+.000	+2,243.836	+.000	+14,998.093	+.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	+72.908	+0.000	+0.000	+0.000	+0.000	+57,093.328
02	+70.926	+0.000	+0.000	+0.000	+0.000	+52,034.083
03	+70.472	+0.000	+0.000	+0.000	+0.000	+54,425.528
04	+70.555	+0.000	+0.000	+0.000	+0.000	+52,039.256
05	+70.348	+0.000	+0.000	+0.000	+0.000	+52,641.826
06	+69.316	+0.000	+0.000	+0.000	+0.000	+50,128.504
07	+69.935	+0.000	+0.000	+0.000	+0.000	+49,482.625
08	+69.935	+0.000	+0.000	+0.000	+0.000	+48,738.565
09	+69.935	+0.000	+0.000	+0.000	+0.000	+45,364.545
10	+69.316	+0.000	+0.000	+0.000	+0.000	+48,601.954
11	+68.284	+0.000	+0.000	+0.000	+0.000	+50,714.453
12	+70.885	+0.000	+0.000	+0.000	+0.000	+52,048.839
13	+79.555	+0.000	+0.000	+0.000	+0.000	+68,450.292
14	+86.532	+0.000	+0.000	+0.000	+0.000	+73,463.649
15	+92.064	+0.000	+0.000	+0.000	+0.000	+63,785.484
16	+94.665	+0.000	+0.000	+0.000	+0.000	+67,204.720
17	+94.623	+0.000	+0.000	+0.000	+0.000	+62,717.526
18	+94.500	+0.000	+0.000	+0.000	+0.000	+65,499.243
19	+93.715	+0.000	+0.000	+0.000	+0.000	+61,138.726
20	+92.188	+0.000	+0.000	+0.000	+0.000	+56,075.916
21	+89.628	+0.000	+0.000	+0.000	+0.000	+53,378.814
22	+87.646	+0.000	+0.000	+0.000	+0.000	+41,210.999
23	+87.481	+0.000	+0.000	+0.000	+0.000	+38,319.752
24	+87.440	+0.000	+0.000	+0.000	+0.000	+46,567.838
25	+86.449	+0.000	+0.000	+0.000	+0.000	+37,868.761
26	+85.582	+0.000	+0.000	+0.000	+0.000	+33,854.036
27	+85.417	+0.000	+0.000	+0.000	+0.000	+34,183.309
28	+85.252	+0.000	+0.000	+0.000	+0.000	+36,554.413
29	+84.839	+0.000	+0.000	+0.000	+0.000	+30,674.942
30	+85.334	+0.000	+0.000	+0.000	+0.000	+26,957.501
31	+86.573	+0.000	+0.000	+0.000	+0.000	+27,714.443
32	+88.967	+0.000	+0.000	+0.000	+0.000	+34,556.819
33	+90.908	+0.000	+0.000	+0.000	+0.000	+36,936.910
34	+93.922	+0.000	+0.000	+0.000	+0.000	+40,911.277
35	+96.605	+0.000	+0.000	+0.000	+0.000	+36,124.211
36	+98.711	+0.000	+0.000	+0.000	+0.000	+39,283.788
37	+99.041	+0.000	+0.000	+0.000	+0.000	+29,729.851
38	+100.444	+0.000	+0.000	+0.000	+0.000	+35,363.939
39	+101.229	+0.000	+0.000	+0.000	+0.000	+34,919.136
40	+101.600	+0.000	+0.000	+0.000	+0.000	+50,718.002
41	+100.527	+0.000	+0.000	+0.000	+0.000	+50,740.647
42	+100.114	+0.000	+0.000	+0.000	+0.000	+50,654.306



43	+98.958	+.000	+.000	+.000	+.000	+50,399.122
44	+97.059	+.000	+.000	+.000	+.000	+44,236.485
45	+94.169	+.000	+.000	+.000	+.000	+43,814.931
46	+88.266	+.000	+.000	+.000	+.000	+42,470.730
47	+80.463	+.000	+.000	+.000	+.000	+37,617.182
48	+75.137	+.000	+.000	+.000	+.000	+37,596.337