

Date: 26/07/2019

Settlement Day:19/04/2019

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: 19

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,110,208.890	+30,105,586.560
Balancing Services Contract Cost	+1,573,276.048	+16,582,479.526
Balancing Services Cost Variable	-371,547.020	+1,584,126.845
ESO Incentive Recovery Costs	+40,983.610	+778,688.590
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+112,926.126	+2,086,557.039
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+15,657,349.760
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+78,439.980
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	+15,657,349.760
Total External Costs	+2,469,976.074	+51,215,878.540
Total Adjusted Energy Volume (MWh)	+1,098,930.183	

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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	+21,855.496	+63,623.903	+2.91112
02	+21,473.150	+58,628.578	+2.73032
03	+21,310.427	+52,906.960	+2.48268
04	+21,515.229	+56,285.673	+2.61609
05	+21,225.280	+52,271.939	+2.46272
06	+20,821.737	+50,552.010	+2.42785
07	+20,499.997	+46,950.255	+2.29026
08	+20,204.843	+48,045.465	+2.37792
09	+20,022.632	+49,123.939	+2.45342
10	+19,951.773	+53,392.876	+2.67610
11	+20,415.327	+64,301.448	+3.14967
12	+20,525.819	+66,683.396	+3.24876
13	+20,959.295	+78,416.347	+3.74136
14	+21,909.015	+76,510.972	+3.49221
15	+23,165.437	+65,656.731	+2.83425
16	+23,813.849	+76,473.988	+3.21132
17	+24,270.058	+91,785.730	+3.78185
18	+24,424.408	+94,628.924	+3.87436
19	+24,231.912	+105,288.105	+4.34502
20	+23,757.092	+92,897.559	+3.91031
21	+23,661.096	+83,017.934	+3.50863
22	+23,367.026	+70,335.130	+3.01002
23	+22,858.119	+71,410.328	+3.12407
24	+22,312.119	+56,863.415	+2.54854
25	+22,194.732	+63,845.412	+2.87660
26	+21,749.846	+57,965.874	+2.66512
27	+20,688.760	+53,342.974	+2.57836
28	+20,138.953	+41,351.722	+2.05332
29	+20,073.388	+43,142.638	+2.14925
30	+19,877.044	+38,767.109	+1.95035
31	+20,125.398	+46,354.034	+2.30326
32	+20,644.297	+55,497.849	+2.68829
33	+21,243.201	+49,562.577	+2.33310
34	+22,706.699	+59,062.139	+2.60109
35	+24,390.660	+66,576.489	+2.72959
36	+25,511.606	+66,747.402	+2.61635
37	+26,206.042	+76,675.238	+2.92586
38	+26,710.976	+83,319.645	+3.11930
39	+26,946.091	+86,743.596	+3.21915
40	+27,081.455	+89,991.772	+3.32300
41	+27,508.676	+98,901.453	+3.59528
42	+27,867.306	+111,919.160	+4.01615

43	+27,328.107	+101,714.201	+3.72196
44	+26,379.762	+77,616.866	+2.94229
45	+25,685.825	+71,263.573	+2.77443
46	+24,387.505	+56,914.959	+2.33378
47	+23,108.469	+82,658.332	+3.57697
48	+21,824.249	+88,086.051	+4.03615

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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	+0.01989	+22,990.89	+31,292.461	-10,193.600	+815.164	+0.000
02	+0.01954	+18,889.95	+30,741.814	-10,193.600	+800.820	+0.000
03	+0.01939	+13,551.64	+30,505.823	-10,193.600	+794.672	+0.000
04	+0.01958	+16,444.83	+30,804.745	-10,193.600	+802.459	+0.000
05	+0.01931	+13,121.05	+30,379.960	-10,193.600	+791.394	+0.000
06	+0.01895	+12,321.06	+29,813.581	-10,193.600	+776.639	+0.000
07	+0.01865	+9,485.92	+29,341.598	-10,193.600	+764.344	+0.000
08	+0.01839	+11,245.53	+28,932.547	-10,193.600	+753.689	+0.000
09	+0.01822	+12,758.42	+28,665.090	-10,193.600	+746.721	+0.000
10	+0.01816	+17,180.68	+28,570.693	-10,193.600	+744.262	+0.000
11	+0.01858	+32,215.48	+29,231.469	-15,393.090	+761.475	+0.000
12	+0.01868	+34,341.89	+29,388.797	-15,393.090	+765.574	+0.000
13	+0.01907	+40,684.56	+30,002.374	-10,999.410	+781.557	+0.000
14	+0.01994	+36,556.00	+31,371.124	-10,999.410	+817.213	+0.000
15	+0.02108	+16,352.94	+33,164.659	-4,563.730	+863.934	+0.000
16	+0.02167	+25,662.52	+34,092.892	-4,563.730	+888.115	+0.000
17	+0.02209	+40,879.00	+34,753.668	-5,541.730	+905.328	+0.000
18	+0.02223	+43,364.44	+34,973.927	-5,541.730	+911.066	+0.000
19	+0.02205	+54,483.59	+34,690.737	-5,541.730	+903.689	+0.000
20	+0.02162	+43,191.86	+34,014.228	-5,541.730	+886.066	+0.000
21	+0.02153	+33,542.22	+33,872.633	-5,541.730	+882.377	+0.000
22	+0.02126	+21,549.37	+33,447.849	-5,541.730	+871.312	+0.000
23	+0.02080	+24,818.49	+32,724.142	-6,560.175	+852.459	+0.000
24	+0.02030	+11,549.27	+31,937.504	-6,560.175	+831.967	+0.000
25	+0.02020	+25,431.65	+31,780.176	-13,205.020	+827.869	+0.000
26	+0.01979	+20,599.82	+31,135.133	-13,205.020	+811.066	+0.000
27	+0.01883	+15,475.44	+29,624.788	-10,250.370	+771.721	+0.000
28	+0.01833	+4,761.88	+28,838.150	-10,250.370	+751.230	+0.000
29	+0.01827	+6,778.05	+28,743.753	-10,322.300	+748.771	+0.000
30	+0.01809	+2,862.49	+28,460.564	-10,322.300	+741.394	+0.000
31	+0.01831	+9,627.43	+28,806.684	-10,062.500	+750.410	+0.000
32	+0.01879	+17,544.66	+29,561.857	-10,062.500	+770.082	+0.000
33	+0.01933	+6,087.98	+30,411.426	-5,921.000	+792.213	+0.000
34	+0.02066	+12,188.88	+32,503.883	-5,921.000	+846.721	+0.000
35	+0.02219	+15,793.49	+34,910.996	-5,921.000	+909.426	+0.000
36	+0.02321	+13,357.91	+36,515.737	-5,921.000	+951.230	+0.000
37	+0.02385	+21,650.30	+37,522.634	-5,921.000	+977.459	+0.000
38	+0.02431	+27,119.23	+38,246.341	-5,921.000	+996.312	+0.000
39	+0.02452	+25,206.84	+38,576.729	-1,121.290	+1,004.918	+0.000
40	+0.02464	+28,148.37	+38,765.522	-1,121.290	+1,009.836	+0.000
41	+0.02503	+36,061.45	+39,379.099	-1,121.290	+1,025.820	+0.000
42	+0.02536	+48,235.88	+39,898.281	-1,121.290	+1,039.344	+0.000

43	+0.02487	+38,200.06	+39,127.375	-38.290	+1,019.262	+.000
44	+0.02400	+21,125.62	+37,758.625	-4,838.000	+983.607	+.000
45	+0.02337	+16,382.22	+36,767.461	-4,838.000	+957.787	+.000
46	+0.02219	+5,048.96	+34,910.996	-4,838.000	+909.426	+.000
47	+0.02103	+38,460.58	+33,085.995	-9,542.000	+861.885	+.000
48	+0.01986	+46,878.10	+31,245.262	-9,542.000	+813.934	+.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	+2,246.101	+0.000	+16,390.773	+0.000	+0.000
02	+0.000	+2,206.577	+0.000	+16,102.348	+0.000	+0.000
03	+0.000	+2,189.638	+0.000	+15,978.737	+0.000	+0.000
04	+0.000	+2,211.094	+0.000	+16,135.311	+0.000	+0.000
05	+0.000	+2,180.603	+0.000	+15,912.812	+0.000	+0.000
06	+0.000	+2,139.950	+0.000	+15,616.146	+0.000	+0.000
07	+0.000	+2,106.072	+0.000	+15,368.925	+0.000	+0.000
08	+0.000	+2,076.711	+0.000	+15,154.666	+0.000	+0.000
09	+0.000	+2,057.514	+0.000	+15,014.574	+0.000	+0.000
10	+0.000	+2,050.738	+0.000	+14,965.130	+0.000	+0.000
11	+0.000	+2,098.167	+0.000	+15,311.240	+0.000	+0.000
12	+0.000	+2,109.460	+0.000	+15,393.647	+0.000	+0.000
13	+0.000	+2,153.501	+0.000	+15,715.035	+0.000	+0.000
14	+0.000	+2,251.747	+0.000	+16,431.977	+0.000	+0.000
15	+0.000	+2,380.483	+0.000	+17,371.418	+0.000	+0.000
16	+0.000	+2,447.109	+0.000	+17,857.619	+0.000	+0.000
17	+0.000	+2,494.538	+0.000	+18,203.729	+0.000	+0.000
18	+0.000	+2,510.348	+0.000	+18,319.099	+0.000	+0.000
19	+0.000	+2,490.021	+0.000	+18,170.766	+0.000	+0.000
20	+0.000	+2,441.463	+0.000	+17,816.416	+0.000	+0.000
21	+0.000	+2,431.299	+0.000	+17,742.249	+0.000	+0.000
22	+0.000	+2,400.809	+0.000	+17,519.750	+0.000	+0.000
23	+0.000	+2,348.863	+0.000	+17,140.678	+0.000	+0.000
24	+0.000	+2,292.400	+0.000	+16,728.642	+0.000	+0.000
25	+0.000	+2,281.108	+0.000	+16,646.235	+0.000	+0.000
26	+0.000	+2,234.808	+0.000	+16,308.366	+0.000	+0.000
27	+0.000	+2,126.399	+0.000	+15,517.258	+0.000	+0.000
28	+0.000	+2,069.936	+0.000	+15,105.222	+0.000	+0.000
29	+0.000	+2,063.160	+0.000	+15,055.778	+0.000	+0.000
30	+0.000	+2,042.834	+0.000	+14,907.445	+0.000	+0.000
31	+0.000	+2,067.677	+0.000	+15,088.741	+0.000	+0.000
32	+0.000	+2,121.882	+0.000	+15,484.295	+0.000	+0.000
33	+0.000	+2,182.862	+0.000	+15,929.293	+0.000	+0.000
34	+0.000	+2,333.054	+0.000	+17,025.308	+0.000	+0.000
35	+0.000	+2,505.831	+0.000	+18,286.136	+0.000	+0.000
36	+0.000	+2,621.015	+0.000	+19,126.689	+0.000	+0.000
37	+0.000	+2,693.288	+0.000	+19,654.094	+0.000	+0.000
38	+0.000	+2,745.234	+0.000	+20,033.167	+0.000	+0.000
39	+0.000	+2,768.949	+0.000	+20,206.222	+0.000	+0.000
40	+0.000	+2,782.500	+0.000	+20,305.110	+0.000	+0.000
41	+0.000	+2,826.541	+0.000	+20,626.498	+0.000	+0.000
42	+0.000	+2,863.807	+0.000	+20,898.442	+0.000	+0.000

43	+.000	+2,808.473	+.000	+20,494.647	+.000	+.000
44	+.000	+2,710.227	+.000	+19,777.705	+.000	+.000
45	+.000	+2,639.084	+.000	+19,258.540	+.000	+.000
46	+.000	+2,505.831	+.000	+18,286.136	+.000	+.000
47	+.000	+2,374.836	+.000	+17,330.214	+.000	+.000
48	+.000	+2,242.713	+.000	+16,366.051	+.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	+82.114	+0.000	+0.000	+0.000	+0.000	+63,623.903
02	+80.669	+0.000	+0.000	+0.000	+0.000	+58,628.578
03	+80.050	+0.000	+0.000	+0.000	+0.000	+52,906.960
04	+80.834	+0.000	+0.000	+0.000	+0.000	+56,285.673
05	+79.720	+0.000	+0.000	+0.000	+0.000	+52,271.939
06	+78.234	+0.000	+0.000	+0.000	+0.000	+50,552.010
07	+76.995	+0.000	+0.000	+0.000	+0.000	+46,950.255
08	+75.922	+0.000	+0.000	+0.000	+0.000	+48,045.465
09	+75.220	+0.000	+0.000	+0.000	+0.000	+49,123.939
10	+74.972	+0.000	+0.000	+0.000	+0.000	+53,392.876
11	+76.706	+0.000	+0.000	+0.000	+0.000	+64,301.448
12	+77.119	+0.000	+0.000	+0.000	+0.000	+66,683.396
13	+78.729	+0.000	+0.000	+0.000	+0.000	+78,416.347
14	+82.321	+0.000	+0.000	+0.000	+0.000	+76,510.972
15	+87.027	+0.000	+0.000	+0.000	+0.000	+65,656.731
16	+89.463	+0.000	+0.000	+0.000	+0.000	+76,473.988
17	+91.197	+0.000	+0.000	+0.000	+0.000	+91,785.730
18	+91.775	+0.000	+0.000	+0.000	+0.000	+94,628.924
19	+91.032	+0.000	+0.000	+0.000	+0.000	+105,288.105
20	+89.256	+0.000	+0.000	+0.000	+0.000	+92,897.559
21	+88.885	+0.000	+0.000	+0.000	+0.000	+83,017.934
22	+87.770	+0.000	+0.000	+0.000	+0.000	+70,335.130
23	+85.871	+0.000	+0.000	+0.000	+0.000	+71,410.328
24	+83.807	+0.000	+0.000	+0.000	+0.000	+56,863.415
25	+83.394	+0.000	+0.000	+0.000	+0.000	+63,845.412
26	+81.701	+0.000	+0.000	+0.000	+0.000	+57,965.874
27	+77.738	+0.000	+0.000	+0.000	+0.000	+53,342.974
28	+75.674	+0.000	+0.000	+0.000	+0.000	+41,351.722
29	+75.426	+0.000	+0.000	+0.000	+0.000	+43,142.638
30	+74.683	+0.000	+0.000	+0.000	+0.000	+38,767.109
31	+75.591	+0.000	+0.000	+0.000	+0.000	+46,354.034
32	+77.573	+0.000	+0.000	+0.000	+0.000	+55,497.849
33	+79.802	+0.000	+0.000	+0.000	+0.000	+49,562.577
34	+85.293	+0.000	+0.000	+0.000	+0.000	+59,062.139
35	+91.610	+0.000	+0.000	+0.000	+0.000	+66,576.489
36	+95.821	+0.000	+0.000	+0.000	+0.000	+66,747.402
37	+98.463	+0.000	+0.000	+0.000	+0.000	+76,675.238
38	+100.362	+0.000	+0.000	+0.000	+0.000	+83,319.645
39	+101.229	+0.000	+0.000	+0.000	+0.000	+86,743.596
40	+101.724	+0.000	+0.000	+0.000	+0.000	+89,991.772
41	+103.334	+0.000	+0.000	+0.000	+0.000	+98,901.453
42	+104.697	+0.000	+0.000	+0.000	+0.000	+111,919.160



43	+102.674	+.000	+.000	+.000	+.000	+101,714.201
44	+99.082	+.000	+.000	+.000	+.000	+77,616.866
45	+96.481	+.000	+.000	+.000	+.000	+71,263.573
46	+91.610	+.000	+.000	+.000	+.000	+56,914.959
47	+86.821	+.000	+.000	+.000	+.000	+82,658.332
48	+81.990	+.000	+.000	+.000	+.000	+88,086.051