

Date: 24/09/2019

Settlement Day:01/09/2019

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: 154

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+4,318,390.560	+217,362,802.270
Balancing Services Contract Cost	+1,307,502.135	+134,245,858.063
Balancing Services Cost Variable	+182,011.360	+52,108,049.715
ESO Incentive Recovery Costs	+40,983.610	+6,311,475.940
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+131,909.847	+17,642,496.287
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+126,906,940.160
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+635,776.680
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	+126,906,940.160
Total External Costs	+5,984,925.932	+428,306,458.955
Total Adjusted Energy Volume (MWh)	+953,239.467	

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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	+18,024.011	+216,560.142	+12.01509
02	+17,696.974	+219,815.630	+12.42109
03	+17,595.315	+202,336.385	+11.49945
04	+17,340.204	+200,111.474	+11.54032
05	+17,290.331	+205,188.834	+11.86726
06	+16,909.564	+193,476.556	+11.44184
07	+17,017.924	+226,081.162	+13.28488
08	+16,903.234	+218,464.610	+12.92443
09	+16,919.169	+205,874.512	+12.16812
10	+16,881.175	+208,506.628	+12.35143
11	+16,851.251	+176,983.301	+10.50268
12	+17,235.871	+181,546.989	+10.53309
13	+17,347.721	+180,463.090	+10.40270
14	+17,672.569	+175,302.762	+9.91948
15	+17,828.975	+151,904.337	+8.52008
16	+18,419.629	+144,912.176	+7.86727
17	+18,739.624	+102,419.529	+5.46540
18	+19,008.590	+105,786.765	+5.56521
19	+18,834.127	+111,304.178	+5.90971
20	+18,822.642	+102,224.942	+5.43096
21	+18,669.037	+118,590.431	+6.35225
22	+18,634.165	+133,228.003	+7.14966
23	+19,010.336	+143,295.105	+7.53775
24	+19,277.109	+130,312.752	+6.75997
25	+19,670.407	+132,411.282	+6.73150
26	+19,633.179	+126,493.618	+6.44285
27	+20,128.752	+142,469.027	+7.07789
28	+19,970.320	+128,075.056	+6.41327
29	+19,731.204	+123,952.868	+6.28207
30	+19,531.002	+121,354.983	+6.21345
31	+19,562.790	+133,019.270	+6.79961
32	+19,866.972	+133,224.961	+6.70585
33	+20,249.776	+121,748.029	+6.01231
34	+21,210.968	+134,038.360	+6.31929
35	+21,671.509	+117,732.966	+5.43262
36	+22,731.432	+124,095.992	+5.45922
37	+23,564.533	+108,315.750	+4.59656
38	+24,473.459	+113,753.455	+4.64803
39	+24,708.775	+99,252.834	+4.01691
40	+24,884.473	+103,298.097	+4.15111
41	+25,333.721	+116,934.636	+4.61577
42	+25,179.992	+119,381.611	+4.74113

43	+24,739.216	+113,523.732	+4.58882
44	+23,975.059	+89,755.436	+3.74370
45	+23,090.240	+89,059.062	+3.85700
46	+21,612.572	+79,344.450	+3.67122
47	+20,059.079	+93,246.550	+4.64860
48	+18,730.490	+89,824.653	+4.79564

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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	+0.01891	+150,704.52	+24,724.865	+22,200.090	+775.000	+0.000
02	+0.01857	+154,744.93	+24,280.315	+22,200.090	+761.066	+0.000
03	+0.01846	+136,627.68	+24,136.489	+23,092.040	+756.557	+0.000
04	+0.01819	+135,026.09	+23,783.464	+23,092.040	+745.492	+0.000
05	+0.01814	+137,374.47	+23,718.089	+25,936.450	+743.443	+0.000
06	+0.01774	+126,585.63	+23,195.088	+25,936.450	+727.049	+0.000
07	+0.01785	+128,768.38	+23,338.913	+56,104.360	+731.557	+0.000
08	+0.01773	+121,428.86	+23,182.013	+56,104.360	+726.639	+0.000
09	+0.01775	+113,365.42	+23,208.163	+51,531.530	+727.459	+0.000
10	+0.01771	+116,089.88	+23,155.863	+51,531.530	+725.820	+0.000
11	+0.01768	+117,867.12	+23,116.638	+18,300.220	+724.590	+0.000
12	+0.01808	+121,507.37	+23,639.639	+18,300.220	+740.984	+0.000
13	+0.01820	+119,678.81	+23,796.539	+18,767.850	+745.902	+0.000
14	+0.01854	+113,733.56	+24,241.090	+18,767.850	+759.836	+0.000
15	+0.01870	+100,281.40	+24,450.290	+8,452.210	+766.394	+0.000
16	+0.01932	+91,857.91	+25,260.941	+8,452.210	+791.803	+0.000
17	+0.01966	+79,954.11	+25,705.492	-22,921.560	+805.738	+0.000
18	+0.01994	+82,674.94	+26,071.593	-22,921.560	+817.213	+0.000
19	+0.01976	+75,872.35	+25,836.242	-10,186.010	+809.836	+0.000
20	+0.01975	+66,816.20	+25,823.167	-10,186.010	+809.426	+0.000
21	+0.01958	+81,961.90	+25,600.892	-8,573.760	+802.459	+0.000
22	+0.01955	+90,674.37	+25,561.667	-2,579.400	+801.230	+0.000
23	+0.01994	+103,782.62	+26,071.593	-6,520.900	+817.213	+0.000
24	+0.02022	+90,153.86	+26,437.693	-6,520.900	+828.689	+0.000
25	+0.02064	+98,295.53	+26,986.844	-13,533.650	+845.902	+0.000
26	+0.02060	+97,546.57	+26,934.544	-18,610.010	+844.262	+0.000
27	+0.02112	+123,849.26	+27,614.445	-30,137.760	+865.574	+0.000
28	+0.02095	+109,847.75	+27,392.170	-30,137.760	+858.607	+0.000
29	+0.02070	+104,903.59	+27,065.294	-28,738.640	+848.361	+0.000
30	+0.02049	+102,790.51	+26,790.719	-28,738.640	+839.754	+0.000
31	+0.02052	+104,084.66	+26,829.944	-18,437.760	+840.984	+0.000
32	+0.02084	+103,551.60	+27,248.344	-18,437.760	+854.098	+0.000
33	+0.02124	+88,456.58	+27,771.345	-15,743.110	+870.492	+0.000
34	+0.02225	+97,833.23	+29,091.923	-15,161.110	+911.885	+0.000
35	+0.02273	+68,014.66	+29,719.524	-2,756.060	+931.557	+0.000
36	+0.02385	+71,792.06	+31,183.926	-2,756.060	+977.459	+0.000
37	+0.02472	+53,730.04	+32,321.453	-2,482.760	+1,013.115	+0.000
38	+0.02567	+56,974.58	+33,563.580	-2,482.760	+1,052.049	+0.000
39	+0.02592	+43,594.31	+33,890.455	-4,180.260	+1,062.295	+0.000
40	+0.02611	+42,124.58	+34,138.881	+896.100	+1,070.082	+0.000
41	+0.02658	+56,182.96	+34,753.407	-610.780	+1,089.344	+0.000
42	+0.02642	+58,999.31	+34,544.206	-610.780	+1,082.787	+0.000

43	+0.02595	+57,793.60	+33,929.680	-4,177.910	+1,063.525	+.000
44	+0.02515	+40,948.54	+32,883.679	-9,254.270	+1,030.738	+.000
45	+0.02422	+41,483.94	+31,667.702	-8,339.050	+992.623	+.000
46	+0.02267	+35,347.65	+29,641.073	-8,339.050	+929.098	+.000
47	+0.02104	+4,050.31	+27,509.845	+40,623.400	+862.295	+.000
48	+0.01965	-1,337.64	+25,692.417	+45,798.400	+805.328	+.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	+2,494.415	+0.000	+15,583.183	+0.000	+0.000
02	+0.000	+2,449.566	+0.000	+15,302.999	+0.000	+0.000
03	+0.000	+2,435.056	+0.000	+15,212.351	+0.000	+0.000
04	+0.000	+2,399.440	+0.000	+14,989.852	+0.000	+0.000
05	+0.000	+2,392.845	+0.000	+14,948.649	+0.000	+0.000
06	+0.000	+2,340.081	+0.000	+14,619.020	+0.000	+0.000
07	+0.000	+2,354.591	+0.000	+14,709.668	+0.000	+0.000
08	+0.000	+2,338.762	+0.000	+14,610.780	+0.000	+0.000
09	+0.000	+2,341.400	+0.000	+14,627.261	+0.000	+0.000
10	+0.000	+2,336.123	+0.000	+14,594.298	+0.000	+0.000
11	+0.000	+2,332.166	+0.000	+14,569.576	+0.000	+0.000
12	+0.000	+2,384.930	+0.000	+14,899.204	+0.000	+0.000
13	+0.000	+2,400.759	+0.000	+14,998.093	+0.000	+0.000
14	+0.000	+2,445.609	+0.000	+15,278.277	+0.000	+0.000
15	+0.000	+2,466.714	+0.000	+15,410.128	+0.000	+0.000
16	+0.000	+2,548.498	+0.000	+15,921.052	+0.000	+0.000
17	+0.000	+2,593.348	+0.000	+16,201.237	+0.000	+0.000
18	+0.000	+2,630.282	+0.000	+16,431.977	+0.000	+0.000
19	+0.000	+2,606.539	+0.000	+16,283.644	+0.000	+0.000
20	+0.000	+2,605.219	+0.000	+16,275.403	+0.000	+0.000
21	+0.000	+2,582.795	+0.000	+16,135.311	+0.000	+0.000
22	+0.000	+2,578.838	+0.000	+16,110.589	+0.000	+0.000
23	+0.000	+2,630.282	+0.000	+16,431.977	+0.000	+0.000
24	+0.000	+2,667.217	+0.000	+16,662.716	+0.000	+0.000
25	+0.000	+2,722.619	+0.000	+17,008.826	+0.000	+0.000
26	+0.000	+2,717.343	+0.000	+16,975.863	+0.000	+0.000
27	+0.000	+2,785.936	+0.000	+17,404.380	+0.000	+0.000
28	+0.000	+2,763.511	+0.000	+17,264.288	+0.000	+0.000
29	+0.000	+2,730.534	+0.000	+17,058.271	+0.000	+0.000
30	+0.000	+2,702.833	+0.000	+16,885.216	+0.000	+0.000
31	+0.000	+2,706.790	+0.000	+16,909.938	+0.000	+0.000
32	+0.000	+2,749.001	+0.000	+17,173.640	+0.000	+0.000
33	+0.000	+2,801.765	+0.000	+17,503.269	+0.000	+0.000
34	+0.000	+2,934.994	+0.000	+18,335.581	+0.000	+0.000
35	+0.000	+2,998.311	+0.000	+18,731.135	+0.000	+0.000
36	+0.000	+3,146.050	+0.000	+19,654.094	+0.000	+0.000
37	+0.000	+3,260.811	+0.000	+20,371.036	+0.000	+0.000
38	+0.000	+3,386.126	+0.000	+21,153.904	+0.000	+0.000
39	+0.000	+3,419.103	+0.000	+21,359.921	+0.000	+0.000
40	+0.000	+3,444.166	+0.000	+21,516.495	+0.000	+0.000
41	+0.000	+3,506.164	+0.000	+21,903.808	+0.000	+0.000
42	+0.000	+3,485.058	+0.000	+21,771.957	+0.000	+0.000

43	+.000	+3,423.061	+.000	+21,384.643	+.000	+.000
44	+.000	+3,317.533	+.000	+20,725.387	+.000	+.000
45	+.000	+3,194.856	+.000	+19,959.001	+.000	+.000
46	+.000	+2,990.396	+.000	+18,681.690	+.000	+.000
47	+.000	+2,775.383	+.000	+17,338.455	+.000	+.000
48	+.000	+2,592.028	+.000	+16,192.996	+.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	+78.068	+ .000	+ .000	+ .000	+ .000	+216,560.142
02	+76.665	+ .000	+ .000	+ .000	+ .000	+219,815.630
03	+76.211	+ .000	+ .000	+ .000	+ .000	+202,336.385
04	+75.096	+ .000	+ .000	+ .000	+ .000	+200,111.474
05	+74.890	+ .000	+ .000	+ .000	+ .000	+205,188.834
06	+73.238	+ .000	+ .000	+ .000	+ .000	+193,476.556
07	+73.692	+ .000	+ .000	+ .000	+ .000	+226,081.162
08	+73.197	+ .000	+ .000	+ .000	+ .000	+218,464.610
09	+73.279	+ .000	+ .000	+ .000	+ .000	+205,874.512
10	+73.114	+ .000	+ .000	+ .000	+ .000	+208,506.628
11	+72.990	+ .000	+ .000	+ .000	+ .000	+176,983.301
12	+74.642	+ .000	+ .000	+ .000	+ .000	+181,546.989
13	+75.137	+ .000	+ .000	+ .000	+ .000	+180,463.090
14	+76.541	+ .000	+ .000	+ .000	+ .000	+175,302.762
15	+77.201	+ .000	+ .000	+ .000	+ .000	+151,904.337
16	+79.761	+ .000	+ .000	+ .000	+ .000	+144,912.176
17	+81.165	+ .000	+ .000	+ .000	+ .000	+102,419.529
18	+82.321	+ .000	+ .000	+ .000	+ .000	+105,786.765
19	+81.578	+ .000	+ .000	+ .000	+ .000	+111,304.178
20	+81.536	+ .000	+ .000	+ .000	+ .000	+102,224.942
21	+80.834	+ .000	+ .000	+ .000	+ .000	+118,590.431
22	+80.711	+ .000	+ .000	+ .000	+ .000	+133,228.003
23	+82.321	+ .000	+ .000	+ .000	+ .000	+143,295.105
24	+83.477	+ .000	+ .000	+ .000	+ .000	+130,312.752
25	+85.211	+ .000	+ .000	+ .000	+ .000	+132,411.282
26	+85.045	+ .000	+ .000	+ .000	+ .000	+126,493.618
27	+87.192	+ .000	+ .000	+ .000	+ .000	+142,469.027
28	+86.490	+ .000	+ .000	+ .000	+ .000	+128,075.056
29	+85.458	+ .000	+ .000	+ .000	+ .000	+123,952.868
30	+84.591	+ .000	+ .000	+ .000	+ .000	+121,354.983
31	+84.715	+ .000	+ .000	+ .000	+ .000	+133,019.270
32	+86.036	+ .000	+ .000	+ .000	+ .000	+133,224.961
33	+87.688	+ .000	+ .000	+ .000	+ .000	+121,748.029
34	+91.857	+ .000	+ .000	+ .000	+ .000	+134,038.360
35	+93.839	+ .000	+ .000	+ .000	+ .000	+117,732.966
36	+98.463	+ .000	+ .000	+ .000	+ .000	+124,095.992
37	+102.055	+ .000	+ .000	+ .000	+ .000	+108,315.750
38	+105.977	+ .000	+ .000	+ .000	+ .000	+113,753.455
39	+107.009	+ .000	+ .000	+ .000	+ .000	+99,252.834
40	+107.793	+ .000	+ .000	+ .000	+ .000	+103,298.097
41	+109.733	+ .000	+ .000	+ .000	+ .000	+116,934.636
42	+109.073	+ .000	+ .000	+ .000	+ .000	+119,381.611



43	+107.132	+.000	+.000	+.000	+.000	+113,523.732
44	+103.830	+.000	+.000	+.000	+.000	+89,755.436
45	+99.990	+.000	+.000	+.000	+.000	+89,059.062
46	+93.591	+.000	+.000	+.000	+.000	+79,344.450
47	+86.862	+.000	+.000	+.000	+.000	+93,246.550
48	+81.123	+.000	+.000	+.000	+.000	+89,824.653