

Date: 16/10/2019

Settlement Day:22/09/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:02

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 175

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,907,116.400	+259,177,976.410
Balancing Services Contract Cost	+1,259,546.785	+156,914,178.704
Balancing Services Cost Variable	+577,338.120	+65,775,144.095
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+120,518.040	+20,149,561.300
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+144,212,432.000
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+722,473.500
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	+144,212,432.000
Total External Costs	+3,868,647.765	+509,739,334.009
Total Adjusted Energy Volume (MWh)	+1,095,177.290	

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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	+19,018.797	+105,956.031	+5.57112
02	+18,627.282	+95,774.555	+5.14163
03	+18,452.108	+103,868.253	+5.62907
04	+18,252.074	+102,821.166	+5.63340
05	+18,146.313	+120,572.009	+6.64444
06	+17,988.263	+127,773.900	+7.10318
07	+18,153.592	+167,540.682	+9.22907
08	+18,003.889	+154,863.245	+8.60166
09	+17,857.604	+143,266.470	+8.02272
10	+17,773.313	+139,506.229	+7.84920
11	+17,534.808	+128,695.191	+7.33941
12	+17,854.199	+133,089.248	+7.45423
13	+18,478.327	+133,044.738	+7.20004
14	+18,993.294	+132,597.723	+6.98129
15	+19,523.732	+78,511.982	+4.02136
16	+20,550.014	+83,790.298	+4.07738
17	+21,459.854	+85,644.597	+3.99092
18	+22,615.927	+90,448.327	+3.99932
19	+23,399.929	+80,427.388	+3.43708
20	+24,333.153	+84,305.672	+3.46464
21	+24,495.761	+82,631.402	+3.37329
22	+24,593.964	+106,224.676	+4.31914
23	+24,892.762	+92,017.657	+3.69656
24	+24,794.773	+98,184.693	+3.95989
25	+24,709.549	+110,933.152	+4.48949
26	+24,618.305	+108,137.381	+4.39256
27	+24,316.245	+88,848.107	+3.65386
28	+24,038.937	+81,670.331	+3.39742
29	+24,116.041	+82,545.690	+3.42285
30	+24,138.023	+80,052.615	+3.31645
31	+24,473.396	+79,669.217	+3.25534
32	+24,988.284	+80,157.141	+3.20779
33	+25,873.279	+82,990.542	+3.20758
34	+26,705.906	+82,899.196	+3.10415
35	+27,371.293	+90,476.424	+3.30552
36	+27,886.567	+80,944.249	+2.90263
37	+28,280.036	+81,100.374	+2.86776
38	+28,399.596	+81,884.783	+2.88331
39	+28,749.371	+93,108.417	+3.23862
40	+28,675.049	+97,581.699	+3.40302
41	+28,105.678	+78,494.602	+2.79284
42	+27,089.754	+73,434.368	+2.71078

43	+26,211.661	+74,979.854	+2.86055
44	+24,845.402	+59,764.057	+2.40544
45	+23,538.000	+64,068.539	+2.72192
46	+22,014.853	+65,207.482	+2.96198
47	+20,643.016	+104,357.962	+5.05536
48	+19,595.317	+97,856.488	+4.99387

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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	+0.01737	+35,801.20	+21,878.328	+31,797.280	+0.000	+0.000
02	+0.01701	+26,414.70	+21,424.891	+31,797.280	+0.000	+0.000
03	+0.01685	+27,912.50	+21,223.363	+38,746.500	+0.000	+0.000
04	+0.01667	+27,262.90	+20,996.645	+38,746.500	+0.000	+0.000
05	+0.01657	+48,521.69	+20,870.690	+35,459.380	+0.000	+0.000
06	+0.01642	+56,054.82	+20,681.758	+35,459.380	+0.000	+0.000
07	+0.01658	+83,137.41	+20,883.286	+47,790.250	+0.000	+0.000
08	+0.01644	+70,769.13	+20,706.949	+47,790.250	+0.000	+0.000
09	+0.01631	+68,039.30	+20,543.208	+39,210.380	+0.000	+0.000
10	+0.01623	+64,455.72	+20,442.444	+39,210.380	+0.000	+0.000
11	+0.01601	+56,052.58	+20,165.344	+37,288.300	+0.000	+0.000
12	+0.01630	+59,806.24	+20,530.613	+37,288.300	+0.000	+0.000
13	+0.01687	+60,770.45	+21,248.554	+35,020.870	+0.000	+0.000
14	+0.01734	+59,285.55	+21,840.541	+35,020.870	+0.000	+0.000
15	+0.01783	+53,695.63	+22,457.719	-14,557.000	+0.000	+0.000
16	+0.01876	+56,920.26	+23,629.098	-14,557.000	+0.000	+0.000
17	+0.01959	+48,625.70	+24,674.522	-6,241.000	+0.000	+0.000
18	+0.02065	+51,088.67	+26,009.641	-6,241.000	+0.000	+0.000
19	+0.02137	+39,226.53	+26,916.515	-5,989.750	+0.000	+0.000
20	+0.02222	+41,227.79	+27,987.130	-5,989.750	+0.000	+0.000
21	+0.02237	+36,009.03	+28,176.062	-2,776.500	+0.000	+0.000
22	+0.02246	+54,354.41	+28,289.421	+2,272.650	+0.000	+0.000
23	+0.02273	+37,187.66	+28,629.498	+4,636.150	+0.000	+0.000
24	+0.02264	+43,553.44	+28,516.139	+4,636.150	+0.000	+0.000
25	+0.02256	+55,528.56	+28,415.375	+5,586.150	+0.000	+0.000
26	+0.02248	+57,958.60	+28,314.612	+537.000	+0.000	+0.000
27	+0.02220	+39,287.64	+27,961.939	+537.000	+0.000	+0.000
28	+0.02195	+32,661.93	+27,647.052	+537.000	+0.000	+0.000
29	+0.02202	+33,382.71	+27,735.220	+537.000	+0.000	+0.000
30	+0.02204	+30,845.47	+27,760.411	+537.000	+0.000	+0.000
31	+0.02235	+29,777.51	+28,150.871	+537.000	+0.000	+0.000
32	+0.02282	+29,227.55	+28,742.858	+537.000	+0.000	+0.000
33	+0.02362	+30,831.34	+29,750.495	+0.000	+0.000	+0.000
34	+0.02439	+29,039.63	+30,720.346	+0.000	+0.000	+0.000
35	+0.02499	+35,291.90	+31,476.074	+0.000	+0.000	+0.000
36	+0.02546	+24,721.84	+32,068.061	+0.000	+0.000	+0.000
37	+0.02582	+24,082.99	+32,521.498	+0.000	+0.000	+0.000
38	+0.02593	+24,624.49	+32,660.048	+0.000	+0.000	+0.000
39	+0.02625	+35,141.48	+33,063.103	+0.000	+0.000	+0.000
40	+0.02618	+34,720.19	+32,974.935	+5,049.150	+0.000	+0.000
41	+0.02566	+16,781.39	+32,319.971	+5,049.150	+0.000	+0.000
42	+0.02474	+13,752.76	+31,161.187	+5,049.150	+0.000	+0.000

43	+0.02393	+17,086.94	+30,140.955	+5,049.150	+.000	+.000
44	+0.02269	+9,658.54	+28,579.117	+.000	+.000	+.000
45	+0.02149	+15,888.94	+27,067.660	+724.000	+.000	+.000
46	+0.02010	+20,097.37	+25,316.890	+724.000	+.000	+.000
47	+0.01885	+32,467.43	+23,742.457	+30,264.750	+.000	+.000
48	+0.01789	+28,085.89	+22,533.292	+30,264.750	+.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	+2,093.398	+0.000	+14,314.114	+0.000	+0.000
02	+0.000	+2,050.012	+0.000	+14,017.448	+0.000	+0.000
03	+0.000	+2,030.729	+0.000	+13,885.597	+0.000	+0.000
04	+0.000	+2,009.036	+0.000	+13,737.264	+0.000	+0.000
05	+0.000	+1,996.984	+0.000	+13,654.857	+0.000	+0.000
06	+0.000	+1,978.906	+0.000	+13,531.246	+0.000	+0.000
07	+0.000	+1,998.189	+0.000	+13,663.098	+0.000	+0.000
08	+0.000	+1,981.317	+0.000	+13,547.728	+0.000	+0.000
09	+0.000	+1,965.649	+0.000	+13,440.599	+0.000	+0.000
10	+0.000	+1,956.008	+0.000	+13,374.673	+0.000	+0.000
11	+0.000	+1,929.494	+0.000	+13,193.377	+0.000	+0.000
12	+0.000	+1,964.444	+0.000	+13,432.358	+0.000	+0.000
13	+0.000	+2,033.139	+0.000	+13,902.078	+0.000	+0.000
14	+0.000	+2,089.783	+0.000	+14,289.392	+0.000	+0.000
15	+0.000	+2,148.837	+0.000	+14,693.187	+0.000	+0.000
16	+0.000	+2,260.918	+0.000	+15,459.573	+0.000	+0.000
17	+0.000	+2,360.948	+0.000	+16,143.552	+0.000	+0.000
18	+0.000	+2,488.698	+0.000	+17,017.067	+0.000	+0.000
19	+0.000	+2,575.471	+0.000	+17,610.398	+0.000	+0.000
20	+0.000	+2,677.911	+0.000	+18,310.859	+0.000	+0.000
21	+0.000	+2,695.989	+0.000	+18,434.469	+0.000	+0.000
22	+0.000	+2,706.835	+0.000	+18,508.636	+0.000	+0.000
23	+0.000	+2,739.375	+0.000	+18,731.135	+0.000	+0.000
24	+0.000	+2,728.528	+0.000	+18,656.968	+0.000	+0.000
25	+0.000	+2,718.887	+0.000	+18,591.043	+0.000	+0.000
26	+0.000	+2,709.246	+0.000	+18,525.117	+0.000	+0.000
27	+0.000	+2,675.500	+0.000	+18,294.377	+0.000	+0.000
28	+0.000	+2,645.371	+0.000	+18,088.359	+0.000	+0.000
29	+0.000	+2,653.807	+0.000	+18,146.044	+0.000	+0.000
30	+0.000	+2,656.218	+0.000	+18,162.526	+0.000	+0.000
31	+0.000	+2,693.578	+0.000	+18,417.988	+0.000	+0.000
32	+0.000	+2,750.222	+0.000	+18,805.301	+0.000	+0.000
33	+0.000	+2,846.636	+0.000	+19,464.558	+0.000	+0.000
34	+0.000	+2,939.435	+0.000	+20,099.093	+0.000	+0.000
35	+0.000	+3,011.746	+0.000	+20,593.535	+0.000	+0.000
36	+0.000	+3,068.389	+0.000	+20,980.849	+0.000	+0.000
37	+0.000	+3,111.776	+0.000	+21,277.514	+0.000	+0.000
38	+0.000	+3,125.033	+0.000	+21,368.162	+0.000	+0.000
39	+0.000	+3,163.599	+0.000	+21,631.865	+0.000	+0.000
40	+0.000	+3,155.162	+0.000	+21,574.180	+0.000	+0.000
41	+0.000	+3,092.493	+0.000	+21,145.663	+0.000	+0.000
42	+0.000	+2,981.616	+0.000	+20,387.518	+0.000	+0.000

43	+.000	+2,883.997	+.000	+19,720.020	+.000	+.000
44	+.000	+2,734.554	+.000	+18,698.172	+.000	+.000
45	+.000	+2,589.933	+.000	+17,709.287	+.000	+.000
46	+.000	+2,422.413	+.000	+16,563.828	+.000	+.000
47	+.000	+2,271.765	+.000	+15,533.739	+.000	+.000
48	+.000	+2,156.068	+.000	+14,742.631	+.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	+71.711	+0.000	+0.000	+0.000	+0.000	+105,956.031
02	+70.224	+0.000	+0.000	+0.000	+0.000	+95,774.555
03	+69.564	+0.000	+0.000	+0.000	+0.000	+103,868.253
04	+68.821	+0.000	+0.000	+0.000	+0.000	+102,821.166
05	+68.408	+0.000	+0.000	+0.000	+0.000	+120,572.009
06	+67.789	+0.000	+0.000	+0.000	+0.000	+127,773.900
07	+68.449	+0.000	+0.000	+0.000	+0.000	+167,540.682
08	+67.871	+0.000	+0.000	+0.000	+0.000	+154,863.245
09	+67.335	+0.000	+0.000	+0.000	+0.000	+143,266.470
10	+67.004	+0.000	+0.000	+0.000	+0.000	+139,506.229
11	+66.096	+0.000	+0.000	+0.000	+0.000	+128,695.191
12	+67.293	+0.000	+0.000	+0.000	+0.000	+133,089.248
13	+69.646	+0.000	+0.000	+0.000	+0.000	+133,044.738
14	+71.587	+0.000	+0.000	+0.000	+0.000	+132,597.723
15	+73.610	+0.000	+0.000	+0.000	+0.000	+78,511.982
16	+77.449	+0.000	+0.000	+0.000	+0.000	+83,790.298
17	+80.876	+0.000	+0.000	+0.000	+0.000	+85,644.597
18	+85.252	+0.000	+0.000	+0.000	+0.000	+90,448.327
19	+88.224	+0.000	+0.000	+0.000	+0.000	+80,427.388
20	+91.733	+0.000	+0.000	+0.000	+0.000	+84,305.672
21	+92.353	+0.000	+0.000	+0.000	+0.000	+82,631.402
22	+92.724	+0.000	+0.000	+0.000	+0.000	+106,224.676
23	+93.839	+0.000	+0.000	+0.000	+0.000	+92,017.657
24	+93.467	+0.000	+0.000	+0.000	+0.000	+98,184.693
25	+93.137	+0.000	+0.000	+0.000	+0.000	+110,933.152
26	+92.807	+0.000	+0.000	+0.000	+0.000	+108,137.381
27	+91.651	+0.000	+0.000	+0.000	+0.000	+88,848.107
28	+90.619	+0.000	+0.000	+0.000	+0.000	+81,670.331
29	+90.908	+0.000	+0.000	+0.000	+0.000	+82,545.690
30	+90.990	+0.000	+0.000	+0.000	+0.000	+80,052.615
31	+92.270	+0.000	+0.000	+0.000	+0.000	+79,669.217
32	+94.211	+0.000	+0.000	+0.000	+0.000	+80,157.141
33	+97.513	+0.000	+0.000	+0.000	+0.000	+82,990.542
34	+100.692	+0.000	+0.000	+0.000	+0.000	+82,899.196
35	+103.169	+0.000	+0.000	+0.000	+0.000	+90,476.424
36	+105.110	+0.000	+0.000	+0.000	+0.000	+80,944.249
37	+106.596	+0.000	+0.000	+0.000	+0.000	+81,100.374
38	+107.050	+0.000	+0.000	+0.000	+0.000	+81,884.783
39	+108.371	+0.000	+0.000	+0.000	+0.000	+93,108.417
40	+108.082	+0.000	+0.000	+0.000	+0.000	+97,581.699
41	+105.935	+0.000	+0.000	+0.000	+0.000	+78,494.602
42	+102.137	+0.000	+0.000	+0.000	+0.000	+73,434.368



43	+98.793	+.000	+.000	+.000	+.000	+74,979.854
44	+93.674	+.000	+.000	+.000	+.000	+59,764.057
45	+88.720	+.000	+.000	+.000	+.000	+64,068.539
46	+82.981	+.000	+.000	+.000	+.000	+65,207.482
47	+77.821	+.000	+.000	+.000	+.000	+104,357.962
48	+73.857	+.000	+.000	+.000	+.000	+97,856.488