

Date: 30/09/2019

Settlement Day:22/09/2019

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: 175

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,906,311.990	+259,393,797.510
Balancing Services Contract Cost	+841,624.577	+130,102,871.441
Balancing Services Cost Variable	+577,338.120	+66,299,545.475
ESO Incentive Recovery Costs	+40,983.610	+7,172,131.750
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+21,573,328.728
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	+3,493,674.388	+485,264,148.404
Total Adjusted Energy Volume (MWh)	+1,085,582.270	

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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	+18,816.090	+99,354.232	+5.28028
02	+18,433.354	+89,249.699	+4.84175
03	+18,246.179	+97,266.072	+5.33076
04	+18,053.632	+96,203.875	+5.32878
05	+17,947.155	+114,676.596	+6.38968
06	+17,800.717	+121,978.563	+6.85245
07	+17,943.221	+161,833.486	+9.01920
08	+17,756.346	+149,327.569	+8.40981
09	+17,608.249	+137,700.516	+7.82023
10	+17,528.029	+133,959.669	+7.64260
11	+17,333.602	+123,121.792	+7.10307
12	+17,645.955	+127,409.679	+7.22033
13	+18,228.397	+127,238.560	+6.98024
14	+18,769.249	+124,787.248	+6.64849
15	+19,351.731	+70,404.630	+3.63816
16	+20,388.406	+73,734.110	+3.61647
17	+21,281.070	+75,226.398	+3.53490
18	+22,443.054	+83,139.270	+3.70445
19	+23,201.464	+69,515.957	+2.99619
20	+24,091.937	+76,305.875	+3.16728
21	+24,241.183	+74,527.308	+3.07441
22	+24,322.804	+98,126.736	+4.03435
23	+24,663.957	+83,784.836	+3.39706
24	+24,569.481	+90,029.377	+3.66428
25	+24,471.840	+102,885.258	+4.20423
26	+24,365.061	+100,110.869	+4.10879
27	+24,122.310	+80,876.338	+3.35276
28	+23,856.003	+73,754.905	+3.09167
29	+23,954.052	+74,627.224	+3.11543
30	+23,983.150	+72,117.246	+3.00700
31	+24,314.145	+71,631.155	+2.94607
32	+24,807.139	+71,909.698	+2.89875
33	+25,675.311	+74,441.004	+2.89932
34	+26,450.410	+73,985.383	+2.79714
35	+27,110.206	+81,300.780	+2.99890
36	+27,624.477	+71,559.976	+2.59046
37	+28,018.485	+71,599.670	+2.55544
38	+28,138.377	+72,335.381	+2.57070
39	+28,499.995	+83,510.672	+2.93020
40	+28,416.134	+88,012.675	+3.09728
41	+27,851.735	+69,002.786	+2.47750
42	+26,854.882	+64,261.288	+2.39291

43	+26,047.787	+66,213.077	+2.54198
44	+24,778.613	+51,541.456	+2.08008
45	+23,485.267	+56,290.292	+2.39683
46	+21,961.365	+57,937.238	+2.63814
47	+20,584.590	+97,540.287	+4.73851
48	+19,545.674	+91,398.716	+4.67616

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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	+0.01733	+35,772.08	+14,585.354	+31,797.280	+710.246	+0.000
02	+0.01698	+26,309.48	+14,290.785	+31,797.280	+695.902	+0.000
03	+0.01681	+27,688.43	+14,147.709	+38,746.500	+688.934	+0.000
04	+0.01663	+26,956.37	+13,996.217	+38,746.500	+681.557	+0.000
05	+0.01653	+48,899.62	+13,912.054	+35,459.380	+677.459	+0.000
06	+0.01640	+56,440.02	+13,802.643	+35,459.380	+672.131	+0.000
07	+0.01653	+83,725.64	+13,912.054	+47,790.250	+677.459	+0.000
08	+0.01636	+71,531.52	+13,768.978	+47,790.250	+670.492	+0.000
09	+0.01622	+68,741.11	+13,651.151	+39,210.380	+664.754	+0.000
10	+0.01615	+65,128.65	+13,592.237	+39,210.380	+661.885	+0.000
11	+0.01597	+56,542.99	+13,440.744	+37,288.300	+654.508	+0.000
12	+0.01625	+60,317.33	+13,676.399	+37,288.300	+665.984	+0.000
13	+0.01679	+61,423.23	+14,130.877	+35,020.870	+688.115	+0.000
14	+0.01729	+58,054.87	+14,551.689	+35,020.870	+708.607	+0.000
15	+0.01783	+52,259.71	+15,006.166	-14,557.000	+730.738	+0.000
16	+0.01878	+53,846.80	+15,805.710	-14,557.000	+769.672	+0.000
17	+0.01960	+45,519.13	+16,495.842	-6,241.000	+803.279	+0.000
18	+0.02067	+51,469.52	+17,396.380	-6,241.000	+847.131	+0.000
19	+0.02137	+36,311.09	+17,985.517	-5,989.750	+875.820	+0.000
20	+0.02219	+41,597.05	+18,675.649	-5,989.750	+909.426	+0.000
21	+0.02233	+36,348.46	+18,793.477	-2,776.500	+915.164	+0.000
22	+0.02241	+54,752.01	+18,860.807	+2,272.650	+918.443	+0.000
23	+0.02272	+37,478.04	+19,121.710	+4,636.150	+931.148	+0.000
24	+0.02263	+43,887.65	+19,045.964	+4,636.150	+927.459	+0.000
25	+0.02254	+55,958.60	+18,970.218	+5,586.150	+923.771	+0.000
26	+0.02244	+58,416.77	+18,886.056	+537.000	+919.672	+0.000
27	+0.02222	+39,585.74	+18,700.898	+537.000	+910.656	+0.000
28	+0.02198	+32,904.49	+18,498.908	+537.000	+900.820	+0.000
29	+0.02207	+33,611.74	+18,574.654	+537.000	+904.508	+0.000
30	+0.02209	+31,065.08	+18,591.487	+537.000	+905.328	+0.000
31	+0.02240	+30,010.42	+18,852.391	+537.000	+918.033	+0.000
32	+0.02285	+29,463.62	+19,231.122	+537.000	+936.475	+0.000
33	+0.02365	+31,064.65	+19,904.421	+0.000	+969.262	+0.000
34	+0.02437	+29,288.48	+20,510.391	+0.000	+998.771	+0.000
35	+0.02497	+35,503.42	+21,015.366	+0.000	+1,023.361	+0.000
36	+0.02545	+24,882.25	+21,419.345	+0.000	+1,043.033	+0.000
37	+0.02581	+24,261.67	+21,722.330	+0.000	+1,057.787	+0.000
38	+0.02592	+24,795.63	+21,814.909	+0.000	+1,062.295	+0.000
39	+0.02625	+35,365.67	+22,092.645	+0.000	+1,075.820	+0.000
40	+0.02618	+34,946.91	+22,033.731	+5,049.150	+1,072.951	+0.000
41	+0.02566	+16,890.75	+21,596.087	+5,049.150	+1,051.639	+0.000
42	+0.02474	+13,836.62	+20,821.792	+5,049.150	+1,013.935	+0.000

43	+0.02399	+17,163.98	+20,190.574	+5,049.150	+983.197	+.000
44	+0.02283	+9,669.06	+19,214.289	+.000	+935.656	+.000
45	+0.02163	+15,894.81	+18,204.340	+724.000	+886.475	+.000
46	+0.02023	+20,109.49	+17,026.065	+724.000	+829.098	+.000
47	+0.01896	+32,501.09	+15,957.202	+30,264.750	+777.049	+.000
48	+0.01800	+28,120.25	+15,149.242	+30,264.750	+737.705	+.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	+2,136.575	+0.000	+14,281.151	+0.000	+0.000
02	+0.000	+2,093.425	+0.000	+13,992.726	+0.000	+0.000
03	+0.000	+2,072.466	+0.000	+13,852.634	+0.000	+0.000
04	+0.000	+2,050.274	+0.000	+13,704.301	+0.000	+0.000
05	+0.000	+2,037.945	+0.000	+13,621.894	+0.000	+0.000
06	+0.000	+2,021.918	+0.000	+13,514.765	+0.000	+0.000
07	+0.000	+2,037.945	+0.000	+13,621.894	+0.000	+0.000
08	+0.000	+2,016.986	+0.000	+13,481.802	+0.000	+0.000
09	+0.000	+1,999.726	+0.000	+13,366.432	+0.000	+0.000
10	+0.000	+1,991.096	+0.000	+13,308.747	+0.000	+0.000
11	+0.000	+1,968.904	+0.000	+13,160.415	+0.000	+0.000
12	+0.000	+2,003.425	+0.000	+13,391.154	+0.000	+0.000
13	+0.000	+2,070.000	+0.000	+13,836.153	+0.000	+0.000
14	+0.000	+2,131.644	+0.000	+14,248.188	+0.000	+0.000
15	+0.000	+2,198.219	+0.000	+14,693.187	+0.000	+0.000
16	+0.000	+2,315.342	+0.000	+15,476.054	+0.000	+0.000
17	+0.000	+2,416.438	+0.000	+16,151.792	+0.000	+0.000
18	+0.000	+2,548.356	+0.000	+17,033.548	+0.000	+0.000
19	+0.000	+2,634.658	+0.000	+17,610.398	+0.000	+0.000
20	+0.000	+2,735.753	+0.000	+18,286.136	+0.000	+0.000
21	+0.000	+2,753.014	+0.000	+18,401.506	+0.000	+0.000
22	+0.000	+2,762.877	+0.000	+18,467.432	+0.000	+0.000
23	+0.000	+2,801.096	+0.000	+18,722.894	+0.000	+0.000
24	+0.000	+2,790.000	+0.000	+18,648.728	+0.000	+0.000
25	+0.000	+2,778.904	+0.000	+18,574.561	+0.000	+0.000
26	+0.000	+2,766.575	+0.000	+18,492.154	+0.000	+0.000
27	+0.000	+2,739.452	+0.000	+18,310.859	+0.000	+0.000
28	+0.000	+2,709.863	+0.000	+18,113.081	+0.000	+0.000
29	+0.000	+2,720.959	+0.000	+18,187.248	+0.000	+0.000
30	+0.000	+2,723.425	+0.000	+18,203.729	+0.000	+0.000
31	+0.000	+2,761.644	+0.000	+18,459.191	+0.000	+0.000
32	+0.000	+2,817.123	+0.000	+18,830.023	+0.000	+0.000
33	+0.000	+2,915.753	+0.000	+19,489.280	+0.000	+0.000
34	+0.000	+3,004.521	+0.000	+20,082.611	+0.000	+0.000
35	+0.000	+3,078.493	+0.000	+20,577.054	+0.000	+0.000
36	+0.000	+3,137.671	+0.000	+20,972.608	+0.000	+0.000
37	+0.000	+3,182.055	+0.000	+21,269.274	+0.000	+0.000
38	+0.000	+3,195.616	+0.000	+21,359.921	+0.000	+0.000
39	+0.000	+3,236.301	+0.000	+21,631.865	+0.000	+0.000
40	+0.000	+3,227.671	+0.000	+21,574.180	+0.000	+0.000
41	+0.000	+3,163.562	+0.000	+21,145.663	+0.000	+0.000
42	+0.000	+3,050.137	+0.000	+20,387.518	+0.000	+0.000

43	+.000	+2,957.671	+.000	+19,769.464	+.000	+.000
44	+.000	+2,814.658	+.000	+18,813.542	+.000	+.000
45	+.000	+2,666.712	+.000	+17,824.657	+.000	+.000
46	+.000	+2,494.110	+.000	+16,670.957	+.000	+.000
47	+.000	+2,337.534	+.000	+15,624.387	+.000	+.000
48	+.000	+2,219.178	+.000	+14,833.279	+.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	+71.546	+0.000	+0.000	+0.000	+0.000	+99,354.232
02	+70.101	+0.000	+0.000	+0.000	+0.000	+89,249.699
03	+69.399	+0.000	+0.000	+0.000	+0.000	+97,266.072
04	+68.656	+0.000	+0.000	+0.000	+0.000	+96,203.875
05	+68.243	+0.000	+0.000	+0.000	+0.000	+114,676.596
06	+67.706	+0.000	+0.000	+0.000	+0.000	+121,978.563
07	+68.243	+0.000	+0.000	+0.000	+0.000	+161,833.486
08	+67.541	+0.000	+0.000	+0.000	+0.000	+149,327.569
09	+66.963	+0.000	+0.000	+0.000	+0.000	+137,700.516
10	+66.674	+0.000	+0.000	+0.000	+0.000	+133,959.669
11	+65.931	+0.000	+0.000	+0.000	+0.000	+123,121.792
12	+67.087	+0.000	+0.000	+0.000	+0.000	+127,409.679
13	+69.316	+0.000	+0.000	+0.000	+0.000	+127,238.560
14	+71.380	+0.000	+0.000	+0.000	+0.000	+124,787.248
15	+73.610	+0.000	+0.000	+0.000	+0.000	+70,404.630
16	+77.532	+0.000	+0.000	+0.000	+0.000	+73,734.110
17	+80.917	+0.000	+0.000	+0.000	+0.000	+75,226.398
18	+85.334	+0.000	+0.000	+0.000	+0.000	+83,139.270
19	+88.224	+0.000	+0.000	+0.000	+0.000	+69,515.957
20	+91.610	+0.000	+0.000	+0.000	+0.000	+76,305.875
21	+92.188	+0.000	+0.000	+0.000	+0.000	+74,527.308
22	+92.518	+0.000	+0.000	+0.000	+0.000	+98,126.736
23	+93.798	+0.000	+0.000	+0.000	+0.000	+83,784.836
24	+93.426	+0.000	+0.000	+0.000	+0.000	+90,029.377
25	+93.055	+0.000	+0.000	+0.000	+0.000	+102,885.258
26	+92.642	+0.000	+0.000	+0.000	+0.000	+100,110.869
27	+91.733	+0.000	+0.000	+0.000	+0.000	+80,876.338
28	+90.743	+0.000	+0.000	+0.000	+0.000	+73,754.905
29	+91.114	+0.000	+0.000	+0.000	+0.000	+74,627.224
30	+91.197	+0.000	+0.000	+0.000	+0.000	+72,117.246
31	+92.477	+0.000	+0.000	+0.000	+0.000	+71,631.155
32	+94.334	+0.000	+0.000	+0.000	+0.000	+71,909.698
33	+97.637	+0.000	+0.000	+0.000	+0.000	+74,441.004
34	+100.610	+0.000	+0.000	+0.000	+0.000	+73,985.383
35	+103.087	+0.000	+0.000	+0.000	+0.000	+81,300.780
36	+105.068	+0.000	+0.000	+0.000	+0.000	+71,559.976
37	+106.555	+0.000	+0.000	+0.000	+0.000	+71,599.670
38	+107.009	+0.000	+0.000	+0.000	+0.000	+72,335.381
39	+108.371	+0.000	+0.000	+0.000	+0.000	+83,510.672
40	+108.082	+0.000	+0.000	+0.000	+0.000	+88,012.675
41	+105.935	+0.000	+0.000	+0.000	+0.000	+69,002.786
42	+102.137	+0.000	+0.000	+0.000	+0.000	+64,261.288



43	+99.041	+.000	+.000	+.000	+.000	+66,213.077
44	+94.252	+.000	+.000	+.000	+.000	+51,541.456
45	+89.298	+.000	+.000	+.000	+.000	+56,290.292
46	+83.518	+.000	+.000	+.000	+.000	+57,937.238
47	+78.275	+.000	+.000	+.000	+.000	+97,540.287
48	+74.312	+.000	+.000	+.000	+.000	+91,398.716