

Date: 23/09/2019

Settlement Day:15/09/2019

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: 168

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+3,275,390.060	+251,223,135.460
Balancing Services Contract Cost	+897,159.296	+125,036,126.096
Balancing Services Cost Variable	+1,573,067.220	+61,667,501.155
ESO Incentive Recovery Costs	+40,983.610	+6,885,246.480
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+20,710,315.031
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+138,443,934.720
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+693,574.560
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	+138,443,934.720
Total External Costs	+5,914,016.277	+466,215,898.782
Total Adjusted Energy Volume (MWh)	+1,038,988.196	

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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	+19,472.545	+265,081.047	+13.61307
02	+19,109.988	+255,433.706	+13.36650
03	+18,878.597	+306,389.318	+16.22945
04	+18,769.877	+303,176.145	+16.15227
05	+19,036.079	+364,750.522	+19.16101
06	+18,967.456	+349,523.984	+18.42756
07	+19,077.244	+317,721.367	+16.65447
08	+18,970.529	+310,486.454	+16.36678
09	+18,652.193	+250,672.309	+13.43929
10	+18,569.054	+234,475.409	+12.62721
11	+18,086.770	+197,795.339	+10.93591
12	+17,967.293	+179,805.693	+10.00739
13	+18,540.214	+173,413.680	+9.35338
14	+18,698.031	+161,836.831	+8.65529
15	+18,997.440	+151,732.187	+7.98698
16	+19,863.212	+163,190.496	+8.21572
17	+19,824.782	+108,061.541	+5.45083
18	+20,433.508	+116,712.663	+5.71183
19	+20,626.445	+91,638.776	+4.44278
20	+20,924.610	+84,831.239	+4.05414
21	+20,903.409	+70,967.556	+3.39502
22	+20,875.300	+81,225.757	+3.89100
23	+20,735.082	+77,656.306	+3.74517
24	+20,882.626	+81,739.014	+3.91421
25	+21,188.665	+82,968.596	+3.91571
26	+21,283.694	+77,265.159	+3.63025
27	+21,290.596	+72,727.559	+3.41595
28	+21,187.647	+73,681.236	+3.47756
29	+21,296.156	+80,771.776	+3.79279
30	+21,315.524	+78,027.848	+3.66061
31	+21,896.367	+75,609.865	+3.45308
32	+22,444.764	+82,172.989	+3.66112
33	+23,341.846	+79,998.657	+3.42726
34	+24,613.389	+87,156.406	+3.54102
35	+25,918.172	+87,771.329	+3.38648
36	+26,551.756	+101,464.614	+3.82139
37	+26,816.411	+96,380.071	+3.59407
38	+26,975.254	+93,833.016	+3.47848
39	+27,293.295	+92,663.161	+3.39509
40	+27,836.708	+109,583.499	+3.93665
41	+27,622.004	+100,419.543	+3.63549
42	+26,852.571	+87,775.640	+3.26880

43	+25,995.290	+85,993.614	+3.30805
44	+24,698.402	+79,816.486	+3.23165
45	+23,430.380	+76,058.937	+3.24617
46	+21,960.949	+74,495.679	+3.39219
47	+20,670.644	+83,127.881	+4.02154
48	+19,645.428	+80,006.414	+4.07252

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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	+0.01874	+172,862.41	+16,812.765	+56,806.970	+768.033	+0.000
02	+0.01839	+163,876.44	+16,498.759	+56,806.970	+753.689	+0.000
03	+0.01817	+159,436.04	+16,301.384	+112,618.700	+744.672	+0.000
04	+0.01807	+156,411.83	+16,211.668	+112,618.700	+740.574	+0.000
05	+0.01832	+165,162.70	+16,435.958	+164,969.800	+750.820	+0.000
06	+0.01826	+150,049.54	+16,382.129	+164,969.800	+748.361	+0.000
07	+0.01836	+132,423.16	+16,471.845	+150,604.600	+752.459	+0.000
08	+0.01826	+125,377.21	+16,382.129	+150,604.600	+748.361	+0.000
09	+0.01795	+119,796.46	+16,104.009	+96,956.990	+735.656	+0.000
10	+0.01787	+103,750.73	+16,032.237	+96,956.990	+732.377	+0.000
11	+0.01741	+99,461.93	+15,619.543	+65,434.950	+713.525	+0.000
12	+0.01729	+81,699.04	+15,511.884	+65,434.950	+708.607	+0.000
13	+0.01784	+82,267.32	+16,005.322	+57,435.360	+731.148	+0.000
14	+0.01800	+70,388.13	+16,148.867	+57,435.360	+737.705	+0.000
15	+0.01828	+60,569.77	+16,400.072	+56,619.980	+749.180	+0.000
16	+0.01912	+70,440.79	+17,153.686	+56,619.980	+783.607	+0.000
17	+0.01908	+85,744.50	+17,117.799	-13,737.100	+781.967	+0.000
18	+0.01967	+93,280.74	+17,647.123	-13,737.100	+806.148	+0.000
19	+0.01985	+61,647.42	+17,808.612	-7,517.800	+813.525	+0.000
20	+0.02014	+54,291.89	+18,068.788	-7,517.800	+825.410	+0.000
21	+0.02012	+36,055.20	+18,050.845	-3,107.000	+824.590	+0.000
22	+0.02009	+41,284.38	+18,023.930	+1,978.710	+823.361	+0.000
23	+0.01996	+36,061.33	+17,907.300	+3,877.960	+818.033	+0.000
24	+0.02010	+39,879.49	+18,032.902	+3,877.960	+823.771	+0.000
25	+0.02039	+39,673.78	+18,293.078	+4,765.260	+835.656	+0.000
26	+0.02049	+38,867.09	+18,382.794	-320.450	+839.754	+0.000
27	+0.02049	+34,482.49	+18,382.794	-473.450	+839.754	+0.000
28	+0.02039	+35,625.13	+18,293.078	-473.450	+835.656	+0.000
29	+0.02050	+42,568.81	+18,391.766	-534.450	+840.164	+0.000
30	+0.02052	+39,787.09	+18,409.709	-534.450	+840.984	+0.000
31	+0.02107	+36,676.86	+18,903.146	-881.500	+863.525	+0.000
32	+0.02160	+42,238.48	+19,378.641	-881.500	+885.246	+0.000
33	+0.02247	+37,493.67	+20,159.169	+45.000	+920.902	+0.000
34	+0.02369	+42,346.07	+21,253.704	+45.000	+970.902	+0.000
35	+0.02495	+40,580.06	+22,384.124	+45.000	+1,022.541	+0.000
36	+0.02556	+53,120.67	+22,931.392	+45.000	+1,047.541	+0.000
37	+0.02581	+47,563.72	+23,155.681	+45.000	+1,057.787	+0.000
38	+0.02596	+44,733.22	+23,290.255	+45.000	+1,063.935	+0.000
39	+0.02627	+43,022.58	+23,568.375	+0.000	+1,076.639	+0.000
40	+0.02679	+53,874.60	+24,034.898	+5,085.710	+1,097.951	+0.000
41	+0.02659	+44,908.57	+23,855.466	+5,265.710	+1,089.754	+0.000
42	+0.02584	+33,681.89	+23,182.596	+5,265.710	+1,059.016	+0.000

43	+0.02502	+33,449.36	+22,446.926	+5,265.710	+1,025.410	+.000
44	+0.02377	+34,719.98	+21,325.476	+180.000	+974.180	+.000
45	+0.02255	+35,806.78	+20,230.942	-2,359.000	+924.180	+.000
46	+0.02114	+36,907.90	+18,965.948	-2,359.000	+866.394	+.000
47	+0.01989	+11,156.22	+17,844.498	+34,386.920	+815.164	+.000
48	+0.01891	+9,886.59	+16,965.282	+34,386.920	+775.000	+.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	+2,310.411	+0.000	+15,443.091	+0.000	+0.000
02	+0.000	+2,267.260	+0.000	+15,154.666	+0.000	+0.000
03	+0.000	+2,240.137	+0.000	+14,973.371	+0.000	+0.000
04	+0.000	+2,227.808	+0.000	+14,890.964	+0.000	+0.000
05	+0.000	+2,258.630	+0.000	+15,096.981	+0.000	+0.000
06	+0.000	+2,251.233	+0.000	+15,047.537	+0.000	+0.000
07	+0.000	+2,263.562	+0.000	+15,129.944	+0.000	+0.000
08	+0.000	+2,251.233	+0.000	+15,047.537	+0.000	+0.000
09	+0.000	+2,213.014	+0.000	+14,792.075	+0.000	+0.000
10	+0.000	+2,203.151	+0.000	+14,726.149	+0.000	+0.000
11	+0.000	+2,146.438	+0.000	+14,347.077	+0.000	+0.000
12	+0.000	+2,131.644	+0.000	+14,248.188	+0.000	+0.000
13	+0.000	+2,199.452	+0.000	+14,701.427	+0.000	+0.000
14	+0.000	+2,219.178	+0.000	+14,833.279	+0.000	+0.000
15	+0.000	+2,253.699	+0.000	+15,064.019	+0.000	+0.000
16	+0.000	+2,357.260	+0.000	+15,756.238	+0.000	+0.000
17	+0.000	+2,352.329	+0.000	+15,723.275	+0.000	+0.000
18	+0.000	+2,425.068	+0.000	+16,209.477	+0.000	+0.000
19	+0.000	+2,447.260	+0.000	+16,357.810	+0.000	+0.000
20	+0.000	+2,483.014	+0.000	+16,596.791	+0.000	+0.000
21	+0.000	+2,480.548	+0.000	+16,580.309	+0.000	+0.000
22	+0.000	+2,476.849	+0.000	+16,555.587	+0.000	+0.000
23	+0.000	+2,460.822	+0.000	+16,448.458	+0.000	+0.000
24	+0.000	+2,478.082	+0.000	+16,563.828	+0.000	+0.000
25	+0.000	+2,513.836	+0.000	+16,802.809	+0.000	+0.000
26	+0.000	+2,526.164	+0.000	+16,885.216	+0.000	+0.000
27	+0.000	+2,526.164	+0.000	+16,885.216	+0.000	+0.000
28	+0.000	+2,513.836	+0.000	+16,802.809	+0.000	+0.000
29	+0.000	+2,527.397	+0.000	+16,893.456	+0.000	+0.000
30	+0.000	+2,529.863	+0.000	+16,909.938	+0.000	+0.000
31	+0.000	+2,597.671	+0.000	+17,363.177	+0.000	+0.000
32	+0.000	+2,663.014	+0.000	+17,799.934	+0.000	+0.000
33	+0.000	+2,770.274	+0.000	+18,516.876	+0.000	+0.000
34	+0.000	+2,920.685	+0.000	+19,522.243	+0.000	+0.000
35	+0.000	+3,076.027	+0.000	+20,560.572	+0.000	+0.000
36	+0.000	+3,151.233	+0.000	+21,063.256	+0.000	+0.000
37	+0.000	+3,182.055	+0.000	+21,269.274	+0.000	+0.000
38	+0.000	+3,200.548	+0.000	+21,392.884	+0.000	+0.000
39	+0.000	+3,238.767	+0.000	+21,648.346	+0.000	+0.000
40	+0.000	+3,302.877	+0.000	+22,076.863	+0.000	+0.000
41	+0.000	+3,278.219	+0.000	+21,912.049	+0.000	+0.000
42	+0.000	+3,185.753	+0.000	+21,293.996	+0.000	+0.000

43	+.000	+3,084.658	+.000	+20,618.257	+.000	+.000
44	+.000	+2,930.548	+.000	+19,588.169	+.000	+.000
45	+.000	+2,780.137	+.000	+18,582.802	+.000	+.000
46	+.000	+2,606.301	+.000	+17,420.862	+.000	+.000
47	+.000	+2,452.192	+.000	+16,390.773	+.000	+.000
48	+.000	+2,331.370	+.000	+15,583.183	+.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	+77.367	+ .000	+ .000	+ .000	+ .000	+265,081.047
02	+75.922	+ .000	+ .000	+ .000	+ .000	+255,433.706
03	+75.013	+ .000	+ .000	+ .000	+ .000	+306,389.318
04	+74.601	+ .000	+ .000	+ .000	+ .000	+303,176.145
05	+75.633	+ .000	+ .000	+ .000	+ .000	+364,750.522
06	+75.385	+ .000	+ .000	+ .000	+ .000	+349,523.984
07	+75.798	+ .000	+ .000	+ .000	+ .000	+317,721.367
08	+75.385	+ .000	+ .000	+ .000	+ .000	+310,486.454
09	+74.105	+ .000	+ .000	+ .000	+ .000	+250,672.309
10	+73.775	+ .000	+ .000	+ .000	+ .000	+234,475.409
11	+71.876	+ .000	+ .000	+ .000	+ .000	+197,795.339
12	+71.380	+ .000	+ .000	+ .000	+ .000	+179,805.693
13	+73.651	+ .000	+ .000	+ .000	+ .000	+173,413.680
14	+74.312	+ .000	+ .000	+ .000	+ .000	+161,836.831
15	+75.468	+ .000	+ .000	+ .000	+ .000	+151,732.187
16	+78.935	+ .000	+ .000	+ .000	+ .000	+163,190.496
17	+78.770	+ .000	+ .000	+ .000	+ .000	+108,061.541
18	+81.206	+ .000	+ .000	+ .000	+ .000	+116,712.663
19	+81.949	+ .000	+ .000	+ .000	+ .000	+91,638.776
20	+83.146	+ .000	+ .000	+ .000	+ .000	+84,831.239
21	+83.064	+ .000	+ .000	+ .000	+ .000	+70,967.556
22	+82.940	+ .000	+ .000	+ .000	+ .000	+81,225.757
23	+82.403	+ .000	+ .000	+ .000	+ .000	+77,656.306
24	+82.981	+ .000	+ .000	+ .000	+ .000	+81,739.014
25	+84.178	+ .000	+ .000	+ .000	+ .000	+82,968.596
26	+84.591	+ .000	+ .000	+ .000	+ .000	+77,265.159
27	+84.591	+ .000	+ .000	+ .000	+ .000	+72,727.559
28	+84.178	+ .000	+ .000	+ .000	+ .000	+73,681.236
29	+84.633	+ .000	+ .000	+ .000	+ .000	+80,771.776
30	+84.715	+ .000	+ .000	+ .000	+ .000	+78,027.848
31	+86.986	+ .000	+ .000	+ .000	+ .000	+75,609.865
32	+89.174	+ .000	+ .000	+ .000	+ .000	+82,172.989
33	+92.766	+ .000	+ .000	+ .000	+ .000	+79,998.657
34	+97.802	+ .000	+ .000	+ .000	+ .000	+87,156.406
35	+103.004	+ .000	+ .000	+ .000	+ .000	+87,771.329
36	+105.522	+ .000	+ .000	+ .000	+ .000	+101,464.614
37	+106.555	+ .000	+ .000	+ .000	+ .000	+96,380.071
38	+107.174	+ .000	+ .000	+ .000	+ .000	+93,833.016
39	+108.454	+ .000	+ .000	+ .000	+ .000	+92,663.161
40	+110.600	+ .000	+ .000	+ .000	+ .000	+109,583.499
41	+109.775	+ .000	+ .000	+ .000	+ .000	+100,419.543
42	+106.678	+ .000	+ .000	+ .000	+ .000	+87,775.640



43	+103.293	+.000	+.000	+.000	+.000	+85,993.614
44	+98.133	+.000	+.000	+.000	+.000	+79,816.486
45	+93.096	+.000	+.000	+.000	+.000	+76,058.937
46	+87.275	+.000	+.000	+.000	+.000	+74,495.679
47	+82.114	+.000	+.000	+.000	+.000	+83,127.881
48	+78.068	+.000	+.000	+.000	+.000	+80,006.414