

Date: 24/10/2019

Settlement Day:13/10/2019

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: 196

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,284,370.160	+319,190,663.020
Balancing Services Contract Cost	+791,802.183	+144,663,499.822
Balancing Services Cost Variable	+307,092.980	+80,034,936.755
ESO Incentive Recovery Costs	+0.000	+7,581,967.850
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+24,162,369.819
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+161,517,923.840
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+809,170.320
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	+161,517,923.840
Total External Costs	+2,510,681.414	+576,442,607.586
Total Adjusted Energy Volume (MWh)	+1,218,185.205	

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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	+20,589.785	+82,736.249	+4.01832
02	+20,163.675	+80,746.338	+4.00454
03	+19,970.604	+77,987.262	+3.90510
04	+19,968.379	+80,579.282	+4.03534
05	+19,710.351	+80,809.171	+4.09983
06	+19,820.711	+92,114.887	+4.64741
07	+19,523.818	+83,268.268	+4.26496
08	+19,243.330	+82,833.661	+4.30454
09	+19,425.012	+88,289.595	+4.54515
10	+19,555.397	+107,888.873	+5.51709
11	+19,853.834	+110,424.576	+5.56188
12	+20,034.088	+110,796.999	+5.53042
13	+20,497.579	+81,164.379	+3.95971
14	+21,665.161	+72,004.784	+3.32353
15	+22,443.886	+62,631.009	+2.79056
16	+22,825.132	+66,383.132	+2.90834
17	+23,784.286	+54,834.927	+2.30551
18	+25,070.569	+52,710.564	+2.10249
19	+26,631.034	+48,668.034	+1.82749
20	+27,655.785	+54,060.937	+1.95478
21	+28,299.486	+70,659.031	+2.49683
22	+28,496.103	+75,220.037	+2.63966
23	+28,879.650	+88,003.780	+3.04726
24	+29,166.598	+84,477.916	+2.89639
25	+28,976.997	+70,121.383	+2.41990
26	+28,990.041	+67,132.096	+2.31570
27	+28,542.315	+61,002.179	+2.13725
28	+27,943.372	+57,233.537	+2.04820
29	+27,663.012	+54,232.970	+1.96049
30	+27,273.678	+46,011.888	+1.68704
31	+27,147.143	+45,056.676	+1.65972
32	+27,429.007	+44,586.055	+1.62551
33	+27,989.868	+40,415.028	+1.44392
34	+28,905.887	+44,087.065	+1.52519
35	+29,789.672	+51,375.414	+1.72460
36	+30,919.294	+64,769.503	+2.09479
37	+31,478.814	+64,114.626	+2.03675
38	+32,368.600	+65,552.017	+2.02517
39	+32,018.365	+67,682.473	+2.11386
40	+30,947.453	+69,837.569	+2.25665
41	+30,006.484	+82,705.726	+2.75626
42	+28,858.578	+61,965.144	+2.14720

43	+27,948.681	+59,797.357	+2.13954
44	+26,449.592	+66,212.471	+2.50335
45	+25,721.540	+81,305.887	+3.16100
46	+24,335.790	+59,478.560	+2.44408
47	+22,075.326	+52,275.272	+2.36804
48	+21,131.443	+68,473.000	+3.24034

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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	+0.01690	+41,797.16	+13,381.457	+11,477.500	+0.000	+0.000
02	+0.01655	+34,901.40	+13,104.326	+16,993.500	+0.000	+0.000
03	+0.01639	+31,437.75	+12,977.638	+17,977.000	+0.000	+0.000
04	+0.01639	+34,029.77	+12,977.638	+17,977.000	+0.000	+0.000
05	+0.01618	+33,365.88	+12,811.359	+19,236.870	+0.000	+0.000
06	+0.01627	+44,514.70	+12,882.622	+19,236.870	+0.000	+0.000
07	+0.01603	+37,911.34	+12,692.589	+17,412.000	+0.000	+0.000
08	+0.01580	+37,877.69	+12,510.474	+17,412.000	+0.000	+0.000
09	+0.01595	+43,064.13	+12,629.245	+17,420.000	+0.000	+0.000
10	+0.01605	+62,489.08	+12,708.425	+17,420.000	+0.000	+0.000
11	+0.01630	+63,772.34	+12,906.376	+18,236.620	+0.000	+0.000
12	+0.01645	+63,883.27	+13,025.146	+18,236.620	+0.000	+0.000
13	+0.01683	+34,639.57	+13,326.031	+17,185.250	+0.000	+0.000
14	+0.01778	+23,823.85	+14,078.243	+17,185.250	+0.000	+0.000
15	+0.01842	+32,491.12	+14,584.996	-1,971.500	+0.000	+0.000
16	+0.01874	+35,685.39	+14,838.373	-1,971.500	+0.000	+0.000
17	+0.01952	+22,975.32	+15,455.979	-2,169.400	+0.000	+0.000
18	+0.02058	+19,003.07	+16,295.289	-2,169.400	+0.000	+0.000
19	+0.02186	+10,559.73	+17,308.796	+0.000	+0.000	+0.000
20	+0.02270	+14,488.27	+17,973.910	+0.000	+0.000	+0.000
21	+0.02323	+30,162.42	+18,393.565	+0.000	+0.000	+0.000
22	+0.02339	+29,190.92	+18,520.253	+5,253.580	+0.000	+0.000
23	+0.02371	+41,416.81	+18,773.630	+5,253.580	+0.000	+0.000
24	+0.02394	+37,489.99	+18,955.744	+5,253.580	+0.000	+0.000
25	+0.02379	+23,394.95	+18,836.974	+5,253.580	+0.000	+0.000
26	+0.02380	+20,388.23	+18,844.892	+5,253.580	+0.000	+0.000
27	+0.02343	+20,387.41	+18,551.925	-230.500	+0.000	+0.000
28	+0.02294	+17,472.98	+18,163.942	-230.500	+0.000	+0.000
29	+0.02271	+14,818.12	+17,981.828	-175.250	+0.000	+0.000
30	+0.02239	+7,154.89	+17,728.451	-175.250	+0.000	+0.000
31	+0.02228	+6,560.44	+17,641.353	-344.250	+0.000	+0.000
32	+0.02252	+5,671.43	+17,831.385	-344.250	+0.000	+0.000
33	+0.02298	+354.24	+18,195.614	+0.000	+0.000	+0.000
34	+0.02373	+2,718.81	+18,789.466	+0.000	+0.000	+0.000
35	+0.02445	+8,751.99	+19,359.563	+0.000	+0.000	+0.000
36	+0.02538	+15,271.24	+20,095.939	+5,253.580	+0.000	+0.000
37	+0.02584	+13,814.45	+20,460.168	+5,253.580	+0.000	+0.000
38	+0.02657	+13,979.24	+21,038.184	+5,253.580	+0.000	+0.000
39	+0.02628	+16,615.25	+20,808.561	+5,253.580	+0.000	+0.000
40	+0.02540	+20,304.44	+20,111.775	+5,253.580	+0.000	+0.000
41	+0.02463	+39,768.51	+19,502.088	+0.000	+0.000	+0.000
42	+0.02369	+20,666.62	+18,757.794	+0.000	+0.000	+0.000

43	+0.02294	+19,806.30	+18,163.942	+ .000	+ .000	+ .000
44	+0.02171	+28,365.66	+17,190.025	+ .000	+ .000	+ .000
45	+0.02111	+44,505.05	+16,714.944	+ .000	+ .000	+ .000
46	+0.01998	+24,647.64	+15,820.208	+ .000	+ .000	+ .000
47	+0.01812	+10,220.62	+14,347.456	+10,466.250	+ .000	+ .000
48	+0.01735	+27,760.68	+13,737.768	+10,466.250	+ .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	+2,083.562	+0.000	+13,926.801	+0.000	+0.000
02	+0.000	+2,040.411	+0.000	+13,638.376	+0.000	+0.000
03	+0.000	+2,020.685	+0.000	+13,506.524	+0.000	+0.000
04	+0.000	+2,020.685	+0.000	+13,506.524	+0.000	+0.000
05	+0.000	+1,994.795	+0.000	+13,333.469	+0.000	+0.000
06	+0.000	+2,005.890	+0.000	+13,407.636	+0.000	+0.000
07	+0.000	+1,976.301	+0.000	+13,209.859	+0.000	+0.000
08	+0.000	+1,947.945	+0.000	+13,020.322	+0.000	+0.000
09	+0.000	+1,966.438	+0.000	+13,143.933	+0.000	+0.000
10	+0.000	+1,978.767	+0.000	+13,226.340	+0.000	+0.000
11	+0.000	+2,009.589	+0.000	+13,432.358	+0.000	+0.000
12	+0.000	+2,028.082	+0.000	+13,555.969	+0.000	+0.000
13	+0.000	+2,074.932	+0.000	+13,869.116	+0.000	+0.000
14	+0.000	+2,192.055	+0.000	+14,651.983	+0.000	+0.000
15	+0.000	+2,270.959	+0.000	+15,179.389	+0.000	+0.000
16	+0.000	+2,310.411	+0.000	+15,443.091	+0.000	+0.000
17	+0.000	+2,406.575	+0.000	+16,085.867	+0.000	+0.000
18	+0.000	+2,537.260	+0.000	+16,959.382	+0.000	+0.000
19	+0.000	+2,695.068	+0.000	+18,014.193	+0.000	+0.000
20	+0.000	+2,798.630	+0.000	+18,706.413	+0.000	+0.000
21	+0.000	+2,863.973	+0.000	+19,143.170	+0.000	+0.000
22	+0.000	+2,883.699	+0.000	+19,275.022	+0.000	+0.000
23	+0.000	+2,923.151	+0.000	+19,538.724	+0.000	+0.000
24	+0.000	+2,951.507	+0.000	+19,728.261	+0.000	+0.000
25	+0.000	+2,933.014	+0.000	+19,604.650	+0.000	+0.000
26	+0.000	+2,934.247	+0.000	+19,612.891	+0.000	+0.000
27	+0.000	+2,888.630	+0.000	+19,307.984	+0.000	+0.000
28	+0.000	+2,828.219	+0.000	+18,904.190	+0.000	+0.000
29	+0.000	+2,799.863	+0.000	+18,714.653	+0.000	+0.000
30	+0.000	+2,760.411	+0.000	+18,450.951	+0.000	+0.000
31	+0.000	+2,746.849	+0.000	+18,360.303	+0.000	+0.000
32	+0.000	+2,776.438	+0.000	+18,558.080	+0.000	+0.000
33	+0.000	+2,833.151	+0.000	+18,937.152	+0.000	+0.000
34	+0.000	+2,925.616	+0.000	+19,555.206	+0.000	+0.000
35	+0.000	+3,014.384	+0.000	+20,148.537	+0.000	+0.000
36	+0.000	+3,129.041	+0.000	+20,914.923	+0.000	+0.000
37	+0.000	+3,185.753	+0.000	+21,293.996	+0.000	+0.000
38	+0.000	+3,275.753	+0.000	+21,895.568	+0.000	+0.000
39	+0.000	+3,240.000	+0.000	+21,656.587	+0.000	+0.000
40	+0.000	+3,131.507	+0.000	+20,931.404	+0.000	+0.000
41	+0.000	+3,036.575	+0.000	+20,296.870	+0.000	+0.000
42	+0.000	+2,920.685	+0.000	+19,522.243	+0.000	+0.000

43	+.000	+2,828.219	+.000	+18,904.190	+.000	+.000
44	+.000	+2,676.575	+.000	+17,890.582	+.000	+.000
45	+.000	+2,602.603	+.000	+17,396.140	+.000	+.000
46	+.000	+2,463.288	+.000	+16,464.939	+.000	+.000
47	+.000	+2,233.973	+.000	+14,932.167	+.000	+.000
48	+.000	+2,139.041	+.000	+14,297.633	+.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	+69.770	+0.000	+0.000	+0.000	+0.000	+82,736.249
02	+68.325	+0.000	+0.000	+0.000	+0.000	+80,746.338
03	+67.665	+0.000	+0.000	+0.000	+0.000	+77,987.262
04	+67.665	+0.000	+0.000	+0.000	+0.000	+80,579.282
05	+66.798	+0.000	+0.000	+0.000	+0.000	+80,809.171
06	+67.169	+0.000	+0.000	+0.000	+0.000	+92,114.887
07	+66.179	+0.000	+0.000	+0.000	+0.000	+83,268.268
08	+65.229	+0.000	+0.000	+0.000	+0.000	+82,833.661
09	+65.848	+0.000	+0.000	+0.000	+0.000	+88,289.595
10	+66.261	+0.000	+0.000	+0.000	+0.000	+107,888.873
11	+67.293	+0.000	+0.000	+0.000	+0.000	+110,424.576
12	+67.913	+0.000	+0.000	+0.000	+0.000	+110,796.999
13	+69.481	+0.000	+0.000	+0.000	+0.000	+81,164.379
14	+73.403	+0.000	+0.000	+0.000	+0.000	+72,004.784
15	+76.045	+0.000	+0.000	+0.000	+0.000	+62,631.009
16	+77.367	+0.000	+0.000	+0.000	+0.000	+66,383.132
17	+80.587	+0.000	+0.000	+0.000	+0.000	+54,834.927
18	+84.963	+0.000	+0.000	+0.000	+0.000	+52,710.564
19	+90.247	+0.000	+0.000	+0.000	+0.000	+48,668.034
20	+93.715	+0.000	+0.000	+0.000	+0.000	+54,060.937
21	+95.903	+0.000	+0.000	+0.000	+0.000	+70,659.031
22	+96.564	+0.000	+0.000	+0.000	+0.000	+75,220.037
23	+97.885	+0.000	+0.000	+0.000	+0.000	+88,003.780
24	+98.834	+0.000	+0.000	+0.000	+0.000	+84,477.916
25	+98.215	+0.000	+0.000	+0.000	+0.000	+70,121.383
26	+98.256	+0.000	+0.000	+0.000	+0.000	+67,132.096
27	+96.729	+0.000	+0.000	+0.000	+0.000	+61,002.179
28	+94.706	+0.000	+0.000	+0.000	+0.000	+57,233.537
29	+93.756	+0.000	+0.000	+0.000	+0.000	+54,232.970
30	+92.435	+0.000	+0.000	+0.000	+0.000	+46,011.888
31	+91.981	+0.000	+0.000	+0.000	+0.000	+45,056.676
32	+92.972	+0.000	+0.000	+0.000	+0.000	+44,586.055
33	+94.871	+0.000	+0.000	+0.000	+0.000	+40,415.028
34	+97.967	+0.000	+0.000	+0.000	+0.000	+44,087.065
35	+100.940	+0.000	+0.000	+0.000	+0.000	+51,375.414
36	+104.779	+0.000	+0.000	+0.000	+0.000	+64,769.503
37	+106.678	+0.000	+0.000	+0.000	+0.000	+64,114.626
38	+109.692	+0.000	+0.000	+0.000	+0.000	+65,552.017
39	+108.495	+0.000	+0.000	+0.000	+0.000	+67,682.473
40	+104.862	+0.000	+0.000	+0.000	+0.000	+69,837.569
41	+101.683	+0.000	+0.000	+0.000	+0.000	+82,705.726
42	+97.802	+0.000	+0.000	+0.000	+0.000	+61,965.144



43	+94.706	+.000	+.000	+.000	+.000	+59,797.357
44	+89.628	+.000	+.000	+.000	+.000	+66,212.471
45	+87.151	+.000	+.000	+.000	+.000	+81,305.887
46	+82.486	+.000	+.000	+.000	+.000	+59,478.560
47	+74.807	+.000	+.000	+.000	+.000	+52,275.272
48	+71.628	+.000	+.000	+.000	+.000	+68,473.000