

Date: 16/10/2019

Settlement Day:23/09/2019

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: 176

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+625,072.740	+259,803,049.150
Balancing Services Contract Cost	+940,891.005	+157,855,069.709
Balancing Services Cost Variable	+1,122,035.710	+66,897,179.805
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	+20,270,079.340
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+145,036,503.040
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+726,601.920
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	+145,036,503.040
Total External Costs	+2,812,645.915	+512,551,979.924
Total Adjusted Energy Volume (MWh)	+1,282,876.999	

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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	+19,112.339	+79,597.427	+4.16471
02	+18,848.982	+73,909.869	+3.92116
03	+18,639.643	+65,762.872	+3.52812
04	+18,525.087	+60,381.877	+3.25947
05	+18,561.802	+63,464.435	+3.41909
06	+18,417.114	+63,790.088	+3.46363
07	+18,220.123	+63,503.401	+3.48534
08	+18,537.719	+65,613.493	+3.53946
09	+18,814.015	+64,763.967	+3.44233
10	+18,850.959	+63,298.719	+3.35785
11	+19,316.301	+64,419.154	+3.33496
12	+20,546.517	+51,705.038	+2.51649
13	+23,751.860	+100,853.583	+4.24613
14	+26,092.474	+104,588.867	+4.00839
15	+28,827.946	+62,729.943	+2.17601
16	+29,895.149	+83,779.358	+2.80244
17	+30,046.744	+75,009.811	+2.49644
18	+30,009.583	+71,318.363	+2.37652
19	+29,766.400	+79,249.267	+2.66237
20	+29,222.342	+70,932.552	+2.42734
21	+28,957.970	+78,181.304	+2.69982
22	+28,977.282	+76,543.626	+2.64150
23	+29,097.238	+63,902.321	+2.19616
24	+29,003.262	+69,361.978	+2.39152
25	+29,069.269	+63,404.759	+2.18116
26	+28,913.813	+63,914.736	+2.21053
27	+28,610.720	+71,086.090	+2.48460
28	+28,729.289	+74,530.374	+2.59423
29	+29,024.752	+72,085.654	+2.48359
30	+29,036.388	+75,043.630	+2.58447
31	+29,313.774	+64,001.904	+2.18334
32	+30,351.095	+69,449.597	+2.28821
33	+31,294.924	+67,307.581	+2.15075
34	+32,205.364	+70,999.733	+2.20459
35	+32,970.129	+80,055.009	+2.42811
36	+33,344.843	+79,170.735	+2.37430
37	+33,546.109	+94,627.792	+2.82083
38	+33,587.567	+85,879.441	+2.55688
39	+34,009.970	+97,353.791	+2.86251
40	+33,529.539	+88,048.826	+2.62601
41	+32,497.249	+91,544.023	+2.81698
42	+31,043.014	+70,078.146	+2.25745

43	+29,389.146	+66,506.411	+2.26296
44	+27,598.443	+76,571.009	+2.77447
45	+26,027.021	+81,370.947	+3.12640
46	+24,538.647	+88,257.651	+3.59668
47	+22,748.152	+108,054.659	+4.75004
48	+21,458.931	+120,675.350	+5.62355

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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	+0.01490	+24,303.64	+14,019.276	+27,138.620	+0.000	+0.000
02	+0.01469	+19,012.90	+13,821.689	+27,138.620	+0.000	+0.000
03	+0.01453	+9,841.11	+13,671.146	+28,465.750	+0.000	+0.000
04	+0.01444	+4,630.18	+13,586.466	+28,465.750	+0.000	+0.000
05	+0.01447	+5,447.55	+13,614.693	+30,674.250	+0.000	+0.000
06	+0.01436	+5,981.06	+13,511.195	+30,674.250	+0.000	+0.000
07	+0.01420	+5,619.21	+13,360.652	+31,051.750	+0.000	+0.000
08	+0.01445	+7,256.90	+13,595.875	+31,051.750	+0.000	+0.000
09	+0.01467	+7,902.41	+13,802.871	+29,141.000	+0.000	+0.000
10	+0.01469	+6,399.37	+13,821.689	+29,141.000	+0.000	+0.000
11	+0.01506	+692.65	+14,169.819	+35,269.000	+0.000	+0.000
12	+0.01602	-6,230.49	+15,073.074	+27,664.000	+0.000	+0.000
13	+0.01851	-12,658.89	+17,415.893	+78,535.820	+0.000	+0.000
14	+0.02034	-12,381.59	+19,137.723	+78,535.820	+0.000	+0.000
15	+0.02247	+15,007.05	+21,141.821	+5,263.390	+0.000	+0.000
16	+0.02330	+34,488.09	+21,922.760	+5,263.390	+0.000	+0.000
17	+0.02342	+25,491.79	+22,035.667	+5,263.390	+0.000	+0.000
18	+0.02339	+21,857.03	+22,007.441	+5,263.390	+0.000	+0.000
19	+0.02320	+30,146.96	+21,828.671	+5,263.390	+0.000	+0.000
20	+0.02278	+22,623.88	+21,433.497	+5,263.390	+0.000	+0.000
21	+0.02257	+30,269.45	+21,235.910	+5,263.390	+0.000	+0.000
22	+0.02259	+28,593.98	+21,254.728	+5,263.390	+0.000	+0.000
23	+0.02268	+15,782.61	+21,339.408	+5,263.390	+0.000	+0.000
24	+0.02261	+21,374.54	+21,273.546	+5,263.390	+0.000	+0.000
25	+0.02266	+15,322.84	+21,320.590	+5,263.390	+0.000	+0.000
26	+0.02254	+16,059.57	+21,207.683	+5,263.390	+0.000	+0.000
27	+0.02230	+5,950.37	+20,981.869	+22,997.450	+0.000	+0.000
28	+0.02239	+9,224.59	+21,066.550	+22,997.450	+0.000	+0.000
29	+0.02262	-613.74	+21,282.955	+29,956.450	+0.000	+0.000
30	+0.02263	+2,325.34	+21,292.363	+29,956.450	+0.000	+0.000
31	+0.02285	-3,992.23	+21,499.359	+24,816.580	+0.000	+0.000
32	+0.02366	-75.12	+22,261.481	+24,816.580	+0.000	+0.000
33	+0.02439	+4,336.88	+22,948.332	+16,883.150	+0.000	+0.000
34	+0.02510	+6,687.41	+23,616.364	+16,883.150	+0.000	+0.000
35	+0.02570	+8,667.70	+24,180.899	+22,824.370	+0.000	+0.000
36	+0.02599	+7,235.44	+24,453.757	+22,824.370	+0.000	+0.000
37	+0.02615	+11,822.12	+24,604.300	+33,392.410	+0.000	+0.000
38	+0.02618	+3,017.08	+24,632.527	+33,392.410	+0.000	+0.000
39	+0.02651	+30,955.93	+24,943.021	+16,304.340	+0.000	+0.000
40	+0.02614	+22,350.12	+24,594.891	+16,304.340	+0.000	+0.000
41	+0.02533	+8,755.75	+23,832.769	+34,924.490	+0.000	+0.000
42	+0.02420	-5,311.48	+22,769.562	+29,661.100	+0.000	+0.000

43	+0.02291	-1,751.39	+21,555.813	+24,966.870	+.000	+.000
44	+0.02151	+10,958.66	+20,238.566	+24,966.870	+.000	+.000
45	+0.02029	+20,998.88	+19,090.678	+22,031.910	+.000	+.000
46	+0.01913	+30,077.53	+17,999.245	+22,031.910	+.000	+.000
47	+0.01773	+48,054.40	+16,681.998	+26,497.500	+.000	+.000
48	+0.01673	+62,564.70	+15,741.107	+26,497.500	+.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	+1,795.719	+0.000	+12,278.658	+0.000	+0.000
02	+0.000	+1,770.410	+0.000	+12,105.604	+0.000	+0.000
03	+0.000	+1,751.127	+0.000	+11,973.752	+0.000	+0.000
04	+0.000	+1,740.280	+0.000	+11,899.586	+0.000	+0.000
05	+0.000	+1,743.896	+0.000	+11,924.308	+0.000	+0.000
06	+0.000	+1,730.639	+0.000	+11,833.660	+0.000	+0.000
07	+0.000	+1,711.356	+0.000	+11,701.809	+0.000	+0.000
08	+0.000	+1,741.486	+0.000	+11,907.827	+0.000	+0.000
09	+0.000	+1,768.000	+0.000	+12,089.122	+0.000	+0.000
10	+0.000	+1,770.410	+0.000	+12,105.604	+0.000	+0.000
11	+0.000	+1,815.002	+0.000	+12,410.510	+0.000	+0.000
12	+0.000	+1,930.699	+0.000	+13,201.618	+0.000	+0.000
13	+0.000	+2,230.789	+0.000	+15,253.555	+0.000	+0.000
14	+0.000	+2,451.337	+0.000	+16,761.605	+0.000	+0.000
15	+0.000	+2,708.040	+0.000	+18,516.876	+0.000	+0.000
16	+0.000	+2,808.070	+0.000	+19,200.855	+0.000	+0.000
17	+0.000	+2,822.532	+0.000	+19,299.744	+0.000	+0.000
18	+0.000	+2,818.917	+0.000	+19,275.022	+0.000	+0.000
19	+0.000	+2,796.019	+0.000	+19,118.448	+0.000	+0.000
20	+0.000	+2,745.401	+0.000	+18,772.338	+0.000	+0.000
21	+0.000	+2,720.092	+0.000	+18,599.283	+0.000	+0.000
22	+0.000	+2,722.503	+0.000	+18,615.765	+0.000	+0.000
23	+0.000	+2,733.349	+0.000	+18,689.931	+0.000	+0.000
24	+0.000	+2,724.913	+0.000	+18,632.246	+0.000	+0.000
25	+0.000	+2,730.939	+0.000	+18,673.450	+0.000	+0.000
26	+0.000	+2,716.477	+0.000	+18,574.561	+0.000	+0.000
27	+0.000	+2,687.552	+0.000	+18,376.784	+0.000	+0.000
28	+0.000	+2,698.399	+0.000	+18,450.951	+0.000	+0.000
29	+0.000	+2,726.118	+0.000	+18,640.487	+0.000	+0.000
30	+0.000	+2,727.323	+0.000	+18,648.728	+0.000	+0.000
31	+0.000	+2,753.837	+0.000	+18,830.023	+0.000	+0.000
32	+0.000	+2,851.457	+0.000	+19,497.521	+0.000	+0.000
33	+0.000	+2,939.435	+0.000	+20,099.093	+0.000	+0.000
34	+0.000	+3,025.003	+0.000	+20,684.183	+0.000	+0.000
35	+0.000	+3,097.314	+0.000	+21,178.626	+0.000	+0.000
36	+0.000	+3,132.264	+0.000	+21,417.606	+0.000	+0.000
37	+0.000	+3,151.547	+0.000	+21,549.458	+0.000	+0.000
38	+0.000	+3,155.162	+0.000	+21,574.180	+0.000	+0.000
39	+0.000	+3,194.933	+0.000	+21,846.123	+0.000	+0.000
40	+0.000	+3,150.342	+0.000	+21,541.217	+0.000	+0.000
41	+0.000	+3,052.722	+0.000	+20,873.719	+0.000	+0.000
42	+0.000	+2,916.537	+0.000	+19,942.519	+0.000	+0.000

43	+.000	+2,761.068	+.000	+18,879.468	+.000	+.000
44	+.000	+2,592.343	+.000	+17,725.768	+.000	+.000
45	+.000	+2,445.311	+.000	+16,720.401	+.000	+.000
46	+.000	+2,305.510	+.000	+15,764.479	+.000	+.000
47	+.000	+2,136.785	+.000	+14,610.780	+.000	+.000
48	+.000	+2,016.267	+.000	+13,786.708	+.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	+61.513	+0.000	+0.000	+0.000	+0.000	+79,597.427
02	+60.646	+0.000	+0.000	+0.000	+0.000	+73,909.869
03	+59.986	+0.000	+0.000	+0.000	+0.000	+65,762.872
04	+59.614	+0.000	+0.000	+0.000	+0.000	+60,381.877
05	+59.738	+0.000	+0.000	+0.000	+0.000	+63,464.435
06	+59.284	+0.000	+0.000	+0.000	+0.000	+63,790.088
07	+58.624	+0.000	+0.000	+0.000	+0.000	+63,503.401
08	+59.656	+0.000	+0.000	+0.000	+0.000	+65,613.493
09	+60.564	+0.000	+0.000	+0.000	+0.000	+64,763.967
10	+60.646	+0.000	+0.000	+0.000	+0.000	+63,298.719
11	+62.174	+0.000	+0.000	+0.000	+0.000	+64,419.154
12	+66.137	+0.000	+0.000	+0.000	+0.000	+51,705.038
13	+76.417	+0.000	+0.000	+0.000	+0.000	+100,853.583
14	+83.972	+0.000	+0.000	+0.000	+0.000	+104,588.867
15	+92.766	+0.000	+0.000	+0.000	+0.000	+62,729.943
16	+96.192	+0.000	+0.000	+0.000	+0.000	+83,779.358
17	+96.688	+0.000	+0.000	+0.000	+0.000	+75,009.811
18	+96.564	+0.000	+0.000	+0.000	+0.000	+71,318.363
19	+95.779	+0.000	+0.000	+0.000	+0.000	+79,249.267
20	+94.045	+0.000	+0.000	+0.000	+0.000	+70,932.552
21	+93.178	+0.000	+0.000	+0.000	+0.000	+78,181.304
22	+93.261	+0.000	+0.000	+0.000	+0.000	+76,543.626
23	+93.633	+0.000	+0.000	+0.000	+0.000	+63,902.321
24	+93.344	+0.000	+0.000	+0.000	+0.000	+69,361.978
25	+93.550	+0.000	+0.000	+0.000	+0.000	+63,404.759
26	+93.055	+0.000	+0.000	+0.000	+0.000	+63,914.736
27	+92.064	+0.000	+0.000	+0.000	+0.000	+71,086.090
28	+92.435	+0.000	+0.000	+0.000	+0.000	+74,530.374
29	+93.385	+0.000	+0.000	+0.000	+0.000	+72,085.654
30	+93.426	+0.000	+0.000	+0.000	+0.000	+75,043.630
31	+94.334	+0.000	+0.000	+0.000	+0.000	+64,001.904
32	+97.678	+0.000	+0.000	+0.000	+0.000	+69,449.597
33	+100.692	+0.000	+0.000	+0.000	+0.000	+67,307.581
34	+103.623	+0.000	+0.000	+0.000	+0.000	+70,999.733
35	+106.100	+0.000	+0.000	+0.000	+0.000	+80,055.009
36	+107.298	+0.000	+0.000	+0.000	+0.000	+79,170.735
37	+107.958	+0.000	+0.000	+0.000	+0.000	+94,627.792
38	+108.082	+0.000	+0.000	+0.000	+0.000	+85,879.441
39	+109.444	+0.000	+0.000	+0.000	+0.000	+97,353.791
40	+107.917	+0.000	+0.000	+0.000	+0.000	+88,048.826
41	+104.573	+0.000	+0.000	+0.000	+0.000	+91,544.023
42	+99.908	+0.000	+0.000	+0.000	+0.000	+70,078.146



43	+94.582	+.000	+.000	+.000	+.000	+66,506.411
44	+88.802	+.000	+.000	+.000	+.000	+76,571.009
45	+83.766	+.000	+.000	+.000	+.000	+81,370.947
46	+78.977	+.000	+.000	+.000	+.000	+88,257.651
47	+73.197	+.000	+.000	+.000	+.000	+108,054.659
48	+69.068	+.000	+.000	+.000	+.000	+120,675.350