

Date: 04/10/2019

Settlement Day:11/09/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 164

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+4,649,321.500	+239,778,655.060
Balancing Services Contract Cost	+1,109,752.635	+144,697,704.059
Balancing Services Cost Variable	+663,563.490	+58,502,287.345
ESO Incentive Recovery Costs	+40,983.610	+6,721,312.040
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+117,761.640	+18,863,101.760
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+135,147,650.560
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+677,060.880
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	+135,147,650.560
Total External Costs	+6,585,511.295	+469,240,121.144
Total Adjusted Energy Volume (MWh)	+1,170,773.519	

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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	+18,914.310	+222,932.319	+11.78644
02	+18,412.596	+221,742.639	+12.04299
03	+18,502.317	+227,604.648	+12.30141
04	+18,872.580	+230,524.711	+12.21480
05	+18,731.474	+233,272.638	+12.45351
06	+18,650.379	+229,874.439	+12.32546
07	+18,809.670	+230,638.416	+12.26169
08	+18,995.923	+230,860.638	+12.15317
09	+19,310.035	+216,984.079	+11.23686
10	+19,200.616	+229,224.496	+11.93839
11	+19,479.821	+241,889.644	+12.41745
12	+19,588.627	+251,597.787	+12.84407
13	+21,146.779	+237,662.464	+11.23871
14	+23,359.901	+229,555.192	+9.82689
15	+25,209.621	+163,704.804	+6.49374
16	+26,308.874	+177,656.379	+6.75272
17	+26,860.928	+148,612.517	+5.53267
18	+26,825.774	+123,286.586	+4.59583
19	+27,176.388	+117,881.905	+4.33766
20	+27,049.708	+137,294.059	+5.07562
21	+26,598.021	+140,214.964	+5.27163
22	+26,432.576	+132,762.366	+5.02268
23	+26,279.465	+141,484.195	+5.38383
24	+26,224.248	+151,443.891	+5.77496
25	+26,126.821	+139,786.675	+5.35031
26	+25,825.433	+134,850.333	+5.22161
27	+25,590.221	+128,113.814	+5.00636
28	+25,408.629	+131,187.392	+5.16310
29	+25,209.048	+138,620.254	+5.49883
30	+24,992.550	+136,552.758	+5.46374
31	+25,166.672	+149,204.863	+5.92867
32	+25,945.348	+141,001.433	+5.43456
33	+26,320.742	+115,935.236	+4.40471
34	+27,352.525	+119,802.700	+4.37995
35	+28,080.846	+122,024.142	+4.34546
36	+28,524.315	+120,217.507	+4.21456
37	+28,693.159	+118,860.122	+4.14246
38	+28,820.577	+109,458.299	+3.79792
39	+29,014.559	+108,328.160	+3.73358
40	+29,619.252	+108,168.853	+3.65198
41	+29,926.422	+110,113.284	+3.67947
42	+28,926.417	+95,077.221	+3.28686

43	+27,906.724	+91,599.095	+3.28233
44	+26,295.741	+82,356.802	+3.13194
45	+25,075.452	+78,303.087	+3.12270
46	+23,124.247	+90,647.583	+3.92002
47	+21,599.237	+91,326.006	+4.22821
48	+20,287.951	+79,361.905	+3.91178

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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	+0.01616	+161,539.12	+17,933.603	+27,510.570	+662.295	+0.000
02	+0.01573	+161,251.02	+17,456.409	+27,510.570	+644.672	+0.000
03	+0.01580	+166,830.11	+17,534.092	+27,646.720	+647.541	+0.000
04	+0.01612	+169,079.23	+17,889.212	+27,646.720	+660.656	+0.000
05	+0.01600	+167,972.83	+17,756.042	+31,752.650	+655.738	+0.000
06	+0.01593	+164,721.40	+17,678.359	+31,752.650	+652.869	+0.000
07	+0.01607	+164,148.50	+17,833.725	+32,795.990	+658.607	+0.000
08	+0.01623	+164,035.25	+18,011.285	+32,795.990	+665.164	+0.000
09	+0.01649	+143,275.82	+18,299.821	+39,133.720	+675.820	+0.000
10	+0.01640	+155,704.94	+18,199.943	+39,133.720	+672.131	+0.000
11	+0.01664	+155,257.33	+18,466.284	+51,743.270	+681.967	+0.000
12	+0.01673	+164,776.77	+18,566.162	+51,743.270	+685.656	+0.000
13	+0.01806	+150,067.67	+20,042.133	+49,728.440	+740.164	+0.000
14	+0.01995	+132,911.93	+22,139.565	+54,814.150	+817.623	+0.000
15	+0.02153	+102,409.09	+23,892.974	+16,153.820	+882.377	+0.000
16	+0.02247	+114,389.77	+24,936.142	+16,153.820	+920.902	+0.000
17	+0.02294	+102,535.53	+25,457.725	-2,021.250	+940.164	+0.000
18	+0.02291	+76,630.50	+25,424.433	-1,379.250	+938.935	+0.000
19	+0.02321	+69,815.06	+25,757.359	-597.500	+951.230	+0.000
20	+0.02310	+89,457.85	+25,635.286	-597.500	+946.721	+0.000
21	+0.02272	+89,744.23	+25,213.580	+2,833.770	+931.148	+0.000
22	+0.02258	+82,585.17	+25,058.214	+2,833.770	+925.410	+0.000
23	+0.02245	+89,325.06	+24,913.947	+5,088.280	+920.082	+0.000
24	+0.02240	+99,389.59	+24,858.459	+5,088.280	+918.033	+0.000
25	+0.02232	+92,793.99	+24,769.679	+194.400	+914.754	+0.000
26	+0.02206	+88,402.79	+24,481.143	+194.400	+904.098	+0.000
27	+0.02186	+87,153.32	+24,259.193	-4,873.310	+895.902	+0.000
28	+0.02170	+90,562.37	+24,081.632	-4,873.310	+889.344	+0.000
29	+0.02153	+94,699.20	+23,892.974	-1,220.840	+882.377	+0.000
30	+0.02135	+93,009.11	+23,693.219	-1,220.840	+875.000	+0.000
31	+0.02150	+97,876.61	+23,859.682	+6,249.260	+881.148	+0.000
32	+0.02216	+88,289.36	+24,592.118	+6,249.260	+908.197	+0.000
33	+0.02248	+62,090.20	+24,947.239	+6,711.280	+921.312	+0.000
34	+0.02336	+64,112.57	+25,923.822	+6,711.280	+957.377	+0.000
35	+0.02398	+65,034.06	+26,611.868	+6,711.280	+982.787	+0.000
36	+0.02436	+62,430.68	+27,033.574	+6,711.280	+998.361	+0.000
37	+0.02451	+60,758.79	+27,200.037	+6,711.280	+1,004.508	+0.000
38	+0.02462	+51,126.33	+27,322.110	+6,711.280	+1,009.016	+0.000
39	+0.02478	+49,660.72	+27,499.670	+6,711.280	+1,015.574	+0.000
40	+0.02530	+48,411.13	+28,076.742	+6,711.280	+1,036.885	+0.000
41	+0.02556	+49,810.42	+28,365.277	+6,711.280	+1,047.541	+0.000
42	+0.02471	+36,556.55	+27,421.988	+6,711.280	+1,012.705	+0.000

43	+0.02384	+40,947.08	+26,456.503	+666.750	+977.049	+.000
44	+0.02246	+34,598.23	+24,925.044	+666.750	+920.492	+.000
45	+0.02142	+36,632.58	+23,770.901	-3,240.750	+877.869	+.000
46	+0.01975	+52,478.56	+21,917.615	-3,240.750	+809.426	+.000
47	+0.01845	+36,824.44	+20,474.936	+15,817.500	+756.148	+.000
48	+0.01733	+27,208.64	+19,232.013	+15,817.500	+710.246	+.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	+1,903.028	+0.000	+13,316.988	+0.000	+0.000
02	+0.000	+1,852.391	+0.000	+12,962.637	+0.000	+0.000
03	+0.000	+1,860.634	+0.000	+13,020.322	+0.000	+0.000
04	+0.000	+1,898.318	+0.000	+13,284.025	+0.000	+0.000
05	+0.000	+1,884.186	+0.000	+13,185.137	+0.000	+0.000
06	+0.000	+1,875.943	+0.000	+13,127.452	+0.000	+0.000
07	+0.000	+1,892.430	+0.000	+13,242.822	+0.000	+0.000
08	+0.000	+1,911.271	+0.000	+13,374.673	+0.000	+0.000
09	+0.000	+1,941.889	+0.000	+13,588.931	+0.000	+0.000
10	+0.000	+1,931.291	+0.000	+13,514.765	+0.000	+0.000
11	+0.000	+1,959.554	+0.000	+13,712.542	+0.000	+0.000
12	+0.000	+1,970.152	+0.000	+13,786.708	+0.000	+0.000
13	+0.000	+2,126.775	+0.000	+14,882.723	+0.000	+0.000
14	+0.000	+2,349.345	+0.000	+16,440.217	+0.000	+0.000
15	+0.000	+2,535.408	+0.000	+17,742.249	+0.000	+0.000
16	+0.000	+2,646.104	+0.000	+18,516.876	+0.000	+0.000
17	+0.000	+2,701.452	+0.000	+18,904.190	+0.000	+0.000
18	+0.000	+2,697.919	+0.000	+18,879.468	+0.000	+0.000
19	+0.000	+2,733.248	+0.000	+19,126.689	+0.000	+0.000
20	+0.000	+2,720.294	+0.000	+19,036.041	+0.000	+0.000
21	+0.000	+2,675.544	+0.000	+18,722.894	+0.000	+0.000
22	+0.000	+2,659.058	+0.000	+18,607.524	+0.000	+0.000
23	+0.000	+2,643.749	+0.000	+18,500.395	+0.000	+0.000
24	+0.000	+2,637.861	+0.000	+18,459.191	+0.000	+0.000
25	+0.000	+2,628.440	+0.000	+18,393.266	+0.000	+0.000
26	+0.000	+2,597.822	+0.000	+18,179.007	+0.000	+0.000
27	+0.000	+2,574.269	+0.000	+18,014.193	+0.000	+0.000
28	+0.000	+2,555.428	+0.000	+17,882.342	+0.000	+0.000
29	+0.000	+2,535.408	+0.000	+17,742.249	+0.000	+0.000
30	+0.000	+2,514.211	+0.000	+17,593.917	+0.000	+0.000
31	+0.000	+2,531.875	+0.000	+17,717.527	+0.000	+0.000
32	+0.000	+2,609.598	+0.000	+18,261.414	+0.000	+0.000
33	+0.000	+2,647.282	+0.000	+18,525.117	+0.000	+0.000
34	+0.000	+2,750.912	+0.000	+19,250.299	+0.000	+0.000
35	+0.000	+2,823.924	+0.000	+19,761.224	+0.000	+0.000
36	+0.000	+2,868.674	+0.000	+20,074.371	+0.000	+0.000
37	+0.000	+2,886.338	+0.000	+20,197.981	+0.000	+0.000
38	+0.000	+2,899.292	+0.000	+20,288.629	+0.000	+0.000
39	+0.000	+2,918.133	+0.000	+20,420.480	+0.000	+0.000
40	+0.000	+2,979.369	+0.000	+20,848.997	+0.000	+0.000
41	+0.000	+3,009.988	+0.000	+21,063.256	+0.000	+0.000
42	+0.000	+2,909.890	+0.000	+20,362.795	+0.000	+0.000

43	+.000	+2,807.437	+.000	+19,645.854	+.000	+.000
44	+.000	+2,644.926	+.000	+18,508.636	+.000	+.000
45	+.000	+2,522.454	+.000	+17,651.602	+.000	+.000
46	+.000	+2,325.792	+.000	+16,275.403	+.000	+.000
47	+.000	+2,172.702	+.000	+15,204.111	+.000	+.000
48	+.000	+2,040.809	+.000	+14,281.151	+.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	+66.715	+ .000	+ .000	+ .000	+ .000	+222,932.319
02	+64.940	+ .000	+ .000	+ .000	+ .000	+221,742.639
03	+65.229	+ .000	+ .000	+ .000	+ .000	+227,604.648
04	+66.550	+ .000	+ .000	+ .000	+ .000	+230,524.711
05	+66.055	+ .000	+ .000	+ .000	+ .000	+233,272.638
06	+65.766	+ .000	+ .000	+ .000	+ .000	+229,874.439
07	+66.344	+ .000	+ .000	+ .000	+ .000	+230,638.416
08	+67.004	+ .000	+ .000	+ .000	+ .000	+230,860.638
09	+68.078	+ .000	+ .000	+ .000	+ .000	+216,984.079
10	+67.706	+ .000	+ .000	+ .000	+ .000	+229,224.496
11	+68.697	+ .000	+ .000	+ .000	+ .000	+241,889.644
12	+69.068	+ .000	+ .000	+ .000	+ .000	+251,597.787
13	+74.559	+ .000	+ .000	+ .000	+ .000	+237,662.464
14	+82.362	+ .000	+ .000	+ .000	+ .000	+229,555.192
15	+88.885	+ .000	+ .000	+ .000	+ .000	+163,704.804
16	+92.766	+ .000	+ .000	+ .000	+ .000	+177,656.379
17	+94.706	+ .000	+ .000	+ .000	+ .000	+148,612.517
18	+94.582	+ .000	+ .000	+ .000	+ .000	+123,286.586
19	+95.821	+ .000	+ .000	+ .000	+ .000	+117,881.905
20	+95.367	+ .000	+ .000	+ .000	+ .000	+137,294.059
21	+93.798	+ .000	+ .000	+ .000	+ .000	+140,214.964
22	+93.220	+ .000	+ .000	+ .000	+ .000	+132,762.366
23	+92.683	+ .000	+ .000	+ .000	+ .000	+141,484.195
24	+92.477	+ .000	+ .000	+ .000	+ .000	+151,443.891
25	+92.146	+ .000	+ .000	+ .000	+ .000	+139,786.675
26	+91.073	+ .000	+ .000	+ .000	+ .000	+134,850.333
27	+90.247	+ .000	+ .000	+ .000	+ .000	+128,113.814
28	+89.587	+ .000	+ .000	+ .000	+ .000	+131,187.392
29	+88.885	+ .000	+ .000	+ .000	+ .000	+138,620.254
30	+88.142	+ .000	+ .000	+ .000	+ .000	+136,552.758
31	+88.761	+ .000	+ .000	+ .000	+ .000	+149,204.863
32	+91.486	+ .000	+ .000	+ .000	+ .000	+141,001.433
33	+92.807	+ .000	+ .000	+ .000	+ .000	+115,935.236
34	+96.440	+ .000	+ .000	+ .000	+ .000	+119,802.700
35	+99.000	+ .000	+ .000	+ .000	+ .000	+122,024.142
36	+100.568	+ .000	+ .000	+ .000	+ .000	+120,217.507
37	+101.188	+ .000	+ .000	+ .000	+ .000	+118,860.122
38	+101.642	+ .000	+ .000	+ .000	+ .000	+109,458.299
39	+102.302	+ .000	+ .000	+ .000	+ .000	+108,328.160
40	+104.449	+ .000	+ .000	+ .000	+ .000	+108,168.853
41	+105.522	+ .000	+ .000	+ .000	+ .000	+110,113.284
42	+102.013	+ .000	+ .000	+ .000	+ .000	+95,077.221



43	+98.422	+.000	+.000	+.000	+.000	+91,599.095
44	+92.724	+.000	+.000	+.000	+.000	+82,356.802
45	+88.431	+.000	+.000	+.000	+.000	+78,303.087
46	+81.536	+.000	+.000	+.000	+.000	+90,647.583
47	+76.169	+.000	+.000	+.000	+.000	+91,326.006
48	+71.546	+.000	+.000	+.000	+.000	+79,361.905