

Date: 26/07/2019

Settlement Day:03/04/2019

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: 3

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+3,559,045.980	+4,924,454.720
Balancing Services Contract Cost	+893,385.495	+2,821,316.251
Balancing Services Cost Variable	+106,824.005	+178,044.855
ESO Incentive Recovery Costs	+40,983.610	+122,950.830
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+91,866.756	+286,864.268
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+2,472,213.120
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+12,385.260
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	+2,472,213.120
Total External Costs	+4,696,234.266	+8,346,016.184
Total Adjusted Energy Volume (MWh)	+1,470,254.938	

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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	+23,510.275	+87,733.291	+3.73170
02	+22,823.621	+90,318.896	+3.95726
03	+23,079.782	+88,084.055	+3.81650
04	+23,696.745	+95,645.797	+4.03624
05	+23,773.296	+110,567.059	+4.65089
06	+23,774.587	+100,573.709	+4.23030
07	+24,200.626	+122,691.455	+5.06976
08	+24,067.320	+153,644.716	+6.38396
09	+24,182.674	+182,851.581	+7.56126
10	+24,097.003	+181,830.015	+7.54575
11	+24,879.047	+190,309.636	+7.64939
12	+26,184.273	+200,203.663	+7.64595
13	+28,251.150	+220,275.727	+7.79705
14	+30,425.261	+194,291.317	+6.38586
15	+33,764.241	+230,193.175	+6.81766
16	+34,877.806	+236,027.376	+6.76727
17	+34,910.759	+209,608.075	+6.00411
18	+34,517.173	+170,098.091	+4.92793
19	+34,527.029	+132,460.391	+3.83643
20	+34,833.261	+145,357.733	+4.17296
21	+34,345.308	+138,826.699	+4.04209
22	+34,199.121	+121,729.851	+3.55944
23	+33,746.557	+92,066.056	+2.72816
24	+33,612.770	+95,022.916	+2.82699
25	+33,608.072	+102,490.386	+3.04958
26	+33,488.689	+112,170.092	+3.34949
27	+32,750.080	+99,854.534	+3.04899
28	+32,309.150	+105,885.263	+3.27725
29	+31,938.133	+102,452.320	+3.20784
30	+31,679.621	+88,259.416	+2.78600
31	+31,256.529	+82,190.555	+2.62955
32	+31,804.302	+84,400.466	+2.65374
33	+32,423.733	+75,966.414	+2.34293
34	+33,255.933	+73,435.812	+2.20820
35	+33,814.752	+76,958.737	+2.27589
36	+34,547.416	+71,389.205	+2.06641
37	+35,233.624	+71,585.825	+2.03175
38	+35,423.506	+89,551.292	+2.52802
39	+35,217.224	+91,620.361	+2.60158
40	+35,340.414	+93,681.380	+2.65083
41	+35,778.440	+105,723.846	+2.95496
42	+34,708.715	+74,835.073	+2.15609

43	+33,510.277	+82,992.776	+2.47664
44	+31,890.889	+51,720.477	+1.62179
45	+30,741.736	+47,119.813	+1.53276
46	+28,627.136	+39,427.776	+1.37729
47	+26,136.151	+54,044.520	+2.06781
48	+24,490.731	+52,119.142	+2.12812

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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	+0.01599	+61,512.37	+14,285.234	-3,431.500	+655.328	+0.000
02	+0.01552	+64,969.56	+13,865.343	-3,431.500	+636.066	+0.000
03	+0.01570	+62,348.92	+14,026.152	-3,379.500	+643.443	+0.000
04	+0.01612	+69,131.80	+14,401.374	-3,379.500	+660.656	+0.000
05	+0.01617	+83,965.34	+14,446.043	-3,384.500	+662.705	+0.000
06	+0.01617	+73,971.99	+14,446.043	-3,384.500	+662.705	+0.000
07	+0.01646	+95,744.95	+14,705.125	-3,577.500	+674.590	+0.000
08	+0.01637	+126,865.11	+14,624.721	-3,577.500	+670.902	+0.000
09	+0.01645	+153,854.62	+14,696.191	-1,508.500	+674.180	+0.000
10	+0.01639	+152,944.32	+14,642.588	-1,508.500	+671.721	+0.000
11	+0.01692	+159,006.09	+15,116.083	-73.500	+693.443	+0.000
12	+0.01781	+167,249.67	+15,911.196	-73.500	+729.918	+0.000
13	+0.01922	+179,829.48	+17,170.869	+4,804.000	+787.705	+0.000
14	+0.02069	+151,119.05	+18,484.146	+4,804.000	+847.951	+0.000
15	+0.02296	+182,737.84	+20,512.131	+4,877.500	+940.984	+0.000
16	+0.02372	+187,162.67	+21,191.104	+4,877.500	+972.131	+0.000
17	+0.02374	+160,706.28	+21,208.972	+4,877.500	+972.951	+0.000
18	+0.02348	+121,678.45	+20,976.691	+4,877.500	+962.295	+0.000
19	+0.02348	+84,040.75	+20,976.691	+4,877.500	+962.295	+0.000
20	+0.02369	+96,548.66	+21,164.302	+4,877.500	+970.902	+0.000
21	+0.02336	+90,629.59	+20,869.485	+4,877.500	+957.377	+0.000
22	+0.02326	+72,856.26	+20,780.147	+5,739.425	+953.279	+0.000
23	+0.02295	+43,767.34	+20,503.197	+5,739.425	+940.574	+0.000
24	+0.02286	+46,891.10	+20,422.792	+5,739.425	+936.885	+0.000
25	+0.02286	+54,358.57	+20,422.792	+5,739.425	+936.885	+0.000
26	+0.02278	+64,186.63	+20,351.322	+5,739.425	+933.607	+0.000
27	+0.02228	+57,675.79	+19,904.629	+861.925	+913.115	+0.000
28	+0.02198	+64,262.85	+19,636.613	+861.925	+900.820	+0.000
29	+0.02172	+61,312.06	+19,404.333	+861.925	+890.164	+0.000
30	+0.02155	+47,434.41	+19,252.457	+861.925	+883.197	+0.000
31	+0.02126	+28,492.12	+18,993.376	+14,273.140	+871.312	+0.000
32	+0.02163	+30,015.89	+19,323.928	+14,273.140	+886.475	+0.000
33	+0.02205	+34,214.19	+19,699.150	+861.925	+903.689	+0.000
34	+0.02262	+30,626.56	+20,208.380	+861.925	+927.049	+0.000
35	+0.02300	+33,444.80	+20,547.866	+861.925	+942.623	+0.000
36	+0.02350	+26,948.05	+20,994.559	+861.925	+963.115	+0.000
37	+0.02396	+26,291.63	+21,405.516	+861.925	+981.967	+0.000
38	+0.02409	+44,016.02	+21,521.657	+861.925	+987.295	+0.000
39	+0.02395	+41,481.37	+21,396.583	+5,725.265	+981.557	+0.000
40	+0.02404	+43,375.49	+21,476.987	+5,725.265	+985.246	+0.000
41	+0.02433	+54,880.17	+21,736.069	+5,725.265	+997.131	+0.000
42	+0.02361	+25,326.59	+21,092.832	+5,725.265	+967.623	+0.000

43	+0.02279	+35,004.93	+20,360.255	+5,725.265	+934.016	+.000
44	+0.02169	+10,635.85	+19,377.531	+861.925	+888.935	+.000
45	+0.02091	+8,343.57	+18,680.691	+.000	+856.967	+.000
46	+0.01947	+3,321.92	+17,394.216	+.000	+797.951	+.000
47	+0.01778	+21,856.36	+15,884.394	-783.700	+728.689	+.000
48	+0.01666	+22,007.95	+14,883.802	-783.700	+682.787	+.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	+1,468.949	+0.000	+13,176.896	+0.000	+0.000
02	+0.000	+1,425.772	+0.000	+12,789.583	+0.000	+0.000
03	+0.000	+1,442.308	+0.000	+12,937.915	+0.000	+0.000
04	+0.000	+1,480.892	+0.000	+13,284.025	+0.000	+0.000
05	+0.000	+1,485.485	+0.000	+13,325.229	+0.000	+0.000
06	+0.000	+1,485.485	+0.000	+13,325.229	+0.000	+0.000
07	+0.000	+1,512.127	+0.000	+13,564.209	+0.000	+0.000
08	+0.000	+1,503.859	+0.000	+13,490.043	+0.000	+0.000
09	+0.000	+1,511.208	+0.000	+13,555.969	+0.000	+0.000
10	+0.000	+1,505.696	+0.000	+13,506.524	+0.000	+0.000
11	+0.000	+1,554.386	+0.000	+13,943.282	+0.000	+0.000
12	+0.000	+1,636.147	+0.000	+14,676.705	+0.000	+0.000
13	+0.000	+1,765.679	+0.000	+15,838.645	+0.000	+0.000
14	+0.000	+1,900.723	+0.000	+17,050.030	+0.000	+0.000
15	+0.000	+2,109.261	+0.000	+18,920.671	+0.000	+0.000
16	+0.000	+2,179.079	+0.000	+19,546.965	+0.000	+0.000
17	+0.000	+2,180.917	+0.000	+19,563.446	+0.000	+0.000
18	+0.000	+2,157.031	+0.000	+19,349.188	+0.000	+0.000
19	+0.000	+2,157.031	+0.000	+19,349.188	+0.000	+0.000
20	+0.000	+2,176.323	+0.000	+19,522.243	+0.000	+0.000
21	+0.000	+2,146.007	+0.000	+19,250.299	+0.000	+0.000
22	+0.000	+2,136.821	+0.000	+19,167.892	+0.000	+0.000
23	+0.000	+2,108.342	+0.000	+18,912.430	+0.000	+0.000
24	+0.000	+2,100.074	+0.000	+18,838.264	+0.000	+0.000
25	+0.000	+2,100.074	+0.000	+18,838.264	+0.000	+0.000
26	+0.000	+2,092.725	+0.000	+18,772.338	+0.000	+0.000
27	+0.000	+2,046.791	+0.000	+18,360.303	+0.000	+0.000
28	+0.000	+2,019.231	+0.000	+18,113.081	+0.000	+0.000
29	+0.000	+1,995.346	+0.000	+17,898.823	+0.000	+0.000
30	+0.000	+1,979.729	+0.000	+17,758.731	+0.000	+0.000
31	+0.000	+1,953.087	+0.000	+17,519.750	+0.000	+0.000
32	+0.000	+1,987.078	+0.000	+17,824.657	+0.000	+0.000
33	+0.000	+2,025.662	+0.000	+18,170.766	+0.000	+0.000
34	+0.000	+2,078.026	+0.000	+18,640.487	+0.000	+0.000
35	+0.000	+2,112.935	+0.000	+18,953.634	+0.000	+0.000
36	+0.000	+2,158.869	+0.000	+19,365.669	+0.000	+0.000
37	+0.000	+2,201.127	+0.000	+19,744.742	+0.000	+0.000
38	+0.000	+2,213.070	+0.000	+19,851.871	+0.000	+0.000
39	+0.000	+2,200.209	+0.000	+19,736.501	+0.000	+0.000
40	+0.000	+2,208.477	+0.000	+19,810.668	+0.000	+0.000
41	+0.000	+2,235.118	+0.000	+20,049.648	+0.000	+0.000
42	+0.000	+2,168.974	+0.000	+19,456.317	+0.000	+0.000

43	+.000	+2,093.643	+.000	+18,780.579	+.000	+.000
44	+.000	+1,992.590	+.000	+17,874.101	+.000	+.000
45	+.000	+1,920.934	+.000	+17,231.325	+.000	+.000
46	+.000	+1,788.646	+.000	+16,044.663	+.000	+.000
47	+.000	+1,633.391	+.000	+14,651.983	+.000	+.000
48	+.000	+1,530.500	+.000	+13,729.024	+.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	+66.013	+0.000	+0.000	+0.000	+0.000	+87,733.291
02	+64.073	+0.000	+0.000	+0.000	+0.000	+90,318.896
03	+64.816	+0.000	+0.000	+0.000	+0.000	+88,084.055
04	+66.550	+0.000	+0.000	+0.000	+0.000	+95,645.797
05	+66.757	+0.000	+0.000	+0.000	+0.000	+110,567.059
06	+66.757	+0.000	+0.000	+0.000	+0.000	+100,573.709
07	+67.954	+0.000	+0.000	+0.000	+0.000	+122,691.455
08	+67.582	+0.000	+0.000	+0.000	+0.000	+153,644.716
09	+67.913	+0.000	+0.000	+0.000	+0.000	+182,851.581
10	+67.665	+0.000	+0.000	+0.000	+0.000	+181,830.015
11	+69.853	+0.000	+0.000	+0.000	+0.000	+190,309.636
12	+73.527	+0.000	+0.000	+0.000	+0.000	+200,203.663
13	+79.348	+0.000	+0.000	+0.000	+0.000	+220,275.727
14	+85.417	+0.000	+0.000	+0.000	+0.000	+194,291.317
15	+94.789	+0.000	+0.000	+0.000	+0.000	+230,193.175
16	+97.926	+0.000	+0.000	+0.000	+0.000	+236,027.376
17	+98.009	+0.000	+0.000	+0.000	+0.000	+209,608.075
18	+96.935	+0.000	+0.000	+0.000	+0.000	+170,098.091
19	+96.935	+0.000	+0.000	+0.000	+0.000	+132,460.391
20	+97.802	+0.000	+0.000	+0.000	+0.000	+145,357.733
21	+96.440	+0.000	+0.000	+0.000	+0.000	+138,826.699
22	+96.027	+0.000	+0.000	+0.000	+0.000	+121,729.851
23	+94.747	+0.000	+0.000	+0.000	+0.000	+92,066.056
24	+94.376	+0.000	+0.000	+0.000	+0.000	+95,022.916
25	+94.376	+0.000	+0.000	+0.000	+0.000	+102,490.386
26	+94.045	+0.000	+0.000	+0.000	+0.000	+112,170.092
27	+91.981	+0.000	+0.000	+0.000	+0.000	+99,854.534
28	+90.743	+0.000	+0.000	+0.000	+0.000	+105,885.263
29	+89.669	+0.000	+0.000	+0.000	+0.000	+102,452.320
30	+88.967	+0.000	+0.000	+0.000	+0.000	+88,259.416
31	+87.770	+0.000	+0.000	+0.000	+0.000	+82,190.555
32	+89.298	+0.000	+0.000	+0.000	+0.000	+84,400.466
33	+91.032	+0.000	+0.000	+0.000	+0.000	+75,966.414
34	+93.385	+0.000	+0.000	+0.000	+0.000	+73,435.812
35	+94.954	+0.000	+0.000	+0.000	+0.000	+76,958.737
36	+97.018	+0.000	+0.000	+0.000	+0.000	+71,389.205
37	+98.917	+0.000	+0.000	+0.000	+0.000	+71,585.825
38	+99.454	+0.000	+0.000	+0.000	+0.000	+89,551.292
39	+98.876	+0.000	+0.000	+0.000	+0.000	+91,620.361
40	+99.247	+0.000	+0.000	+0.000	+0.000	+93,681.380
41	+100.444	+0.000	+0.000	+0.000	+0.000	+105,723.846
42	+97.472	+0.000	+0.000	+0.000	+0.000	+74,835.073



43	+94.087	+.000	+.000	+.000	+.000	+82,992.776
44	+89.545	+.000	+.000	+.000	+.000	+51,720.477
45	+86.325	+.000	+.000	+.000	+.000	+47,119.813
46	+80.380	+.000	+.000	+.000	+.000	+39,427.776
47	+73.403	+.000	+.000	+.000	+.000	+54,044.520
48	+68.779	+.000	+.000	+.000	+.000	+52,119.142