

Date: 24/10/2019

Settlement Day:14/10/2019

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: 197

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,218,586.160	+320,409,249.180
Balancing Services Contract Cost	+821,312.649	+145,484,812.471
Balancing Services Cost Variable	+331,255.490	+80,366,192.245
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	+24,285,657.490
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+162,341,994.880
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+813,298.740
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	+162,341,994.880
Total External Costs	+2,498,570.390	+578,941,177.976
Total Adjusted Energy Volume (MWh)	+1,417,386.223	

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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	+20,451.647	+58,012.821	+2.83658
02	+20,032.903	+60,369.391	+3.01351
03	+19,966.157	+58,756.179	+2.94279
04	+20,692.297	+80,610.017	+3.89565
05	+20,735.757	+94,066.021	+4.53642
06	+20,393.009	+101,046.749	+4.95497
07	+20,065.828	+89,567.145	+4.46367
08	+20,000.965	+81,279.775	+4.06379
09	+19,976.755	+82,057.899	+4.10767
10	+20,148.596	+86,203.943	+4.27841
11	+20,440.284	+64,424.603	+3.15184
12	+21,511.644	+51,959.061	+2.41539
13	+24,158.910	+56,491.468	+2.33833
14	+27,077.465	+55,799.806	+2.06075
15	+30,734.059	+62,835.899	+2.04450
16	+31,956.269	+58,037.585	+1.81616
17	+32,689.102	+63,684.663	+1.94819
18	+32,723.775	+63,252.207	+1.93291
19	+33,101.294	+63,355.015	+1.91397
20	+33,313.040	+68,168.175	+2.04629
21	+33,348.962	+62,290.359	+1.86784
22	+33,328.164	+55,255.403	+1.65792
23	+33,862.269	+57,637.737	+1.70212
24	+34,101.713	+56,510.043	+1.65710
25	+34,377.712	+75,612.315	+2.19946
26	+34,001.509	+76,770.547	+2.25786
27	+34,039.912	+77,009.801	+2.26234
28	+33,895.809	+57,090.543	+1.68430
29	+34,105.366	+59,046.523	+1.73130
30	+34,076.124	+58,115.577	+1.70546
31	+34,077.662	+73,852.647	+2.16719
32	+34,468.776	+78,367.211	+2.27357
33	+34,909.863	+83,438.939	+2.39013
34	+35,894.119	+87,035.370	+2.42478
35	+36,346.869	+82,826.146	+2.27877
36	+36,720.426	+91,468.722	+2.49095
37	+36,900.211	+84,513.718	+2.29033
38	+37,178.636	+84,344.058	+2.26862
39	+36,510.919	+83,202.552	+2.27884
40	+35,608.334	+74,900.790	+2.10346
41	+34,541.496	+67,826.381	+1.96362
42	+32,995.985	+62,979.649	+1.90871

43	+31,154.708	+64,502.019	+2.07038
44	+29,416.741	+52,759.745	+1.79353
45	+28,487.584	+51,674.226	+1.81392
46	+26,529.125	+52,030.922	+1.96128
47	+23,789.999	+59,550.670	+2.50318
48	+22,547.474	+51,997.215	+2.30612

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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	+0.01443	+19,715.82	+11,851.542	+12,715.500	+0.000	+0.000
02	+0.01413	+22,604.23	+11,605.148	+12,715.500	+0.000	+0.000
03	+0.01409	+21,155.31	+11,572.295	+12,622.120	+0.000	+0.000
04	+0.01460	+42,105.02	+11,991.165	+12,622.120	+0.000	+0.000
05	+0.01463	+54,922.96	+12,015.804	+13,207.000	+0.000	+0.000
06	+0.01439	+62,329.16	+11,818.689	+13,207.000	+0.000	+0.000
07	+0.01416	+51,346.10	+11,629.787	+13,118.200	+0.000	+0.000
08	+0.01411	+43,147.37	+11,588.721	+13,118.200	+0.000	+0.000
09	+0.01409	+45,589.53	+11,572.295	+11,489.620	+0.000	+0.000
10	+0.01422	+49,505.11	+11,679.066	+11,489.620	+0.000	+0.000
11	+0.01442	+24,648.08	+11,843.328	+14,212.750	+0.000	+0.000
12	+0.01518	+10,835.21	+12,467.526	+14,212.750	+0.000	+0.000
13	+0.01704	+11,391.83	+13,995.168	+14,891.130	+0.000	+0.000
14	+0.01910	+7,048.20	+15,687.072	+14,891.130	+0.000	+0.000
15	+0.02168	+19,276.97	+17,806.058	+5,124.630	+0.000	+0.000
16	+0.02255	+12,936.32	+18,520.600	+5,124.630	+0.000	+0.000
17	+0.02306	+17,679.27	+18,939.470	+5,124.630	+0.000	+0.000
18	+0.02309	+17,193.63	+18,964.109	+5,124.630	+0.000	+0.000
19	+0.02335	+16,835.51	+19,177.650	+5,124.630	+0.000	+0.000
20	+0.02350	+21,382.75	+19,300.847	+5,124.630	+0.000	+0.000
21	+0.02353	+15,451.75	+19,325.487	+5,124.630	+0.000	+0.000
22	+0.02351	+8,452.25	+19,309.060	+5,124.630	+0.000	+0.000
23	+0.02389	+10,160.92	+19,621.159	+5,124.630	+0.000	+0.000
24	+0.02406	+8,731.85	+19,760.782	+5,124.630	+0.000	+0.000
25	+0.02425	+27,497.29	+19,916.832	+5,124.630	+0.000	+0.000
26	+0.02399	+29,116.45	+19,703.290	+5,124.630	+0.000	+0.000
27	+0.02402	+34,427.15	+19,727.930	+0.000	+0.000	+0.000
28	+0.02391	+14,702.90	+19,637.585	+0.000	+0.000	+0.000
29	+0.02406	+16,392.96	+19,760.782	+0.000	+0.000	+0.000
30	+0.02404	+15,497.47	+19,744.356	+0.000	+0.000	+0.000
31	+0.02404	+17,794.34	+19,744.356	+13,440.200	+0.000	+0.000
32	+0.02432	+21,812.52	+19,974.324	+13,440.200	+0.000	+0.000
33	+0.02463	+23,364.64	+20,228.931	+16,410.240	+0.000	+0.000
34	+0.02532	+25,737.84	+20,795.636	+16,410.240	+0.000	+0.000
35	+0.02564	+32,246.93	+21,058.456	+5,124.630	+0.000	+0.000
36	+0.02591	+40,410.85	+21,280.211	+5,124.630	+0.000	+0.000
37	+0.02603	+33,243.11	+21,378.768	+5,124.630	+0.000	+0.000
38	+0.02623	+32,718.89	+21,543.031	+5,124.630	+0.000	+0.000
39	+0.02576	+32,410.60	+21,157.014	+5,124.630	+0.000	+0.000
40	+0.02512	+25,243.43	+20,631.374	+5,124.630	+0.000	+0.000
41	+0.02437	+19,498.62	+20,015.389	+5,124.630	+0.000	+0.000
42	+0.02328	+21,708.87	+19,120.158	+0.000	+0.000	+0.000

43	+0.02198	+25,535.88	+18,052.452	+ .000	+ .000	+ .000
44	+0.02075	+15,974.15	+17,042.237	+ .000	+ .000	+ .000
45	+0.02010	+16,040.95	+16,508.384	+ .000	+ .000	+ .000
46	+0.01872	+18,844.11	+15,374.973	+ .000	+ .000	+ .000
47	+0.01678	+34,966.09	+13,781.626	-5,163.000	+ .000	+ .000
48	+0.01591	+28,954.97	+13,067.084	-5,163.000	+ .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	+1,779.041	+0.000	+11,891.345	+0.000	+0.000
02	+0.000	+1,742.055	+0.000	+11,644.124	+0.000	+0.000
03	+0.000	+1,737.123	+0.000	+11,611.161	+0.000	+0.000
04	+0.000	+1,800.000	+0.000	+12,031.437	+0.000	+0.000
05	+0.000	+1,803.699	+0.000	+12,056.159	+0.000	+0.000
06	+0.000	+1,774.110	+0.000	+11,858.382	+0.000	+0.000
07	+0.000	+1,745.753	+0.000	+11,668.846	+0.000	+0.000
08	+0.000	+1,739.589	+0.000	+11,627.642	+0.000	+0.000
09	+0.000	+1,737.123	+0.000	+11,611.161	+0.000	+0.000
10	+0.000	+1,753.151	+0.000	+11,718.290	+0.000	+0.000
11	+0.000	+1,777.808	+0.000	+11,883.104	+0.000	+0.000
12	+0.000	+1,871.507	+0.000	+12,509.398	+0.000	+0.000
13	+0.000	+2,100.822	+0.000	+14,042.171	+0.000	+0.000
14	+0.000	+2,354.795	+0.000	+15,739.757	+0.000	+0.000
15	+0.000	+2,672.877	+0.000	+17,865.860	+0.000	+0.000
16	+0.000	+2,780.137	+0.000	+18,582.802	+0.000	+0.000
17	+0.000	+2,843.014	+0.000	+19,003.078	+0.000	+0.000
18	+0.000	+2,846.712	+0.000	+19,027.800	+0.000	+0.000
19	+0.000	+2,878.767	+0.000	+19,242.059	+0.000	+0.000
20	+0.000	+2,897.260	+0.000	+19,365.669	+0.000	+0.000
21	+0.000	+2,900.959	+0.000	+19,390.392	+0.000	+0.000
22	+0.000	+2,898.493	+0.000	+19,373.910	+0.000	+0.000
23	+0.000	+2,945.342	+0.000	+19,687.057	+0.000	+0.000
24	+0.000	+2,966.301	+0.000	+19,827.149	+0.000	+0.000
25	+0.000	+2,989.726	+0.000	+19,983.723	+0.000	+0.000
26	+0.000	+2,957.671	+0.000	+19,769.464	+0.000	+0.000
27	+0.000	+2,961.370	+0.000	+19,794.186	+0.000	+0.000
28	+0.000	+2,947.808	+0.000	+19,703.539	+0.000	+0.000
29	+0.000	+2,966.301	+0.000	+19,827.149	+0.000	+0.000
30	+0.000	+2,963.836	+0.000	+19,810.668	+0.000	+0.000
31	+0.000	+2,963.836	+0.000	+19,810.668	+0.000	+0.000
32	+0.000	+2,998.356	+0.000	+20,041.408	+0.000	+0.000
33	+0.000	+3,036.575	+0.000	+20,296.870	+0.000	+0.000
34	+0.000	+3,121.644	+0.000	+20,865.479	+0.000	+0.000
35	+0.000	+3,161.096	+0.000	+21,129.181	+0.000	+0.000
36	+0.000	+3,194.384	+0.000	+21,351.681	+0.000	+0.000
37	+0.000	+3,209.178	+0.000	+21,450.569	+0.000	+0.000
38	+0.000	+3,233.836	+0.000	+21,615.383	+0.000	+0.000
39	+0.000	+3,175.890	+0.000	+21,228.070	+0.000	+0.000
40	+0.000	+3,096.986	+0.000	+20,700.665	+0.000	+0.000
41	+0.000	+3,004.521	+0.000	+20,082.611	+0.000	+0.000
42	+0.000	+2,870.137	+0.000	+19,184.374	+0.000	+0.000

43	+.000	+2,709.863	+.000	+18,113.081	+.000	+.000
44	+.000	+2,558.219	+.000	+17,099.474	+.000	+.000
45	+.000	+2,478.082	+.000	+16,563.828	+.000	+.000
46	+.000	+2,307.945	+.000	+15,426.610	+.000	+.000
47	+.000	+2,068.767	+.000	+13,827.912	+.000	+.000
48	+.000	+1,961.507	+.000	+13,110.970	+.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	+59.573	+0.000	+0.000	+0.000	+0.000	+58,012.821
02	+58.335	+0.000	+0.000	+0.000	+0.000	+60,369.391
03	+58.169	+0.000	+0.000	+0.000	+0.000	+58,756.179
04	+60.275	+0.000	+0.000	+0.000	+0.000	+80,610.017
05	+60.399	+0.000	+0.000	+0.000	+0.000	+94,066.021
06	+59.408	+0.000	+0.000	+0.000	+0.000	+101,046.749
07	+58.458	+0.000	+0.000	+0.000	+0.000	+89,567.145
08	+58.252	+0.000	+0.000	+0.000	+0.000	+81,279.775
09	+58.169	+0.000	+0.000	+0.000	+0.000	+82,057.899
10	+58.706	+0.000	+0.000	+0.000	+0.000	+86,203.943
11	+59.532	+0.000	+0.000	+0.000	+0.000	+64,424.603
12	+62.669	+0.000	+0.000	+0.000	+0.000	+51,959.061
13	+70.348	+0.000	+0.000	+0.000	+0.000	+56,491.468
14	+78.853	+0.000	+0.000	+0.000	+0.000	+55,799.806
15	+89.504	+0.000	+0.000	+0.000	+0.000	+62,835.899
16	+93.096	+0.000	+0.000	+0.000	+0.000	+58,037.585
17	+95.201	+0.000	+0.000	+0.000	+0.000	+63,684.663
18	+95.325	+0.000	+0.000	+0.000	+0.000	+63,252.207
19	+96.399	+0.000	+0.000	+0.000	+0.000	+63,355.015
20	+97.018	+0.000	+0.000	+0.000	+0.000	+68,168.175
21	+97.142	+0.000	+0.000	+0.000	+0.000	+62,290.359
22	+97.059	+0.000	+0.000	+0.000	+0.000	+55,255.403
23	+98.628	+0.000	+0.000	+0.000	+0.000	+57,637.737
24	+99.330	+0.000	+0.000	+0.000	+0.000	+56,510.043
25	+100.114	+0.000	+0.000	+0.000	+0.000	+75,612.315
26	+99.041	+0.000	+0.000	+0.000	+0.000	+76,770.547
27	+99.165	+0.000	+0.000	+0.000	+0.000	+77,009.801
28	+98.711	+0.000	+0.000	+0.000	+0.000	+57,090.543
29	+99.330	+0.000	+0.000	+0.000	+0.000	+59,046.523
30	+99.247	+0.000	+0.000	+0.000	+0.000	+58,115.577
31	+99.247	+0.000	+0.000	+0.000	+0.000	+73,852.647
32	+100.403	+0.000	+0.000	+0.000	+0.000	+78,367.211
33	+101.683	+0.000	+0.000	+0.000	+0.000	+83,438.939
34	+104.532	+0.000	+0.000	+0.000	+0.000	+87,035.370
35	+105.853	+0.000	+0.000	+0.000	+0.000	+82,826.146
36	+106.967	+0.000	+0.000	+0.000	+0.000	+91,468.722
37	+107.463	+0.000	+0.000	+0.000	+0.000	+84,513.718
38	+108.288	+0.000	+0.000	+0.000	+0.000	+84,344.058
39	+106.348	+0.000	+0.000	+0.000	+0.000	+83,202.552
40	+103.706	+0.000	+0.000	+0.000	+0.000	+74,900.790
41	+100.610	+0.000	+0.000	+0.000	+0.000	+67,826.381
42	+96.110	+0.000	+0.000	+0.000	+0.000	+62,979.649



43	+90.743	+.000	+.000	+.000	+.000	+64,502.019
44	+85.665	+.000	+.000	+.000	+.000	+52,759.745
45	+82.981	+.000	+.000	+.000	+.000	+51,674.226
46	+77.284	+.000	+.000	+.000	+.000	+52,030.922
47	+69.275	+.000	+.000	+.000	+.000	+59,550.670
48	+65.683	+.000	+.000	+.000	+.000	+51,997.215