

Date: 17/12/2019

Settlement Day:28/10/2018

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:18/19

Internal Scheme Name:2018/2019

Internal Scheme Day: 211

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,249,668.760	+14,284,100.320
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,228,217.130	+356,993,637.680
Balancing Services Contract Cost	+1,346,160.120	+199,893,352.790
Balancing Services Cost Variable	+27,169.400	+74,896,663.440
ESO Incentive Recovery Costs	+41,095.890	+8,671,232.790
Black Start Capital Costs	+0.000	+1,736,729.790
Black Start Testing Costs	+0.000	+337,885.780
Black Start Availability Costs	+102,926.240	+22,922,453.930
Black Start Other Costs	+0.000	+3,677,764.890
System Operator Internal Costs	+529,458.360	+111,715,713.960
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+2,296.840	+484,633.240
EMR Incentive Revenue	+0.000	+0.000
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	+529,458.360	+111,715,713.960
Total External Costs	+2,747,865.620	+669,614,354.330
Total Adjusted Energy Volume (MWh)	+1,357,196.754	

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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	+21,857.069	+90,687.033	+4.14909
02	+21,448.727	+81,210.112	+3.78624
03	+21,341.516	+74,748.167	+3.50248
04	+21,372.203	+94,982.155	+4.44419
05	+21,368.177	+85,138.295	+3.98435
06	+20,846.492	+70,090.709	+3.36223
07	+20,781.033	+68,772.772	+3.30940
08	+20,835.135	+70,391.410	+3.37850
09	+20,902.982	+112,102.267	+5.36298
10	+20,824.626	+80,530.100	+3.86706
11	+20,691.592	+74,727.946	+3.61151
12	+20,559.709	+82,677.792	+4.02135
13	+20,782.170	+68,111.122	+3.27738
14	+21,230.701	+71,601.012	+3.37252
15	+21,936.282	+69,505.859	+3.16853
16	+22,488.063	+88,629.834	+3.94119
17	+23,453.914	+76,952.959	+3.28103
18	+24,751.035	+93,333.639	+3.77090
19	+26,257.640	+67,248.960	+2.56112
20	+27,209.763	+66,319.276	+2.43733
21	+27,788.552	+61,617.270	+2.21736
22	+27,705.510	+61,405.653	+2.21637
23	+27,620.083	+51,049.767	+1.84828
24	+27,034.903	+35,083.304	+1.29770
25	+27,065.577	+22,974.973	+0.84886
26	+27,223.065	+30,122.215	+1.10650
27	+27,763.611	+42,485.690	+1.53027
28	+27,989.893	+50,535.870	+1.80550
29	+28,224.315	+50,504.389	+1.78939
30	+28,572.815	+40,609.953	+1.42128
31	+28,993.741	+31,814.524	+1.09729
32	+29,335.442	+11,258.208	+0.38377
33	+30,320.326	+32,959.283	+1.08704
34	+31,910.603	+60,894.989	+1.90830
35	+33,693.815	+83,474.397	+2.47744
36	+35,505.019	+107,618.034	+3.03107
37	+37,978.689	+121,863.950	+3.20875
38	+38,218.219	+115,473.309	+3.02142
39	+37,447.603	+86,332.264	+2.30541
40	+36,721.202	+53,944.437	+1.46903
41	+35,854.083	+42,815.317	+1.19415
42	+34,736.962	+62,228.489	+1.79142

43	+33,705.309	+67,602.787	+2.00570
44	+32,484.245	+62,364.233	+1.91983
45	+31,027.290	+58,016.620	+1.86986
46	+29,158.446	+58,703.256	+2.01325
47	+28,041.709	+56,014.238	+1.99753
48	+26,471.134	+42,661.540	+1.61162
49	+24,310.614	+35,552.420	+1.46242
50	+23,355.150	+51,459.864	+2.20336

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	Cashflow SO BM Cost(£)	Cashflow SO RR Cost(£)	Total SO Cashflow Cost(£)	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)
01	+0.01610	+59,086.77	+0.00	+59,004.54	+21,673.178	-870.700
02	+0.01580	+50,459.31	+0.00	+50,134.20	+21,269.330	-870.700
03	+0.01572	+44,167.66	+0.00	+43,834.01	+21,161.637	-870.700
04	+0.01575	+64,300.46	+0.00	+64,007.34	+21,202.022	-870.700
05	+0.01574	+54,314.14	+0.00	+54,183.70	+21,188.560	-870.700
06	+0.01536	+40,000.19	+0.00	+39,904.45	+20,677.019	-870.700
07	+0.01531	+38,911.18	+0.00	+38,687.61	+20,609.711	-870.700
08	+0.01535	+40,315.48	+0.00	+40,225.37	+20,663.558	-870.700
09	+0.01540	+81,922.09	+0.00	+81,835.13	+20,730.866	-870.700
10	+0.01534	+50,428.95	+0.00	+50,384.28	+20,650.096	-870.700
11	+0.01525	+43,777.06	+0.00	+43,748.90	+20,528.942	+144.500
12	+0.01515	+51,997.43	+0.00	+51,900.94	+20,394.326	+144.500
13	+0.01531	+37,229.77	+0.00	+37,010.76	+20,609.711	+144.500
14	+0.01564	+39,986.95	+0.00	+39,833.41	+21,053.944	+144.500
15	+0.01616	+51,213.70	+0.00	+51,106.35	+21,753.948	-14,275.000
16	+0.01657	+69,971.90	+0.00	+69,401.33	+22,305.873	-14,275.000
17	+0.01728	+43,507.80	+0.00	+43,170.13	+23,261.647	-1,156.250
18	+0.01824	+58,048.22	+0.00	+57,609.75	+24,553.961	-1,156.250
19	+0.01935	+28,957.19	+0.00	+28,124.47	+26,048.198	+0.000
20	+0.02005	+25,799.86	+0.00	+25,779.43	+26,990.510	+0.000
21	+0.02047	+20,326.15	+0.00	+20,228.21	+27,555.898	+0.000
22	+0.02041	+20,308.75	+0.00	+20,137.91	+27,475.128	+0.000
23	+0.02035	+9,940.38	+0.00	+9,903.34	+27,394.358	+0.000
24	+0.01992	-11,923.99	+0.00	-12,580.38	+26,815.510	+7,386.690
25	+0.01994	-24,507.67	+0.00	-24,729.15	+26,842.433	+7,386.690
26	+0.02006	-16,901.31	+0.00	-17,824.54	+27,003.972	+7,386.690
27	+0.02046	-5,726.18	+0.00	-6,269.84	+27,542.436	+7,386.690
28	+0.02062	+1,701.86	+0.00	+1,456.83	+27,757.822	+7,386.690
29	+0.02080	+9,211.63	+0.00	+8,448.09	+28,000.130	+0.000
30	+0.02105	-556.90	+0.00	-1,951.83	+28,336.671	+0.000
31	+0.02136	-10,553.29	+0.00	-11,374.06	+28,753.980	+0.000
32	+0.02161	-31,310.87	+0.00	-32,435.86	+29,090.520	+0.000
33	+0.02234	-11,139.98	+0.00	-12,210.80	+30,073.217	+0.000
34	+0.02351	+15,523.44	+0.00	+13,359.24	+31,648.224	+0.000
35	+0.02483	+35,290.88	+0.00	+33,269.69	+33,425.156	+0.000
36	+0.02616	+55,264.13	+0.00	+54,724.15	+35,215.549	+0.000
37	+0.02798	+65,830.00	+0.00	+65,290.14	+37,665.560	+0.000
38	+0.02816	+51,805.73	+0.00	+51,148.86	+37,907.869	+7,386.690
39	+0.02759	+23,400.41	+0.00	+23,160.32	+37,140.558	+7,386.690
40	+0.02706	-8,147.73	+0.00	-8,155.88	+36,427.093	+7,386.690
41	+0.02642	-17,709.51	+0.00	-17,990.96	+35,565.550	+7,386.690
42	+0.02559	+3,235.31	+0.00	+3,100.42	+34,448.237	+7,386.690

43	+0.02483	+18,915.77	+.00	+17,398.08	+33,425.156	+.000
44	+0.02393	+14,006.55	+.00	+13,979.27	+32,213.612	+.000
45	+0.02286	+12,010.16	+.00	+11,795.13	+30,773.220	+.000
46	+0.02148	+15,441.01	+.00	+15,272.04	+28,915.519	+.000
47	+0.02066	+14,246.57	+.00	+14,241.01	+27,811.668	+.000
48	+0.01950	+3,257.49	+.00	+3,233.76	+26,250.122	+.000
49	+0.01791	+3,494.97	+.00	+3,192.52	+24,109.728	-3,853.000
50	+0.01721	+20,538.89	+.00	+20,515.32	+23,167.416	-3,853.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	ESO Incentive Recovery Costs	Black Start Capital Costs	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)
01	+661.644	+0.000	+0.000	+1,657.112	+0.000	+8,524.280
02	+649.315	+0.000	+0.000	+1,626.235	+0.000	+8,365.442
03	+646.027	+0.000	+0.000	+1,618.000	+0.000	+8,323.085
04	+647.260	+0.000	+0.000	+1,621.088	+0.000	+8,338.969
05	+646.849	+0.000	+0.000	+1,620.059	+0.000	+8,333.675
06	+631.233	+0.000	+0.000	+1,580.947	+0.000	+8,132.480
07	+629.178	+0.000	+0.000	+1,575.801	+0.000	+8,106.007
08	+630.822	+0.000	+0.000	+1,579.918	+0.000	+8,127.186
09	+632.877	+0.000	+0.000	+1,585.064	+0.000	+8,153.659
10	+630.411	+0.000	+0.000	+1,578.889	+0.000	+8,121.891
11	+626.712	+0.000	+0.000	+1,569.625	+0.000	+8,074.240
12	+622.603	+0.000	+0.000	+1,559.333	+0.000	+8,021.294
13	+629.178	+0.000	+0.000	+1,575.801	+0.000	+8,106.007
14	+642.740	+0.000	+0.000	+1,609.766	+0.000	+8,280.729
15	+664.110	+0.000	+0.000	+1,663.288	+0.000	+8,556.047
16	+680.959	+0.000	+0.000	+1,705.488	+0.000	+8,773.125
17	+710.137	+0.000	+0.000	+1,778.565	+0.000	+9,149.040
18	+749.589	+0.000	+0.000	+1,877.375	+0.000	+9,657.320
19	+795.205	+0.000	+0.000	+1,991.623	+0.000	+10,245.019
20	+823.973	+0.000	+0.000	+2,063.671	+0.000	+10,615.640
21	+841.233	+0.000	+0.000	+2,106.900	+0.000	+10,838.013
22	+838.767	+0.000	+0.000	+2,100.725	+0.000	+10,806.245
23	+836.301	+0.000	+0.000	+2,094.549	+0.000	+10,774.478
24	+818.630	+0.000	+0.000	+2,050.291	+0.000	+10,546.811
25	+819.452	+0.000	+0.000	+2,052.349	+0.000	+10,557.400
26	+824.384	+0.000	+0.000	+2,064.700	+0.000	+10,620.935
27	+840.822	+0.000	+0.000	+2,105.871	+0.000	+10,832.718
28	+847.397	+0.000	+0.000	+2,122.339	+0.000	+10,917.431
29	+854.795	+0.000	+0.000	+2,140.866	+0.000	+11,012.734
30	+865.068	+0.000	+0.000	+2,166.597	+0.000	+11,145.098
31	+877.808	+0.000	+0.000	+2,198.504	+0.000	+11,309.231
32	+888.082	+0.000	+0.000	+2,224.236	+0.000	+11,441.595
33	+918.082	+0.000	+0.000	+2,299.372	+0.000	+11,828.100
34	+966.164	+0.000	+0.000	+2,419.796	+0.000	+12,447.566
35	+1,020.411	+0.000	+0.000	+2,555.659	+0.000	+13,146.451
36	+1,075.068	+0.000	+0.000	+2,692.550	+0.000	+13,850.631
37	+1,149.863	+0.000	+0.000	+2,879.876	+0.000	+14,814.245
38	+1,157.260	+0.000	+0.000	+2,898.403	+0.000	+14,909.547
39	+1,133.836	+0.000	+0.000	+2,839.735	+0.000	+14,607.756
40	+1,112.055	+0.000	+0.000	+2,785.184	+0.000	+14,327.143
41	+1,085.753	+0.000	+0.000	+2,719.311	+0.000	+13,988.290
42	+1,051.644	+0.000	+0.000	+2,633.882	+0.000	+13,548.839

43	+1,020.411	+.000	+.000	+2,555.659	+.000	+13,146.451
44	+983.425	+.000	+.000	+2,463.025	+.000	+12,669.939
45	+939.452	+.000	+.000	+2,352.894	+.000	+12,103.418
46	+882.740	+.000	+.000	+2,210.856	+.000	+11,372.766
47	+849.041	+.000	+.000	+2,126.456	+.000	+10,938.610
48	+801.370	+.000	+.000	+2,007.062	+.000	+10,324.438
49	+736.027	+.000	+.000	+1,843.409	+.000	+9,482.599
50	+707.260	+.000	+.000	+1,771.361	+.000	+9,111.978

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	System Innovation Costs(£)	Prior Year Cost Recovery	EMR Incentive Revenue	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)
01	+.000	+36.979	+.000	+.000	+.000	+.000
02	+.000	+36.290	+.000	+.000	+.000	+.000
03	+.000	+36.106	+.000	+.000	+.000	+.000
04	+.000	+36.175	+.000	+.000	+.000	+.000
05	+.000	+36.152	+.000	+.000	+.000	+.000
06	+.000	+35.279	+.000	+.000	+.000	+.000
07	+.000	+35.165	+.000	+.000	+.000	+.000
08	+.000	+35.256	+.000	+.000	+.000	+.000
09	+.000	+35.371	+.000	+.000	+.000	+.000
10	+.000	+35.234	+.000	+.000	+.000	+.000
11	+.000	+35.027	+.000	+.000	+.000	+.000
12	+.000	+34.797	+.000	+.000	+.000	+.000
13	+.000	+35.165	+.000	+.000	+.000	+.000
14	+.000	+35.923	+.000	+.000	+.000	+.000
15	+.000	+37.117	+.000	+.000	+.000	+.000
16	+.000	+38.059	+.000	+.000	+.000	+.000
17	+.000	+39.689	+.000	+.000	+.000	+.000
18	+.000	+41.894	+.000	+.000	+.000	+.000
19	+.000	+44.444	+.000	+.000	+.000	+.000
20	+.000	+46.052	+.000	+.000	+.000	+.000
21	+.000	+47.016	+.000	+.000	+.000	+.000
22	+.000	+46.879	+.000	+.000	+.000	+.000
23	+.000	+46.741	+.000	+.000	+.000	+.000
24	+.000	+45.753	+.000	+.000	+.000	+.000
25	+.000	+45.799	+.000	+.000	+.000	+.000
26	+.000	+46.075	+.000	+.000	+.000	+.000
27	+.000	+46.993	+.000	+.000	+.000	+.000
28	+.000	+47.361	+.000	+.000	+.000	+.000
29	+.000	+47.774	+.000	+.000	+.000	+.000
30	+.000	+48.348	+.000	+.000	+.000	+.000
31	+.000	+49.061	+.000	+.000	+.000	+.000
32	+.000	+49.635	+.000	+.000	+.000	+.000
33	+.000	+51.311	+.000	+.000	+.000	+.000
34	+.000	+53.999	+.000	+.000	+.000	+.000
35	+.000	+57.031	+.000	+.000	+.000	+.000
36	+.000	+60.085	+.000	+.000	+.000	+.000
37	+.000	+64.266	+.000	+.000	+.000	+.000
38	+.000	+64.679	+.000	+.000	+.000	+.000
39	+.000	+63.370	+.000	+.000	+.000	+.000
40	+.000	+62.152	+.000	+.000	+.000	+.000
41	+.000	+60.683	+.000	+.000	+.000	+.000
42	+.000	+58.776	+.000	+.000	+.000	+.000



43	+.000	+57.031	+.000	+.000	+.000	+.000
44	+.000	+54.963	+.000	+.000	+.000	+.000
45	+.000	+52.506	+.000	+.000	+.000	+.000
46	+.000	+49.336	+.000	+.000	+.000	+.000
47	+.000	+47.453	+.000	+.000	+.000	+.000
48	+.000	+44.788	+.000	+.000	+.000	+.000
49	+.000	+41.136	+.000	+.000	+.000	+.000
50	+.000	+39.529	+.000	+.000	+.000	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+ .000	+90,687.033
02	+ .000	+81,210.112
03	+ .000	+74,748.167
04	+ .000	+94,982.155
05	+ .000	+85,138.295
06	+ .000	+70,090.709
07	+ .000	+68,772.772
08	+ .000	+70,391.410
09	+ .000	+112,102.267
10	+ .000	+80,530.100
11	+ .000	+74,727.946
12	+ .000	+82,677.792
13	+ .000	+68,111.122
14	+ .000	+71,601.012
15	+ .000	+69,505.859
16	+ .000	+88,629.834
17	+ .000	+76,952.959
18	+ .000	+93,333.639
19	+ .000	+67,248.960
20	+ .000	+66,319.276
21	+ .000	+61,617.270
22	+ .000	+61,405.653
23	+ .000	+51,049.767
24	+ .000	+35,083.304
25	+ .000	+22,974.973
26	+ .000	+30,122.215
27	+ .000	+42,485.690
28	+ .000	+50,535.870
29	+ .000	+50,504.389
30	+ .000	+40,609.953
31	+ .000	+31,814.524
32	+ .000	+11,258.208
33	+ .000	+32,959.283
34	+ .000	+60,894.989
35	+ .000	+83,474.397
36	+ .000	+107,618.034
37	+ .000	+121,863.950
38	+ .000	+115,473.309
39	+ .000	+86,332.264
40	+ .000	+53,944.437
41	+ .000	+42,815.317
42	+ .000	+62,228.489

43	+.000	+67,602.787
44	+.000	+62,364.233
45	+.000	+58,016.620
46	+.000	+58,703.256
47	+.000	+56,014.238
48	+.000	+42,661.540
49	+.000	+35,552.420
50	+.000	+51,459.864