

Date: 14/01/2020

Settlement Day:20/11/2018

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: 234

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,054,306.010	+47,582,069.000
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,039,605.520	+389,815,719.100
Balancing Services Contract Cost	+1,274,860.120	+229,119,503.180
Balancing Services Cost Variable	+1,896,422.080	+87,128,014.790
ESO Incentive Recovery Costs	+41,095.890	+9,616,438.260
Black Start Capital Costs	+0.000	+1,736,729.790
Black Start Testing Costs	+0.000	+390,085.780
Black Start Availability Costs	+121,312.480	+25,534,551.930
Black Start Other Costs	+0.000	+3,677,764.890
System Operator Internal Costs	+529,458.360	+123,893,256.240
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+2,296.840	+537,460.560
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	+123,893,256.240
Total External Costs	+4,375,592.930	+747,556,268.280
Total Adjusted Energy Volume (MWh)	+1,646,140.992	

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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	+24,721.339	+72,125.306	+2.91753
02	+25,424.556	+100,720.226	+3.96153
03	+25,163.098	+90,721.412	+3.60534
04	+24,574.020	+66,963.014	+2.72495
05	+24,241.033	+58,509.209	+2.41364
06	+23,920.385	+57,547.444	+2.40579
07	+23,571.787	+66,174.639	+2.80737
08	+23,305.671	+73,187.055	+3.14031
09	+23,549.029	+87,796.249	+3.72823
10	+23,714.066	+75,225.061	+3.17217
11	+23,958.478	+123,285.115	+5.14578
12	+25,173.951	+124,164.102	+4.93225
13	+27,693.380	+121,153.578	+4.37482
14	+30,670.472	+89,876.101	+2.93038
15	+34,455.684	+67,868.166	+1.96972
16	+36,081.762	+70,360.509	+1.95003
17	+37,415.807	+82,450.718	+2.20363
18	+37,618.054	+80,718.141	+2.14573
19	+38,328.274	+83,601.062	+2.18119
20	+38,380.638	+83,473.292	+2.17488
21	+38,417.453	+56,607.943	+1.47350
22	+38,611.709	+63,262.036	+1.63842
23	+38,635.072	+66,192.776	+1.71328
24	+38,706.568	+68,758.887	+1.77641
25	+39,097.791	+77,728.133	+1.98804
26	+39,105.324	+82,238.103	+2.10299
27	+38,969.794	+123,380.511	+3.16605
28	+39,071.366	+87,292.832	+2.23419
29	+39,438.812	+104,541.188	+2.65072
30	+39,338.998	+101,525.956	+2.58080
31	+39,593.427	+104,031.470	+2.62749
32	+40,895.824	+129,542.608	+3.16762
33	+41,914.263	+144,607.393	+3.45008
34	+42,616.250	+156,920.533	+3.68218
35	+42,566.199	+197,683.123	+4.64413
36	+42,785.523	+204,353.896	+4.77624
37	+42,885.774	+180,314.177	+4.20452
38	+42,394.137	+183,117.180	+4.31940
39	+41,621.778	+174,929.209	+4.20283
40	+40,859.837	+174,904.858	+4.28061
41	+39,731.907	+118,137.122	+2.97336
42	+38,313.317	+82,652.611	+2.15728

43	+36,511.310	+90,658.285	+2.48302
44	+34,438.314	+94,740.436	+2.75102
45	+32,144.629	+81,683.923	+2.54114
46	+30,137.697	+89,952.104	+2.98470
47	+28,287.553	+98,678.817	+3.48842
48	+27,088.882	+90,694.780	+3.34804

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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	+0.01502	+39,811.22	+0.00	+39,418.37	+19,148.399	+3,132.200
02	+0.01544	+67,341.62	+0.00	+67,186.30	+19,683.840	+3,132.200
03	+0.01529	+57,538.96	+0.00	+57,482.84	+19,492.611	+3,132.200
04	+0.01493	+34,570.63	+0.00	+34,433.29	+19,033.662	+3,132.200
05	+0.01473	+29,876.80	+0.00	+29,318.29	+18,778.690	+187.200
06	+0.01453	+29,322.64	+0.00	+28,750.33	+18,523.718	+187.200
07	+0.01432	+37,856.52	+0.00	+37,791.02	+18,255.997	+187.200
08	+0.01416	+45,164.51	+0.00	+45,118.48	+18,052.019	+187.200
09	+0.01431	+39,235.17	+0.00	+39,153.37	+18,243.248	+20,466.150
10	+0.01441	+26,685.51	+0.00	+26,385.28	+18,370.734	+20,466.150
11	+0.01455	+2,656.54	+0.00	+1,905.32	+18,549.215	+92,730.500
12	+0.01529	+1,907.89	+0.00	+1,327.23	+19,492.611	+92,730.500
13	+0.01682	+5,700.59	+0.00	+4,187.11	+21,443.147	+83,847.490
14	+0.01863	-31,480.42	+0.00	-31,976.05	+23,750.644	+85,169.240
15	+0.02093	-49,146.88	+0.00	-49,259.99	+26,682.822	+75,916.490
16	+0.02192	-48,649.45	+0.00	-48,716.98	+27,944.934	+75,916.490
17	+0.02273	-19,614.64	+0.00	-19,728.43	+28,977.571	+57,423.240
18	+0.02285	-21,527.35	+0.00	-21,697.29	+29,130.554	+57,423.240
19	+0.02328	+7,597.13	+0.00	+7,350.70	+29,678.744	+30,411.490
20	+0.02332	+7,197.67	+0.00	+7,144.17	+29,729.738	+30,411.490
21	+0.02334	+2,767.90	+0.00	+2,609.44	+29,755.235	+8,041.490
22	+0.02346	+9,076.15	+0.00	+9,027.25	+29,908.218	+8,041.490
23	+0.02347	+11,971.07	+0.00	+11,938.30	+29,920.967	+8,041.490
24	+0.02351	+14,516.50	+0.00	+14,425.65	+29,971.961	+8,041.490
25	+0.02375	+22,998.27	+0.00	+22,922.33	+30,277.928	+8,041.490
26	+0.02376	+27,458.61	+0.00	+27,412.61	+30,290.676	+8,041.490
27	+0.02367	+19,271.76	+0.00	+19,136.72	+30,175.939	+57,637.000
28	+0.02374	-17,070.56	+0.00	-17,088.79	+30,265.179	+57,637.000
29	+0.02396	+65.75	+0.00	-273.62	+30,545.648	+57,637.000
30	+0.02390	-2,777.83	+0.00	-3,170.71	+30,469.157	+57,637.000
31	+0.02405	-308.93	+0.00	-960.55	+30,660.386	+57,637.000
32	+0.02484	+23,491.25	+0.00	+22,995.06	+31,667.525	+57,637.000
33	+0.02546	+29,308.87	+0.00	+28,840.06	+32,457.939	+65,635.990
34	+0.02589	+40,674.24	+0.00	+40,306.52	+33,006.129	+65,635.990
35	+0.02586	+38,603.98	+0.00	+38,309.82	+32,967.883	+108,454.350
36	+0.02599	+44,874.36	+0.00	+44,724.62	+33,133.615	+108,454.350
37	+0.02605	+52,660.97	+0.00	+52,475.76	+33,210.106	+76,545.350
38	+0.02575	+56,216.76	+0.00	+55,869.47	+32,827.648	+76,545.350
39	+0.02528	+49,864.49	+0.00	+48,606.94	+32,228.464	+76,545.350
40	+0.02482	+51,180.26	+0.00	+49,488.34	+31,642.028	+76,545.350
41	+0.02414	+41,253.32	+0.00	+41,168.40	+30,775.123	+29,436.490
42	+0.02327	+15,523.21	+0.00	+15,395.93	+29,665.995	+21,437.500

43	+0.02218	+39,925.30	+ .00	+39,715.34	+28,276.397	+7,270.000
44	+0.02092	+46,344.97	+ .00	+46,278.46	+26,670.074	+7,270.000
45	+0.01953	+36,192.28	+ .00	+35,958.89	+24,898.018	+7,270.000
46	+0.01831	+46,669.67	+ .00	+46,629.28	+23,342.689	+7,270.000
47	+0.01718	+49,006.69	+ .00	+48,928.49	+21,902.097	+15,922.500
48	+0.01646	+42,502.04	+ .00	+42,362.15	+20,984.198	+15,922.500

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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	+617.260	+0.000	+0.000	+1,822.113	+0.000	+7,952.465
02	+634.521	+0.000	+0.000	+1,873.065	+0.000	+8,174.837
03	+628.356	+0.000	+0.000	+1,854.868	+0.000	+8,095.418
04	+613.562	+0.000	+0.000	+1,811.195	+0.000	+7,904.813
05	+605.342	+0.000	+0.000	+1,786.933	+0.000	+7,798.922
06	+597.123	+0.000	+0.000	+1,762.670	+0.000	+7,693.030
07	+588.493	+0.000	+0.000	+1,737.195	+0.000	+7,581.844
08	+581.918	+0.000	+0.000	+1,717.785	+0.000	+7,497.130
09	+588.082	+0.000	+0.000	+1,735.982	+0.000	+7,576.549
10	+592.192	+0.000	+0.000	+1,748.113	+0.000	+7,629.495
11	+597.945	+0.000	+0.000	+1,765.097	+0.000	+7,703.619
12	+628.356	+0.000	+0.000	+1,854.868	+0.000	+8,095.418
13	+691.233	+0.000	+0.000	+2,040.476	+0.000	+8,905.490
14	+765.616	+0.000	+0.000	+2,260.052	+0.000	+9,863.809
15	+860.137	+0.000	+0.000	+2,539.070	+0.000	+11,081.563
16	+900.822	+0.000	+0.000	+2,659.170	+0.000	+11,605.727
17	+934.110	+0.000	+0.000	+2,757.433	+0.000	+12,034.589
18	+939.041	+0.000	+0.000	+2,771.990	+0.000	+12,098.124
19	+956.712	+0.000	+0.000	+2,824.155	+0.000	+12,325.791
20	+958.356	+0.000	+0.000	+2,829.007	+0.000	+12,346.969
21	+959.178	+0.000	+0.000	+2,831.433	+0.000	+12,357.558
22	+964.110	+0.000	+0.000	+2,845.991	+0.000	+12,421.093
23	+964.521	+0.000	+0.000	+2,847.204	+0.000	+12,426.388
24	+966.164	+0.000	+0.000	+2,852.056	+0.000	+12,447.566
25	+976.027	+0.000	+0.000	+2,881.171	+0.000	+12,574.636
26	+976.438	+0.000	+0.000	+2,882.385	+0.000	+12,579.931
27	+972.740	+0.000	+0.000	+2,871.466	+0.000	+12,532.279
28	+975.616	+0.000	+0.000	+2,879.958	+0.000	+12,569.341
29	+984.658	+0.000	+0.000	+2,906.647	+0.000	+12,685.822
30	+982.192	+0.000	+0.000	+2,899.368	+0.000	+12,654.055
31	+988.356	+0.000	+0.000	+2,917.565	+0.000	+12,733.474
32	+1,020.822	+0.000	+0.000	+3,013.402	+0.000	+13,151.746
33	+1,046.301	+0.000	+0.000	+3,088.616	+0.000	+13,480.010
34	+1,063.973	+0.000	+0.000	+3,140.780	+0.000	+13,707.677
35	+1,062.740	+0.000	+0.000	+3,137.141	+0.000	+13,691.793
36	+1,068.082	+0.000	+0.000	+3,152.911	+0.000	+13,760.623
37	+1,070.548	+0.000	+0.000	+3,160.190	+0.000	+13,792.390
38	+1,058.219	+0.000	+0.000	+3,123.796	+0.000	+13,633.553
39	+1,038.904	+0.000	+0.000	+3,066.779	+0.000	+13,384.707
40	+1,020.000	+0.000	+0.000	+3,010.976	+0.000	+13,141.156
41	+992.055	+0.000	+0.000	+2,928.483	+0.000	+12,781.125
42	+956.301	+0.000	+0.000	+2,822.941	+0.000	+12,320.496

43	+911.507	+.000	+.000	+2,690.711	+.000	+11,743.386
44	+859.726	+.000	+.000	+2,537.857	+.000	+11,076.269
45	+802.603	+.000	+.000	+2,369.233	+.000	+10,340.322
46	+752.466	+.000	+.000	+2,221.232	+.000	+9,694.383
47	+706.027	+.000	+.000	+2,084.148	+.000	+9,096.095
48	+676.438	+.000	+.000	+1,996.803	+.000	+8,714.885

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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	+34.499	+ .000	+ .000	+ .000	+ .000
02	+ .000	+35.463	+ .000	+ .000	+ .000	+ .000
03	+ .000	+35.119	+ .000	+ .000	+ .000	+ .000
04	+ .000	+34.292	+ .000	+ .000	+ .000	+ .000
05	+ .000	+33.832	+ .000	+ .000	+ .000	+ .000
06	+ .000	+33.373	+ .000	+ .000	+ .000	+ .000
07	+ .000	+32.891	+ .000	+ .000	+ .000	+ .000
08	+ .000	+32.523	+ .000	+ .000	+ .000	+ .000
09	+ .000	+32.868	+ .000	+ .000	+ .000	+ .000
10	+ .000	+33.097	+ .000	+ .000	+ .000	+ .000
11	+ .000	+33.419	+ .000	+ .000	+ .000	+ .000
12	+ .000	+35.119	+ .000	+ .000	+ .000	+ .000
13	+ .000	+38.633	+ .000	+ .000	+ .000	+ .000
14	+ .000	+42.790	+ .000	+ .000	+ .000	+ .000
15	+ .000	+48.073	+ .000	+ .000	+ .000	+ .000
16	+ .000	+50.347	+ .000	+ .000	+ .000	+ .000
17	+ .000	+52.207	+ .000	+ .000	+ .000	+ .000
18	+ .000	+52.483	+ .000	+ .000	+ .000	+ .000
19	+ .000	+53.470	+ .000	+ .000	+ .000	+ .000
20	+ .000	+53.562	+ .000	+ .000	+ .000	+ .000
21	+ .000	+53.608	+ .000	+ .000	+ .000	+ .000
22	+ .000	+53.884	+ .000	+ .000	+ .000	+ .000
23	+ .000	+53.907	+ .000	+ .000	+ .000	+ .000
24	+ .000	+53.999	+ .000	+ .000	+ .000	+ .000
25	+ .000	+54.550	+ .000	+ .000	+ .000	+ .000
26	+ .000	+54.573	+ .000	+ .000	+ .000	+ .000
27	+ .000	+54.366	+ .000	+ .000	+ .000	+ .000
28	+ .000	+54.527	+ .000	+ .000	+ .000	+ .000
29	+ .000	+55.032	+ .000	+ .000	+ .000	+ .000
30	+ .000	+54.894	+ .000	+ .000	+ .000	+ .000
31	+ .000	+55.239	+ .000	+ .000	+ .000	+ .000
32	+ .000	+57.054	+ .000	+ .000	+ .000	+ .000
33	+ .000	+58.478	+ .000	+ .000	+ .000	+ .000
34	+ .000	+59.465	+ .000	+ .000	+ .000	+ .000
35	+ .000	+59.396	+ .000	+ .000	+ .000	+ .000
36	+ .000	+59.695	+ .000	+ .000	+ .000	+ .000
37	+ .000	+59.833	+ .000	+ .000	+ .000	+ .000
38	+ .000	+59.144	+ .000	+ .000	+ .000	+ .000
39	+ .000	+58.064	+ .000	+ .000	+ .000	+ .000
40	+ .000	+57.008	+ .000	+ .000	+ .000	+ .000
41	+ .000	+55.446	+ .000	+ .000	+ .000	+ .000
42	+ .000	+53.447	+ .000	+ .000	+ .000	+ .000

43	+.000	+50.944	+.000	+.000	+.000	+.000
44	+.000	+48.050	+.000	+.000	+.000	+.000
45	+.000	+44.857	+.000	+.000	+.000	+.000
46	+.000	+42.055	+.000	+.000	+.000	+.000
47	+.000	+39.460	+.000	+.000	+.000	+.000
48	+.000	+37.806	+.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(f)	Total Period BSUoS charges(f)
01	+ .000	+72,125.306
02	+ .000	+100,720.226
03	+ .000	+90,721.412
04	+ .000	+66,963.014
05	+ .000	+58,509.209
06	+ .000	+57,547.444
07	+ .000	+66,174.639
08	+ .000	+73,187.055
09	+ .000	+87,796.249
10	+ .000	+75,225.061
11	+ .000	+123,285.115
12	+ .000	+124,164.102
13	+ .000	+121,153.578
14	+ .000	+89,876.101
15	+ .000	+67,868.166
16	+ .000	+70,360.509
17	+ .000	+82,450.718
18	+ .000	+80,718.141
19	+ .000	+83,601.062
20	+ .000	+83,473.292
21	+ .000	+56,607.943
22	+ .000	+63,262.036
23	+ .000	+66,192.776
24	+ .000	+68,758.887
25	+ .000	+77,728.133
26	+ .000	+82,238.103
27	+ .000	+123,380.511
28	+ .000	+87,292.832
29	+ .000	+104,541.188
30	+ .000	+101,525.956
31	+ .000	+104,031.470
32	+ .000	+129,542.608
33	+ .000	+144,607.393
34	+ .000	+156,920.533
35	+ .000	+197,683.123
36	+ .000	+204,353.896
37	+ .000	+180,314.177
38	+ .000	+183,117.180
39	+ .000	+174,929.209
40	+ .000	+174,904.858
41	+ .000	+118,137.122
42	+ .000	+82,652.611

43	+.000	+90,658.285
44	+.000	+94,740.436
45	+.000	+81,683.923
46	+.000	+89,952.104
47	+.000	+98,678.817
48	+.000	+90,694.780