

Date: 18/12/2019

Settlement Day:24/11/2019

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: 238

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+935,027.750	+7,300,294.440
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+923,835.920	+392,427,718.540
Balancing Services Contract Cost	+747,640.708	+210,992,158.175
Balancing Services Cost Variable	+492,401.220	+105,233,422.395
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+128,208.637	+27,910,261.473
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+196,128,907.520
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+982,563.960
ESO Incentive Recovery t-1	+80,000.000	+3,760,000.000
ALoMCP Recovery	-81,709.830	-3,840,362.010
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+196,128,907.520
Total External Costs	+2,294,505.075	+744,465,762.533
Total Adjusted Energy Volume (MWh)	+1,378,179.591	

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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	+24,379.288	+77,365.036	+3.17339
02	+24,578.142	+82,289.064	+3.34806
03	+24,198.293	+81,052.012	+3.34949
04	+23,507.704	+73,847.533	+3.14142
05	+22,894.672	+71,231.600	+3.11127
06	+22,521.586	+67,062.129	+2.97768
07	+22,444.222	+72,020.692	+3.20887
08	+21,937.338	+66,947.666	+3.05177
09	+21,637.139	+61,856.722	+2.85882
10	+21,558.525	+62,575.812	+2.90260
11	+21,558.457	+59,869.512	+2.77708
12	+21,728.867	+60,444.546	+2.78176
13	+22,341.074	+67,316.795	+3.01314
14	+22,977.714	+70,598.541	+3.07248
15	+23,777.153	+46,581.877	+1.95910
16	+24,542.994	+52,994.887	+2.15927
17	+25,864.103	+41,690.733	+1.61191
18	+27,493.407	+46,812.323	+1.70267
19	+29,111.305	+42,310.069	+1.45339
20	+30,419.669	+50,117.021	+1.64752
21	+31,342.155	+51,304.728	+1.63692
22	+31,914.712	+62,976.431	+1.97327
23	+32,390.318	+49,282.546	+1.52152
24	+32,710.553	+39,641.874	+1.21190
25	+32,992.632	+40,911.125	+1.24001
26	+33,049.788	+54,914.489	+1.66157
27	+32,994.196	+69,311.155	+2.10071
28	+32,800.018	+55,246.668	+1.68435
29	+32,904.007	+52,238.531	+1.58760
30	+33,050.416	+55,619.239	+1.68286
31	+33,635.643	+61,848.964	+1.83879
32	+33,954.703	+72,594.412	+2.13798
33	+35,495.457	+93,502.422	+2.63421
34	+36,669.048	+102,460.050	+2.79418
35	+36,934.779	+104,019.765	+2.81631
36	+36,507.499	+99,595.369	+2.72808
37	+35,803.054	+92,149.757	+2.57380
38	+35,332.762	+90,466.381	+2.56041
39	+34,635.452	+87,731.328	+2.53299
40	+33,643.912	+68,735.814	+2.04304
41	+32,621.139	+59,389.084	+1.82057
42	+31,294.175	+58,841.638	+1.88027

43	+29,796.203	+56,787.159	+1.90585
44	+28,134.486	+51,273.498	+1.82244
45	+26,626.207	+53,464.989	+2.00798
46	+25,130.862	+38,008.600	+1.51243
47	+23,754.270	+63,929.994	+2.69131
48	+22,589.493	+77,345.536	+3.42396

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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	+0.01769	+17,875.83	+0.00	+17,787.41	+13,225.764	+29,463.250
02	+0.01783	+22,612.03	+0.00	+22,473.11	+13,330.434	+29,463.250
03	+0.01756	+23,626.13	+0.00	+23,613.44	+13,128.571	+27,545.500
04	+0.01706	+17,290.50	+0.00	+17,260.13	+12,754.750	+27,545.500
05	+0.01661	+17,219.59	+0.00	+16,943.00	+12,418.312	+26,012.750
06	+0.01634	+13,303.58	+0.00	+13,233.16	+12,216.449	+26,012.750
07	+0.01629	+18,229.21	+0.00	+18,210.84	+12,179.067	+26,078.750
08	+0.01592	+14,147.93	+0.00	+13,767.68	+11,902.440	+26,078.750
09	+0.01570	+7,046.46	+0.00	+6,886.25	+11,737.959	+28,243.750
10	+0.01564	+7,749.36	+0.00	+7,707.48	+11,693.101	+28,243.750
11	+0.01564	+7,582.54	+0.00	+7,465.68	+11,693.101	+25,779.250
12	+0.01577	+7,914.52	+0.00	+7,819.41	+11,790.294	+25,779.250
13	+0.01621	+10,898.91	+0.00	+10,823.38	+12,119.256	+28,898.500
14	+0.01667	+18,984.11	+0.00	+18,722.05	+12,463.171	+23,498.500
15	+0.01725	+5,110.17	+0.00	+4,647.53	+12,896.802	+12,569.000
16	+0.01781	+11,108.26	+0.00	+10,107.23	+13,315.481	+12,569.000
17	+0.01877	+10,428.24	+0.00	+9,704.83	+14,033.216	+33.000
18	+0.01995	+12,817.66	+0.00	+12,817.66	+14,915.432	+33.000
19	+0.02112	+6,392.76	+0.00	+6,356.67	+15,790.172	+0.000
20	+0.02207	+12,565.92	+0.00	+12,546.40	+16,500.430	+0.000
21	+0.02274	+12,787.31	+0.00	+12,593.54	+17,001.350	+0.000
22	+0.02316	+18,319.98	+0.00	+18,170.32	+17,315.359	+5,379.940
23	+0.02350	+4,019.86	+0.00	+3,897.64	+17,569.557	+5,379.940
24	+0.02373	-6,134.57	+0.00	-6,134.57	+17,741.514	+5,379.940
25	+0.02394	-5,143.68	+0.00	-5,222.81	+17,898.519	+5,379.940
26	+0.02398	+9,127.21	+0.00	+8,712.46	+17,928.424	+5,379.940
27	+0.02394	+23,427.72	+0.00	+23,177.22	+17,898.519	+5,379.940
28	+0.02380	+15,001.79	+0.00	+14,731.00	+17,793.849	+0.000
29	+0.02387	+11,870.36	+0.00	+11,603.70	+17,846.184	+0.000
30	+0.02398	+15,128.93	+0.00	+14,797.15	+17,928.424	+0.000
31	+0.02441	+20,781.56	+0.00	+20,294.87	+18,249.910	+0.000
32	+0.02464	+31,566.00	+0.00	+30,648.78	+18,421.867	+0.000
33	+0.02576	+44,787.33	+0.00	+44,270.23	+19,259.225	+5,379.940
34	+0.02661	+51,958.89	+0.00	+51,780.87	+19,894.719	+5,379.940
35	+0.02680	+53,230.55	+0.00	+53,017.14	+20,036.771	+5,379.940
36	+0.02649	+49,217.71	+0.00	+49,120.47	+19,805.002	+5,379.940
37	+0.02598	+42,710.97	+0.00	+42,543.05	+19,423.706	+5,379.940
38	+0.02564	+41,697.34	+0.00	+41,438.47	+19,169.508	+5,379.940
39	+0.02513	+39,987.31	+0.00	+39,571.61	+18,788.211	+5,379.940
40	+0.02441	+27,358.99	+0.00	+27,181.72	+18,249.910	+0.000
41	+0.02367	+19,361.89	+0.00	+19,094.72	+17,696.656	+0.000
42	+0.02271	+20,317.18	+0.00	+20,181.52	+16,978.920	+0.000

43	+0.02162	+19,727.82	+.00	+19,423.84	+16,163.992	+558.750
44	+0.02041	+16,013.96	+.00	+15,970.01	+15,259.347	+558.750
45	+0.01932	+21,170.58	+.00	+21,093.55	+14,444.418	-517.750
46	+0.01823	+7,816.76	+.00	+7,492.71	+13,629.490	-517.750
47	+0.01724	+25,551.45	+.00	+25,315.42	+12,889.326	+9,266.250
48	+0.01639	+40,462.84	+.00	+40,177.95	+12,253.831	+9,266.250

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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	+0.000	+0.000	+0.000	+2,268.011	+0.000	+14,577.817
02	+0.000	+0.000	+0.000	+2,285.960	+0.000	+14,693.187
03	+0.000	+0.000	+0.000	+2,251.344	+0.000	+14,470.687
04	+0.000	+0.000	+0.000	+2,187.239	+0.000	+14,058.652
05	+0.000	+0.000	+0.000	+2,129.545	+0.000	+13,687.820
06	+0.000	+0.000	+0.000	+2,094.929	+0.000	+13,465.321
07	+0.000	+0.000	+0.000	+2,088.519	+0.000	+13,424.117
08	+0.000	+0.000	+0.000	+2,041.082	+0.000	+13,119.211
09	+0.000	+0.000	+0.000	+2,012.876	+0.000	+12,937.915
10	+0.000	+0.000	+0.000	+2,005.183	+0.000	+12,888.471
11	+0.000	+0.000	+0.000	+2,005.183	+0.000	+12,888.471
12	+0.000	+0.000	+0.000	+2,021.850	+0.000	+12,995.600
13	+0.000	+0.000	+0.000	+2,078.262	+0.000	+13,358.192
14	+0.000	+0.000	+0.000	+2,137.238	+0.000	+13,737.264
15	+0.000	+0.000	+0.000	+2,211.599	+0.000	+14,215.225
16	+0.000	+0.000	+0.000	+2,283.396	+0.000	+14,676.705
17	+0.000	+0.000	+0.000	+2,406.476	+0.000	+15,467.813
18	+0.000	+0.000	+0.000	+2,557.762	+0.000	+16,440.217
19	+0.000	+0.000	+0.000	+2,707.766	+0.000	+17,404.380
20	+0.000	+0.000	+0.000	+2,829.565	+0.000	+18,187.248
21	+0.000	+0.000	+0.000	+2,915.464	+0.000	+18,739.375
22	+0.000	+0.000	+0.000	+2,969.312	+0.000	+19,085.485
23	+0.000	+0.000	+0.000	+3,012.903	+0.000	+19,365.669
24	+0.000	+0.000	+0.000	+3,042.391	+0.000	+19,555.206
25	+0.000	+0.000	+0.000	+3,069.315	+0.000	+19,728.261
26	+0.000	+0.000	+0.000	+3,074.443	+0.000	+19,761.224
27	+0.000	+0.000	+0.000	+3,069.315	+0.000	+19,728.261
28	+0.000	+0.000	+0.000	+3,051.366	+0.000	+19,612.891
29	+0.000	+0.000	+0.000	+3,060.340	+0.000	+19,670.576
30	+0.000	+0.000	+0.000	+3,074.443	+0.000	+19,761.224
31	+0.000	+0.000	+0.000	+3,129.573	+0.000	+20,115.574
32	+0.000	+0.000	+0.000	+3,159.061	+0.000	+20,305.110
33	+0.000	+0.000	+0.000	+3,302.654	+0.000	+21,228.070
34	+0.000	+0.000	+0.000	+3,411.632	+0.000	+21,928.530
35	+0.000	+0.000	+0.000	+3,435.991	+0.000	+22,085.104
36	+0.000	+0.000	+0.000	+3,396.247	+0.000	+21,829.642
37	+0.000	+0.000	+0.000	+3,330.860	+0.000	+21,409.366
38	+0.000	+0.000	+0.000	+3,287.269	+0.000	+21,129.181
39	+0.000	+0.000	+0.000	+3,221.883	+0.000	+20,708.905
40	+0.000	+0.000	+0.000	+3,129.573	+0.000	+20,115.574
41	+0.000	+0.000	+0.000	+3,034.698	+0.000	+19,505.762
42	+0.000	+0.000	+0.000	+2,911.618	+0.000	+18,714.653

43	+.000	+.000	+.000	+2,771.871	+.000	+17,816.416
44	+.000	+.000	+.000	+2,616.738	+.000	+16,819.290
45	+.000	+.000	+.000	+2,476.991	+.000	+15,921.052
46	+.000	+.000	+.000	+2,337.243	+.000	+15,022.815
47	+.000	+.000	+.000	+2,210.317	+.000	+14,206.985
48	+.000	+.000	+.000	+2,101.340	+.000	+13,506.524

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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	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(£)
01	+.000	+.000	+73.032	+1,415.200	-1,445.447	+.000
02	+.000	+.000	+73.610	+1,426.400	-1,456.886	+.000
03	+.000	+.000	+72.495	+1,404.800	-1,434.825	+.000
04	+.000	+.000	+70.431	+1,364.800	-1,393.970	+.000
05	+.000	+.000	+68.573	+1,328.800	-1,357.200	+.000
06	+.000	+.000	+67.458	+1,307.200	-1,335.139	+.000
07	+.000	+.000	+67.252	+1,303.200	-1,331.053	+.000
08	+.000	+.000	+65.724	+1,273.600	-1,300.820	+.000
09	+.000	+.000	+64.816	+1,256.000	-1,282.844	+.000
10	+.000	+.000	+64.568	+1,251.200	-1,277.942	+.000
11	+.000	+.000	+64.568	+1,251.200	-1,277.942	+.000
12	+.000	+.000	+65.105	+1,261.600	-1,288.564	+.000
13	+.000	+.000	+66.922	+1,296.800	-1,324.516	+.000
14	+.000	+.000	+68.821	+1,333.600	-1,362.103	+.000
15	+.000	+.000	+71.215	+1,380.000	-1,409.495	+.000
16	+.000	+.000	+73.527	+1,424.800	-1,455.252	+.000
17	+.000	+.000	+77.490	+1,501.600	-1,533.694	+.000
18	+.000	+.000	+82.362	+1,596.000	-1,630.111	+.000
19	+.000	+.000	+87.192	+1,689.600	-1,725.712	+.000
20	+.000	+.000	+91.114	+1,765.600	-1,803.336	+.000
21	+.000	+.000	+93.880	+1,819.200	-1,858.082	+.000
22	+.000	+.000	+95.614	+1,852.800	-1,892.400	+.000
23	+.000	+.000	+97.018	+1,880.000	-1,920.181	+.000
24	+.000	+.000	+97.967	+1,898.400	-1,938.974	+.000
25	+.000	+.000	+98.834	+1,915.200	-1,956.133	+.000
26	+.000	+.000	+99.000	+1,918.400	-1,959.402	+.000
27	+.000	+.000	+98.834	+1,915.200	-1,956.133	+.000
28	+.000	+.000	+98.256	+1,904.000	-1,944.694	+.000
29	+.000	+.000	+98.545	+1,909.600	-1,950.414	+.000
30	+.000	+.000	+99.000	+1,918.400	-1,959.402	+.000
31	+.000	+.000	+100.775	+1,952.800	-1,994.537	+.000
32	+.000	+.000	+101.724	+1,971.200	-2,013.330	+.000
33	+.000	+.000	+106.348	+2,060.800	-2,104.845	+.000
34	+.000	+.000	+109.857	+2,128.800	-2,174.299	+.000
35	+.000	+.000	+110.642	+2,144.000	-2,189.823	+.000
36	+.000	+.000	+109.362	+2,119.200	-2,164.493	+.000
37	+.000	+.000	+107.256	+2,078.400	-2,122.821	+.000
38	+.000	+.000	+105.853	+2,051.200	-2,095.040	+.000
39	+.000	+.000	+103.747	+2,010.400	-2,053.368	+.000
40	+.000	+.000	+100.775	+1,952.800	-1,994.537	+.000
41	+.000	+.000	+97.720	+1,893.600	-1,934.072	+.000
42	+.000	+.000	+93.756	+1,816.800	-1,855.630	+.000

43	+.000	+.000	+89.256	+1,729.600	-1,766.567	+.000
44	+.000	+.000	+84.261	+1,632.800	-1,667.698	+.000
45	+.000	+.000	+79.761	+1,545.600	-1,578.634	+.000
46	+.000	+.000	+75.261	+1,458.400	-1,489.570	+.000
47	+.000	+.000	+71.174	+1,379.200	-1,408.677	+.000
48	+.000	+.000	+67.665	+1,311.200	-1,339.224	+.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	+77,365.036
02	+ .000	+82,289.064
03	+ .000	+81,052.012
04	+ .000	+73,847.533
05	+ .000	+71,231.600
06	+ .000	+67,062.129
07	+ .000	+72,020.692
08	+ .000	+66,947.666
09	+ .000	+61,856.722
10	+ .000	+62,575.812
11	+ .000	+59,869.512
12	+ .000	+60,444.546
13	+ .000	+67,316.795
14	+ .000	+70,598.541
15	+ .000	+46,581.877
16	+ .000	+52,994.887
17	+ .000	+41,690.733
18	+ .000	+46,812.323
19	+ .000	+42,310.069
20	+ .000	+50,117.021
21	+ .000	+51,304.728
22	+ .000	+62,976.431
23	+ .000	+49,282.546
24	+ .000	+39,641.874
25	+ .000	+40,911.125
26	+ .000	+54,914.489
27	+ .000	+69,311.155
28	+ .000	+55,246.668
29	+ .000	+52,238.531
30	+ .000	+55,619.239
31	+ .000	+61,848.964
32	+ .000	+72,594.412
33	+ .000	+93,502.422
34	+ .000	+102,460.050
35	+ .000	+104,019.765
36	+ .000	+99,595.369
37	+ .000	+92,149.757
38	+ .000	+90,466.381
39	+ .000	+87,731.328
40	+ .000	+68,735.814
41	+ .000	+59,389.084
42	+ .000	+58,841.638

43	+.000	+56,787.159
44	+.000	+51,273.498
45	+.000	+53,464.989
46	+.000	+38,008.600
47	+.000	+63,929.994
48	+.000	+77,345.536