

Date: 30/12/2019

Settlement Day:03/12/2019

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: 247

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+954,798.050	+17,785,672.940
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+934,112.440	+402,766,607.820
Balancing Services Contract Cost	+760,497.490	+217,506,535.671
Balancing Services Cost Variable	+545,531.840	+107,406,038.935
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	+124,896.917	+29,043,132.446
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+203,545,546.880
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,019,719.740
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-4,575,750.480
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+203,545,546.880
Total External Costs	+2,287,457.277	+764,406,284.132
Total Adjusted Energy Volume (MWh)	+1,650,944.014	

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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	+25,834.117	+60,385.095	+2.33742
02	+25,997.866	+54,038.794	+2.07859
03	+26,274.622	+46,778.795	+1.78038
04	+25,914.551	+42,824.569	+1.65253
05	+25,507.668	+43,905.778	+1.72128
06	+25,488.359	+53,622.060	+2.10379
07	+25,670.848	+52,580.867	+2.04827
08	+25,344.019	+45,757.130	+1.80544
09	+25,413.715	+43,932.615	+1.72870
10	+25,278.368	+49,325.735	+1.95130
11	+25,802.472	+70,225.228	+2.72165
12	+27,510.619	+81,521.888	+2.96329
13	+31,335.900	+98,633.339	+3.14761
14	+34,510.570	+89,089.496	+2.58151
15	+37,063.714	+78,092.587	+2.10698
16	+38,705.608	+82,002.292	+2.11862
17	+39,276.802	+59,304.971	+1.50992
18	+39,321.123	+54,157.828	+1.37732
19	+39,532.448	+55,558.113	+1.40538
20	+39,221.255	+50,738.805	+1.29366
21	+38,773.375	+43,820.406	+1.13017
22	+38,399.481	+38,192.573	+0.99461
23	+38,029.482	+45,349.029	+1.19247
24	+37,557.468	+39,696.642	+1.05696
25	+37,277.158	+32,075.652	+0.86046
26	+37,204.952	+23,557.606	+0.63318
27	+37,438.011	+27,209.370	+0.72678
28	+37,468.945	+20,865.078	+0.55686
29	+38,018.867	+40,974.989	+1.07775
30	+38,460.758	+49,564.648	+1.28871
31	+38,294.670	+74,782.320	+1.95281
32	+39,107.455	+98,787.733	+2.52606
33	+40,541.158	+85,484.682	+2.10859
34	+40,989.064	+78,651.671	+1.91885
35	+41,436.630	+97,796.479	+2.36015
36	+41,255.646	+90,295.052	+2.18867
37	+40,934.670	+111,484.555	+2.72348
38	+40,821.575	+107,523.562	+2.63399
39	+40,525.409	+77,979.523	+1.92421
40	+39,510.535	+61,986.735	+1.56887
41	+38,617.806	+96,220.818	+2.49162
42	+36,947.577	+64,461.945	+1.74469

43	+35,114.347	+75,186.523	+2.14119
44	+33,024.033	+59,517.041	+1.80223
45	+31,357.275	+66,781.448	+2.12970
46	+29,789.983	+72,303.478	+2.42711
47	+28,105.971	+107,290.376	+3.81735
48	+26,937.069	+111,245.037	+4.12981

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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	+0.01565	+30,869.90	+0.00	+29,933.61	+11,901.786	+4,912.500
02	+0.01575	+24,312.46	+0.00	+23,424.12	+11,977.835	+4,912.500
03	+0.01591	+16,011.16	+0.00	+15,903.02	+12,099.515	+4,912.500
04	+0.01570	+12,294.00	+0.00	+12,291.49	+11,939.811	+4,912.500
05	+0.01545	+13,808.66	+0.00	+13,780.67	+11,749.686	+4,912.500
06	+0.01544	+23,649.56	+0.00	+23,513.27	+11,742.081	+4,912.500
07	+0.01555	+22,305.73	+0.00	+22,292.57	+11,825.736	+4,912.500
08	+0.01535	+15,795.21	+0.00	+15,795.21	+11,673.636	+4,912.500
09	+0.01539	+14,277.03	+0.00	+13,905.42	+11,704.056	+4,912.500
10	+0.01531	+20,175.10	+0.00	+19,429.09	+11,643.217	+4,912.500
11	+0.01563	+19,438.48	+0.00	+18,002.95	+11,886.576	+26,715.930
12	+0.01666	+29,321.28	+0.00	+27,981.27	+12,669.888	+26,353.430
13	+0.01898	+41,332.97	+0.00	+39,405.99	+14,434.242	+28,254.190
14	+0.02090	+27,581.99	+0.00	+26,728.93	+15,894.398	+28,254.190
15	+0.02245	+12,438.84	+0.00	+11,670.85	+17,073.169	+29,785.940
16	+0.02344	+14,594.39	+0.00	+13,964.99	+17,826.061	+29,785.940
17	+0.02379	+15,067.30	+0.00	+15,050.01	+18,092.235	+5,432.440
18	+0.02382	+9,876.27	+0.00	+9,853.91	+18,115.050	+5,432.440
19	+0.02395	+11,198.44	+0.00	+11,042.05	+18,213.915	+5,432.440
20	+0.02376	+6,573.38	+0.00	+6,532.80	+18,069.420	+5,432.440
21	+0.02349	+68.20	+0.00	+55.01	+17,864.086	+5,432.440
22	+0.02326	-5,177.21	+0.00	-5,197.49	+17,689.172	+5,432.440
23	+0.02303	+2,514.74	+0.00	+2,334.30	+17,514.257	+5,432.440
24	+0.02275	-2,824.69	+0.00	-2,861.16	+17,301.318	+5,432.440
25	+0.02258	-10,123.66	+0.00	-10,204.73	+17,172.033	+5,432.440
26	+0.02254	-18,605.54	+0.00	-18,657.50	+17,141.613	+5,432.440
27	+0.02268	-9,702.98	+0.00	-9,801.76	+17,248.083	+0.000
28	+0.02270	-16,123.24	+0.00	-16,178.69	+17,263.293	+0.000
29	+0.02303	+3,532.82	+0.00	+3,392.70	+17,514.257	+0.000
30	+0.02330	+11,682.85	+0.00	+11,541.75	+17,719.592	+0.000
31	+0.02320	-3,378.43	+0.00	-3,842.95	+17,643.542	+40,765.560
32	+0.02369	+19,529.78	+0.00	+19,362.84	+18,016.186	+40,765.560
33	+0.02456	+40,295.74	+0.00	+39,973.17	+18,677.818	+5,432.440
34	+0.02483	+33,477.81	+0.00	+32,699.55	+18,883.153	+5,432.440
35	+0.02510	+33,893.92	+0.00	+32,979.56	+19,088.487	+23,856.630
36	+0.02499	+26,258.56	+0.00	+25,657.64	+19,004.832	+23,856.630
37	+0.02479	+13,991.02	+0.00	+12,942.03	+18,852.733	+58,088.120
38	+0.02473	+9,590.62	+0.00	+9,078.95	+18,807.103	+58,088.120
39	+0.02455	+33,474.99	+0.00	+32,484.33	+18,670.213	+5,432.440
40	+0.02393	+17,558.84	+0.00	+17,503.31	+18,198.705	+5,432.440
41	+0.02339	+53,473.22	+0.00	+52,618.61	+17,788.036	+5,432.440
42	+0.02238	+28,181.50	+0.00	+27,940.38	+17,019.934	+0.000

43	+0.02127	+40,741.84	+ .00	+40,476.35	+16,175.782	+ .000
44	+0.02000	+28,021.66	+ .00	+26,879.36	+15,209.950	+ .000
45	+0.01899	+36,082.24	+ .00	+35,791.97	+14,441.847	+ .000
46	+0.01804	+43,076.37	+ .00	+42,864.29	+13,719.375	+ .000
47	+0.01702	+80,054.34	+ .00	+79,515.71	+12,943.667	+ .000
48	+0.01632	+84,310.59	+ .00	+84,262.69	+12,411.319	+350.000

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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	+0.000	+0.000	+0.000	+1,954.637	+0.000	+12,896.712
02	+0.000	+0.000	+0.000	+1,967.126	+0.000	+12,979.119
03	+0.000	+0.000	+0.000	+1,987.110	+0.000	+13,110.970
04	+0.000	+0.000	+0.000	+1,960.882	+0.000	+12,937.915
05	+0.000	+0.000	+0.000	+1,929.657	+0.000	+12,731.898
06	+0.000	+0.000	+0.000	+1,928.408	+0.000	+12,723.657
07	+0.000	+0.000	+0.000	+1,942.147	+0.000	+12,814.305
08	+0.000	+0.000	+0.000	+1,917.168	+0.000	+12,649.490
09	+0.000	+0.000	+0.000	+1,922.164	+0.000	+12,682.453
10	+0.000	+0.000	+0.000	+1,912.172	+0.000	+12,616.528
11	+0.000	+0.000	+0.000	+1,952.139	+0.000	+12,880.230
12	+0.000	+0.000	+0.000	+2,080.783	+0.000	+13,729.024
13	+0.000	+0.000	+0.000	+2,370.543	+0.000	+15,640.868
14	+0.000	+0.000	+0.000	+2,610.346	+0.000	+17,223.085
15	+0.000	+0.000	+0.000	+2,803.936	+0.000	+18,500.395
16	+0.000	+0.000	+0.000	+2,927.584	+0.000	+19,316.225
17	+0.000	+0.000	+0.000	+2,971.298	+0.000	+19,604.650
18	+0.000	+0.000	+0.000	+2,975.045	+0.000	+19,629.372
19	+0.000	+0.000	+0.000	+2,991.281	+0.000	+19,736.501
20	+0.000	+0.000	+0.000	+2,967.551	+0.000	+19,579.928
21	+0.000	+0.000	+0.000	+2,933.829	+0.000	+19,357.429
22	+0.000	+0.000	+0.000	+2,905.102	+0.000	+19,167.892
23	+0.000	+0.000	+0.000	+2,876.376	+0.000	+18,978.356
24	+0.000	+0.000	+0.000	+2,841.405	+0.000	+18,747.616
25	+0.000	+0.000	+0.000	+2,820.172	+0.000	+18,607.524
26	+0.000	+0.000	+0.000	+2,815.177	+0.000	+18,574.561
27	+0.000	+0.000	+0.000	+2,832.662	+0.000	+18,689.931
28	+0.000	+0.000	+0.000	+2,835.160	+0.000	+18,706.413
29	+0.000	+0.000	+0.000	+2,876.376	+0.000	+18,978.356
30	+0.000	+0.000	+0.000	+2,910.098	+0.000	+19,200.855
31	+0.000	+0.000	+0.000	+2,897.608	+0.000	+19,118.448
32	+0.000	+0.000	+0.000	+2,958.808	+0.000	+19,522.243
33	+0.000	+0.000	+0.000	+3,067.468	+0.000	+20,239.185
34	+0.000	+0.000	+0.000	+3,101.190	+0.000	+20,461.684
35	+0.000	+0.000	+0.000	+3,134.913	+0.000	+20,684.183
36	+0.000	+0.000	+0.000	+3,121.174	+0.000	+20,593.535
37	+0.000	+0.000	+0.000	+3,096.195	+0.000	+20,428.721
38	+0.000	+0.000	+0.000	+3,088.701	+0.000	+20,379.277
39	+0.000	+0.000	+0.000	+3,066.219	+0.000	+20,230.944
40	+0.000	+0.000	+0.000	+2,988.783	+0.000	+19,720.020
41	+0.000	+0.000	+0.000	+2,921.339	+0.000	+19,275.022
42	+0.000	+0.000	+0.000	+2,795.193	+0.000	+18,442.710

43	+.000	+.000	+.000	+2,656.557	+.000	+17,527.991
44	+.000	+.000	+.000	+2,497.938	+.000	+16,481.421
45	+.000	+.000	+.000	+2,371.792	+.000	+15,649.109
46	+.000	+.000	+.000	+2,253.140	+.000	+14,866.242
47	+.000	+.000	+.000	+2,125.746	+.000	+14,025.689
48	+.000	+.000	+.000	+2,038.318	+.000	+13,448.839

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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	+64.610	+.000	-1,278.759	+.000
02	+.000	+.000	+65.023	+.000	-1,286.930	+.000
03	+.000	+.000	+65.683	+.000	-1,300.003	+.000
04	+.000	+.000	+64.816	+.000	-1,282.844	+.000
05	+.000	+.000	+63.784	+.000	-1,262.417	+.000
06	+.000	+.000	+63.743	+.000	-1,261.600	+.000
07	+.000	+.000	+64.197	+.000	-1,270.588	+.000
08	+.000	+.000	+63.371	+.000	-1,254.246	+.000
09	+.000	+.000	+63.536	+.000	-1,257.514	+.000
10	+.000	+.000	+63.206	+.000	-1,250.977	+.000
11	+.000	+.000	+64.527	+.000	-1,277.125	+.000
12	+.000	+.000	+68.779	+.000	-1,361.286	+.000
13	+.000	+.000	+78.357	+.000	-1,550.853	+.000
14	+.000	+.000	+86.284	+.000	-1,707.735	+.000
15	+.000	+.000	+92.683	+.000	-1,834.386	+.000
16	+.000	+.000	+96.770	+.000	-1,915.278	+.000
17	+.000	+.000	+98.215	+.000	-1,943.877	+.000
18	+.000	+.000	+98.339	+.000	-1,946.328	+.000
19	+.000	+.000	+98.876	+.000	-1,956.950	+.000
20	+.000	+.000	+98.091	+.000	-1,941.426	+.000
21	+.000	+.000	+96.977	+.000	-1,919.364	+.000
22	+.000	+.000	+96.027	+.000	-1,900.571	+.000
23	+.000	+.000	+95.078	+.000	-1,881.777	+.000
24	+.000	+.000	+93.922	+.000	-1,858.899	+.000
25	+.000	+.000	+93.220	+.000	-1,845.008	+.000
26	+.000	+.000	+93.055	+.000	-1,841.740	+.000
27	+.000	+.000	+93.633	+.000	-1,853.179	+.000
28	+.000	+.000	+93.715	+.000	-1,854.813	+.000
29	+.000	+.000	+95.078	+.000	-1,881.777	+.000
30	+.000	+.000	+96.192	+.000	-1,903.839	+.000
31	+.000	+.000	+95.779	+.000	-1,895.668	+.000
32	+.000	+.000	+97.802	+.000	-1,935.706	+.000
33	+.000	+.000	+101.394	+.000	-2,006.793	+.000
34	+.000	+.000	+102.509	+.000	-2,028.855	+.000
35	+.000	+.000	+103.623	+.000	-2,050.917	+.000
36	+.000	+.000	+103.169	+.000	-2,041.929	+.000
37	+.000	+.000	+102.344	+.000	-2,025.587	+.000
38	+.000	+.000	+102.096	+.000	-2,020.684	+.000
39	+.000	+.000	+101.353	+.000	-2,005.976	+.000
40	+.000	+.000	+98.793	+.000	-1,955.316	+.000
41	+.000	+.000	+96.564	+.000	-1,911.193	+.000
42	+.000	+.000	+92.394	+.000	-1,828.666	+.000

43	+.000	+.000	+87.811	+.000	-1,737.968	+.000
44	+.000	+.000	+82.568	+.000	-1,634.197	+.000
45	+.000	+.000	+78.399	+.000	-1,551.670	+.000
46	+.000	+.000	+74.477	+.000	-1,474.045	+.000
47	+.000	+.000	+70.266	+.000	-1,390.701	+.000
48	+.000	+.000	+67.376	+.000	-1,333.504	+.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	+60,385.095
02	+ .000	+54,038.794
03	+ .000	+46,778.795
04	+ .000	+42,824.569
05	+ .000	+43,905.778
06	+ .000	+53,622.060
07	+ .000	+52,580.867
08	+ .000	+45,757.130
09	+ .000	+43,932.615
10	+ .000	+49,325.735
11	+ .000	+70,225.228
12	+ .000	+81,521.888
13	+ .000	+98,633.339
14	+ .000	+89,089.496
15	+ .000	+78,092.587
16	+ .000	+82,002.292
17	+ .000	+59,304.971
18	+ .000	+54,157.828
19	+ .000	+55,558.113
20	+ .000	+50,738.805
21	+ .000	+43,820.406
22	+ .000	+38,192.573
23	+ .000	+45,349.029
24	+ .000	+39,696.642
25	+ .000	+32,075.652
26	+ .000	+23,557.606
27	+ .000	+27,209.370
28	+ .000	+20,865.078
29	+ .000	+40,974.989
30	+ .000	+49,564.648
31	+ .000	+74,782.320
32	+ .000	+98,787.733
33	+ .000	+85,484.682
34	+ .000	+78,651.671
35	+ .000	+97,796.479
36	+ .000	+90,295.052
37	+ .000	+111,484.555
38	+ .000	+107,523.562
39	+ .000	+77,979.523
40	+ .000	+61,986.735
41	+ .000	+96,220.818
42	+ .000	+64,461.945

43	+.000	+75,186.523
44	+.000	+59,517.041
45	+.000	+66,781.448
46	+.000	+72,303.478
47	+.000	+107,290.376
48	+.000	+111,245.037