

Date: 23/11/2020

Settlement Day:15/11/2020

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:20/21

Internal Scheme Name:2020/2021

Internal Scheme Day: 229

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+5,082,071.480	+651,931,866.870
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+5,041,743.660	+645,660,587.060
Balancing Services Contract Cost	-256,877.662	+229,974,392.174
Balancing Services Cost Variable	+1,103,524.340	+119,905,333.800
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+0.000	+33,683.210
Black Start Testing Costs	+0.000	+173,226.810
Black Start Availability Costs	+246,575.342	+53,636,201.996
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+613,907.380	+140,556,792.840
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+0.000	+0.000
ESO Incentive Recovery t-1	+0.000	+0.000
ALoMCP Recovery	+0.000	+0.000
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+613,907.380	+140,556,792.840
Total External Costs	+6,134,965.680	+1,049,383,425.050
Total Adjusted Energy Volume (MWh)	+1,152,802.861	

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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	+20,788.049	+307,517.579	+14.79300
02	+21,029.639	+313,979.706	+14.93034
03	+20,624.207	+301,328.045	+14.61041
04	+20,053.267	+281,536.608	+14.03944
05	+19,813.770	+284,991.356	+14.38350
06	+19,505.918	+276,124.263	+14.15592
07	+19,296.497	+277,755.519	+14.39409
08	+19,139.669	+251,029.764	+13.11568
09	+19,052.070	+257,650.002	+13.52346
10	+18,991.859	+256,404.455	+13.50076
11	+18,845.166	+250,650.423	+13.30052
12	+19,073.827	+224,909.724	+11.79154
13	+19,517.869	+196,679.654	+10.07690
14	+19,814.074	+179,185.941	+9.04337
15	+19,598.128	+165,292.356	+8.43409
16	+19,463.806	+131,363.143	+6.74910
17	+20,579.176	+54,290.375	+2.63812
18	+21,850.594	+63,594.061	+2.91040
19	+23,093.350	+61,860.514	+2.67872
20	+23,908.858	+78,049.374	+3.26445
21	+24,340.472	+74,999.968	+3.08129
22	+24,400.400	+71,978.804	+2.94990
23	+24,357.087	+69,373.375	+2.84818
24	+24,396.311	+63,375.773	+2.59776
25	+24,977.629	+69,557.162	+2.78478
26	+25,618.090	+71,186.514	+2.77876
27	+25,396.383	+76,691.829	+3.01979
28	+25,778.522	+75,111.229	+2.91371
29	+26,087.614	+74,625.623	+2.86058
30	+26,718.191	+72,462.375	+2.71210
31	+27,804.382	+69,463.564	+2.49830
32	+29,285.167	+68,424.129	+2.33648
33	+31,278.147	+76,986.725	+2.46136
34	+33,020.011	+98,875.459	+2.99441
35	+33,380.663	+107,568.483	+3.22248
36	+32,988.739	+94,335.877	+2.85964
37	+32,547.765	+88,132.381	+2.70779
38	+31,561.147	+76,131.427	+2.41219
39	+29,905.338	+79,764.685	+2.66724
40	+28,063.572	+84,971.997	+3.02784
41	+26,835.212	+96,497.416	+3.59593
42	+26,004.787	+110,184.260	+4.23708

43	+25,198.546	+115,027.487	+4.56485
44	+23,673.859	+89,543.288	+3.78237
45	+22,615.047	+99,643.011	+4.40605
46	+21,623.427	+114,449.911	+5.29287
47	+20,857.013	+166,591.376	+7.98731
48	+20,049.547	+178,726.072	+8.91422

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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	+0.01803	+238,525.54	+0.00	+237,469.80	-4,631.504	+59,164.780
02	+0.01824	+245,373.32	+0.00	+243,805.17	-4,685.449	+59,164.780
03	+0.01789	+233,445.72	+0.00	+231,474.12	-4,595.541	+59,055.430
04	+0.01740	+213,232.14	+0.00	+211,978.45	-4,469.671	+59,055.430
05	+0.01719	+216,749.12	+0.00	+215,123.30	-4,415.727	+59,492.085
06	+0.01692	+207,383.58	+0.00	+206,419.18	-4,346.370	+59,492.085
07	+0.01674	+207,313.78	+0.00	+206,085.17	-4,300.132	+61,566.000
08	+0.01660	+182,765.13	+0.00	+179,443.92	-4,264.169	+61,566.000
09	+0.01653	+185,265.14	+0.00	+184,066.77	-4,246.188	+63,605.640
10	+0.01647	+183,959.54	+0.00	+182,857.44	-4,230.775	+63,605.640
11	+0.01635	+179,976.09	+0.00	+178,702.18	-4,199.950	+62,079.300
12	+0.01655	+154,336.04	+0.00	+152,840.76	-4,251.325	+62,079.300
13	+0.01693	+124,887.65	+0.00	+123,346.60	-4,348.939	+63,114.020
14	+0.01719	+106,734.09	+0.00	+105,695.95	-4,415.727	+63,114.020
15	+0.01700	+99,625.77	+0.00	+99,081.46	-4,366.920	+55,949.610
16	+0.01688	+65,891.41	+0.00	+65,224.68	-4,336.095	+55,949.610
17	+0.01785	+51,893.77	+0.00	+51,257.12	-4,585.266	-7,741.095
18	+0.01895	+60,989.97	+0.00	+59,896.84	-4,867.832	-7,741.095
19	+0.02003	+56,815.27	+0.00	+56,289.43	-5,145.260	-6,519.125
20	+0.02074	+72,576.06	+0.00	+72,049.73	-5,327.643	-6,519.125
21	+0.02111	+71,262.69	+0.00	+70,792.99	-5,422.687	-8,535.125
22	+0.02117	+64,427.48	+0.00	+63,950.37	-5,438.100	-4,749.885
23	+0.02113	+61,489.29	+0.00	+61,338.23	-5,427.825	-4,719.030
24	+0.02116	+55,357.68	+0.00	+55,322.52	-5,435.531	-4,719.030
25	+0.02167	+59,716.92	+0.00	+59,675.09	-5,566.539	-3,198.050
26	+0.02222	+61,073.28	+0.00	+60,972.46	-5,707.822	-3,198.050
27	+0.02203	+61,334.56	+0.00	+61,033.42	-5,659.015	+2,360.990
28	+0.02236	+63,329.15	+0.00	+63,038.87	-5,743.785	-1,424.250
29	+0.02263	+62,665.72	+0.00	+62,390.29	-5,813.141	-1,424.250
30	+0.02318	+60,525.36	+0.00	+59,895.06	-5,954.424	-1,424.250
31	+0.02412	+55,568.15	+0.00	+55,425.86	-6,195.889	-521.250
32	+0.02540	+54,496.84	+0.00	+53,613.81	-6,524.693	-521.250
33	+0.02713	+57,539.54	+0.00	+56,376.83	-6,969.091	+4,234.090
34	+0.02864	+77,520.52	+0.00	+77,354.12	-7,356.976	+4,234.090
35	+0.02896	+85,921.78	+0.00	+85,853.99	-7,439.177	+4,234.090
36	+0.02862	+73,279.30	+0.00	+72,826.61	-7,351.839	+4,234.090
37	+0.02823	+67,232.90	+0.00	+66,858.52	-7,251.656	+4,234.090
38	+0.02738	+55,638.10	+0.00	+55,370.63	-7,033.310	+4,234.090
39	+0.02594	+60,650.17	+0.00	+59,953.23	-6,663.407	+4,153.940
40	+0.02434	+70,240.74	+0.00	+69,906.65	-6,252.402	+373.600
41	+0.02328	+82,781.55	+0.00	+82,447.44	-5,980.112	-1.950
42	+0.02256	+97,796.02	+0.00	+96,568.88	-5,795.160	-1.950

43	+0.02186	+101,472.30	+.00	+100,784.43	-5,615.346	+1,048.250
44	+0.02054	+76,800.73	+.00	+76,096.99	-5,276.267	+1,048.250
45	+0.01962	+81,024.23	+.00	+80,469.03	-5,039.940	+7,331.250
46	+0.01876	+97,359.99	+.00	+95,795.03	-4,819.025	+7,331.250
47	+0.01809	+84,136.30	+.00	+80,983.51	-4,646.917	+74,688.650
48	+0.01739	+93,691.06	+.00	+93,540.73	-4,467.103	+74,688.650

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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	+4,445.753	+0.000	+11,068.750
02	+0.000	+0.000	+0.000	+4,497.534	+0.000	+11,197.671
03	+0.000	+0.000	+0.000	+4,411.233	+0.000	+10,982.803
04	+0.000	+0.000	+0.000	+4,290.411	+0.000	+10,681.988
05	+0.000	+0.000	+0.000	+4,238.630	+0.000	+10,553.068
06	+0.000	+0.000	+0.000	+4,172.055	+0.000	+10,387.313
07	+0.000	+0.000	+0.000	+4,127.671	+0.000	+10,276.810
08	+0.000	+0.000	+0.000	+4,093.151	+0.000	+10,190.863
09	+0.000	+0.000	+0.000	+4,075.890	+0.000	+10,147.889
10	+0.000	+0.000	+0.000	+4,061.096	+0.000	+10,111.055
11	+0.000	+0.000	+0.000	+4,031.507	+0.000	+10,037.386
12	+0.000	+0.000	+0.000	+4,080.822	+0.000	+10,160.167
13	+0.000	+0.000	+0.000	+4,174.521	+0.000	+10,393.452
14	+0.000	+0.000	+0.000	+4,238.630	+0.000	+10,553.068
15	+0.000	+0.000	+0.000	+4,191.781	+0.000	+10,436.425
16	+0.000	+0.000	+0.000	+4,162.192	+0.000	+10,362.757
17	+0.000	+0.000	+0.000	+4,401.370	+0.000	+10,958.247
18	+0.000	+0.000	+0.000	+4,672.603	+0.000	+11,633.545
19	+0.000	+0.000	+0.000	+4,938.904	+0.000	+12,296.565
20	+0.000	+0.000	+0.000	+5,113.973	+0.000	+12,732.439
21	+0.000	+0.000	+0.000	+5,205.205	+0.000	+12,959.585
22	+0.000	+0.000	+0.000	+5,220.000	+0.000	+12,996.419
23	+0.000	+0.000	+0.000	+5,210.137	+0.000	+12,971.863
24	+0.000	+0.000	+0.000	+5,217.534	+0.000	+12,990.280
25	+0.000	+0.000	+0.000	+5,343.288	+0.000	+13,303.373
26	+0.000	+0.000	+0.000	+5,478.904	+0.000	+13,641.022
27	+0.000	+0.000	+0.000	+5,432.055	+0.000	+13,524.380
28	+0.000	+0.000	+0.000	+5,513.425	+0.000	+13,726.969
29	+0.000	+0.000	+0.000	+5,580.000	+0.000	+13,892.724
30	+0.000	+0.000	+0.000	+5,715.616	+0.000	+14,230.373
31	+0.000	+0.000	+0.000	+5,947.397	+0.000	+14,807.446
32	+0.000	+0.000	+0.000	+6,263.014	+0.000	+15,593.247
33	+0.000	+0.000	+0.000	+6,689.589	+0.000	+16,655.307
34	+0.000	+0.000	+0.000	+7,061.918	+0.000	+17,582.307
35	+0.000	+0.000	+0.000	+7,140.822	+0.000	+17,778.758
36	+0.000	+0.000	+0.000	+7,056.986	+0.000	+17,570.029
37	+0.000	+0.000	+0.000	+6,960.822	+0.000	+17,330.605
38	+0.000	+0.000	+0.000	+6,751.233	+0.000	+16,808.784
39	+0.000	+0.000	+0.000	+6,396.164	+0.000	+15,924.757
40	+0.000	+0.000	+0.000	+6,001.644	+0.000	+14,942.506
41	+0.000	+0.000	+0.000	+5,740.274	+0.000	+14,291.764
42	+0.000	+0.000	+0.000	+5,562.740	+0.000	+13,849.750

43	+.000	+.000	+.000	+5,390.137	+.000	+13,420.015
44	+.000	+.000	+.000	+5,064.658	+.000	+12,609.658
45	+.000	+.000	+.000	+4,837.808	+.000	+12,044.863
46	+.000	+.000	+.000	+4,625.753	+.000	+11,516.902
47	+.000	+.000	+.000	+4,460.548	+.000	+11,105.585
48	+.000	+.000	+.000	+4,287.945	+.000	+10,675.849

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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	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
02	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
03	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
04	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
05	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
06	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
07	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
08	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
09	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
10	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
11	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
12	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
13	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
14	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
15	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
16	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
17	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
18	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
19	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
20	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
21	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
22	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
23	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
24	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
25	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
26	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
27	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
28	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
29	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
30	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
31	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
32	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
33	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
34	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
35	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
36	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
37	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
38	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
39	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
40	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
41	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000
42	+0.000	+0.000	+0.000	+0.000	+0.000	+0.000



43	+.000	+.000	+.000	+.000	+.000	+.000
44	+.000	+.000	+.000	+.000	+.000	+.000
45	+.000	+.000	+.000	+.000	+.000	+.000
46	+.000	+.000	+.000	+.000	+.000	+.000
47	+.000	+.000	+.000	+.000	+.000	+.000
48	+.000	+.000	+.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	+307,517.579
02	+ .000	+313,979.706
03	+ .000	+301,328.045
04	+ .000	+281,536.608
05	+ .000	+284,991.356
06	+ .000	+276,124.263
07	+ .000	+277,755.519
08	+ .000	+251,029.764
09	+ .000	+257,650.002
10	+ .000	+256,404.455
11	+ .000	+250,650.423
12	+ .000	+224,909.724
13	+ .000	+196,679.654
14	+ .000	+179,185.941
15	+ .000	+165,292.356
16	+ .000	+131,363.143
17	+ .000	+54,290.375
18	+ .000	+63,594.061
19	+ .000	+61,860.514
20	+ .000	+78,049.374
21	+ .000	+74,999.968
22	+ .000	+71,978.804
23	+ .000	+69,373.375
24	+ .000	+63,375.773
25	+ .000	+69,557.162
26	+ .000	+71,186.514
27	+ .000	+76,691.829
28	+ .000	+75,111.229
29	+ .000	+74,625.623
30	+ .000	+72,462.375
31	+ .000	+69,463.564
32	+ .000	+68,424.129
33	+ .000	+76,986.725
34	+ .000	+98,875.459
35	+ .000	+107,568.483
36	+ .000	+94,335.877
37	+ .000	+88,132.381
38	+ .000	+76,131.427
39	+ .000	+79,764.685
40	+ .000	+84,971.997
41	+ .000	+96,497.416
42	+ .000	+110,184.260

43	+.000	+115,027.487
44	+.000	+89,543.288
45	+.000	+99,643.011
46	+.000	+114,449.911
47	+.000	+166,591.376
48	+.000	+178,726.072