

Date: 14/01/2021

Settlement Day:21/11/2019

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 235

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,466,136.310	+392,728,305.960
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,448,536.180	+387,630,136.300
Balancing Services Contract Cost	+779,481.447	+213,511,144.763
Balancing Services Cost Variable	+2,131,123.560	+104,188,629.690
ESO Incentive Recovery Costs	-21,485.790	+5,026,420.580
Black Start Capital Costs	+4,092.783	+119,631.663
Black Start Testing Costs	+0.000	+203,621.826
Black Start Availability Costs	+119,817.100	+27,153,473.666
Black Start Other Costs	+0.000	+69,815.007
System Operator Internal Costs	+824,071.040	+193,656,694.400
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,482,361.200
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	+824,071.040	+193,656,694.400
Total External Costs	+4,467,873.200	+739,385,234.695
Total Adjusted Energy Volume (MWh)	+1,622,584.671	

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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	+24,795.250	+153,276.967	+6.18171
02	+25,129.817	+151,806.317	+6.04088
03	+25,114.683	+151,348.034	+6.02628
04	+24,914.947	+135,044.490	+5.42022
05	+24,838.004	+130,802.736	+5.26623
06	+24,617.029	+130,438.416	+5.29871
07	+24,382.172	+129,344.566	+5.30488
08	+24,017.021	+139,032.591	+5.78892
09	+24,081.724	+138,317.652	+5.74368
10	+24,351.290	+143,220.170	+5.88142
11	+24,470.894	+167,956.120	+6.86351
12	+25,738.514	+142,043.162	+5.51870
13	+28,421.369	+161,309.414	+5.67564
14	+31,569.268	+133,231.546	+4.22029
15	+35,304.100	+123,208.151	+3.48991
16	+37,124.244	+122,711.999	+3.30544
17	+37,843.420	+109,411.215	+2.89116
18	+38,106.653	+109,434.933	+2.87181
19	+38,676.988	+112,439.162	+2.90713
20	+38,930.166	+104,639.965	+2.68789
21	+38,877.212	+105,838.057	+2.72237
22	+38,833.788	+101,872.678	+2.62330
23	+38,997.310	+98,021.157	+2.51354
24	+38,982.635	+96,831.187	+2.48396
25	+39,140.883	+93,200.202	+2.38115
26	+38,985.069	+95,925.737	+2.46058
27	+39,087.207	+94,820.314	+2.42587
28	+38,811.836	+93,677.625	+2.41364
29	+38,703.545	+98,788.355	+2.55244
30	+38,717.949	+101,984.148	+2.63403
31	+39,196.775	+98,709.594	+2.51831
32	+39,993.819	+116,731.543	+2.91874
33	+40,463.327	+90,064.875	+2.22584
34	+40,796.423	+85,590.522	+2.09799
35	+40,895.612	+89,279.879	+2.18312
36	+40,549.422	+79,354.850	+1.95699
37	+40,228.127	+90,480.563	+2.24919
38	+40,064.511	+81,370.924	+2.03100
39	+39,976.332	+86,207.880	+2.15647
40	+38,990.868	+80,558.987	+2.06610
41	+37,524.879	+89,154.300	+2.37587
42	+36,073.524	+85,588.884	+2.37262

43	+34,018.016	+88,929.046	+2.61417
44	+32,048.630	+83,264.209	+2.59806
45	+30,629.464	+78,442.361	+2.56101
46	+28,797.795	+96,500.510	+3.35097
47	+26,043.755	+87,365.566	+3.35457
48	+24,728.405	+114,406.926	+4.62654

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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	+0.01528	+115,985.67	+0.00	+115,670.76	+11,910.477	+11,442.500
02	+0.01549	+114,203.21	+0.00	+113,840.53	+12,074.168	+11,442.500
03	+0.01548	+113,479.31	+0.00	+113,190.87	+12,066.373	+11,651.000
04	+0.01536	+97,883.16	+0.00	+97,092.80	+11,972.835	+11,651.000
05	+0.01531	+93,049.45	+0.00	+92,766.66	+11,933.861	+11,821.000
06	+0.01517	+93,054.67	+0.00	+92,642.06	+11,824.734	+11,821.000
07	+0.01503	+92,514.53	+0.00	+91,957.93	+11,715.606	+11,651.000
08	+0.01480	+102,518.33	+0.00	+102,039.78	+11,536.325	+11,651.000
09	+0.01484	+102,023.80	+0.00	+101,406.35	+11,567.505	+11,501.000
10	+0.01501	+106,286.05	+0.00	+106,017.78	+11,700.017	+11,501.000
11	+0.01508	+113,604.66	+0.00	+113,076.87	+11,754.580	+29,058.000
12	+0.01586	+86,046.52	+0.00	+85,828.33	+12,362.576	+29,058.000
13	+0.01752	+43,563.75	+0.00	+42,624.25	+13,656.515	+88,685.940
14	+0.01946	+11,570.42	+0.00	+11,224.55	+15,168.709	+88,685.940
15	+0.02176	+7,628.94	+0.00	+6,818.49	+16,961.516	+79,130.350
16	+0.02288	+4,743.07	+0.00	+4,404.58	+17,834.536	+79,130.350
17	+0.02332	+2,434.82	+0.00	+1,669.35	+18,177.507	+67,811.390
18	+0.02349	+1,687.63	+0.00	+1,401.98	+18,310.019	+67,811.390
19	+0.02384	+5,601.06	+0.00	+5,297.01	+18,582.838	+66,321.290
20	+0.02399	-2,493.87	+0.00	-2,759.03	+18,699.760	+66,321.290
21	+0.02396	-7,265.58	+0.00	-7,352.29	+18,676.375	+72,164.010
22	+0.02393	-11,117.39	+0.00	-11,266.30	+18,652.991	+72,164.010
23	+0.02403	-12,348.79	+0.00	-12,450.82	+18,730.939	+69,325.780
24	+0.02403	-13,454.72	+0.00	-13,640.79	+18,730.939	+69,325.780
25	+0.02412	-11,315.46	+0.00	-11,548.49	+18,801.093	+63,448.390
26	+0.02403	-8,374.38	+0.00	-8,668.85	+18,730.939	+63,448.390
27	+0.02409	-3,273.65	+0.00	-4,160.56	+18,777.708	+57,731.940
28	+0.02392	-4,527.65	+0.00	-5,012.16	+18,645.196	+57,731.940
29	+0.02385	-4,195.61	+0.00	-4,424.98	+18,590.633	+62,375.350
30	+0.02386	-1,030.56	+0.00	-1,246.31	+18,598.427	+62,375.350
31	+0.02416	+9,086.00	+0.00	+8,565.05	+18,832.272	+48,775.750
32	+0.02465	+26,073.81	+0.00	+25,747.98	+19,214.218	+48,775.750
33	+0.02494	+28,774.54	+0.00	+28,135.04	+19,440.267	+19,225.460
34	+0.02514	+23,679.10	+0.00	+23,318.23	+19,596.164	+19,225.460
35	+0.02520	+26,608.20	+0.00	+26,478.37	+19,642.932	+19,651.940
36	+0.02499	+17,019.92	+0.00	+16,912.92	+19,479.241	+19,651.940
37	+0.02479	-1,489.37	+0.00	-1,682.41	+19,323.345	+49,715.440
38	+0.02469	-10,244.42	+0.00	-10,620.82	+19,245.397	+49,715.440
39	+0.02464	-3,251.20	+0.00	-3,363.75	+19,206.423	+47,380.940
40	+0.02403	-7,725.34	+0.00	-7,968.15	+18,730.939	+47,380.940
41	+0.02313	-7,432.68	+0.00	-8,129.00	+18,029.406	+57,678.160
42	+0.02223	-4,607.44	+0.00	-4,773.42	+17,327.873	+52,298.220

43	+0.02097	-1,925.57	+.00	-2,128.32	+16,345.726	+55,150.760
44	+0.01975	-5,447.25	+.00	-5,704.17	+15,394.759	+55,150.760
45	+0.01888	-3,704.92	+.00	-3,902.93	+14,716.610	+50,017.360
46	+0.01775	+16,502.57	+.00	+16,090.10	+13,835.796	+50,017.360
47	+0.01605	+53,794.26	+.00	+53,346.40	+12,510.677	+6,537.000
48	+0.01524	+81,944.71	+.00	+81,774.71	+11,879.297	+6,537.000

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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	-328.303	+62.538	+0.000	+1,830.805	+0.000	+12,591.805
02	-332.815	+63.397	+0.000	+1,855.967	+0.000	+12,764.860
03	-332.600	+63.356	+0.000	+1,854.769	+0.000	+12,756.620
04	-330.022	+62.865	+0.000	+1,840.391	+0.000	+12,657.731
05	-328.947	+62.661	+0.000	+1,834.400	+0.000	+12,616.528
06	-325.939	+62.088	+0.000	+1,817.625	+0.000	+12,501.158
07	-322.931	+61.515	+0.000	+1,800.851	+0.000	+12,385.788
08	-317.990	+60.573	+0.000	+1,773.293	+0.000	+12,196.251
09	-318.849	+60.737	+0.000	+1,778.086	+0.000	+12,229.214
10	-322.502	+61.433	+0.000	+1,798.455	+0.000	+12,369.306
11	-324.006	+61.719	+0.000	+1,806.842	+0.000	+12,426.991
12	-340.765	+64.912	+0.000	+1,900.299	+0.000	+13,069.767
13	-376.431	+71.706	+0.000	+2,099.196	+0.000	+14,437.725
14	-418.113	+79.646	+0.000	+2,331.641	+0.000	+16,036.422
15	-467.531	+89.059	+0.000	+2,607.220	+0.000	+17,931.786
16	-491.595	+93.643	+0.000	+2,741.415	+0.000	+18,854.745
17	-501.049	+95.444	+0.000	+2,794.135	+0.000	+19,217.337
18	-504.701	+96.139	+0.000	+2,814.504	+0.000	+19,357.429
19	-512.221	+97.572	+0.000	+2,856.440	+0.000	+19,645.854
20	-515.444	+98.186	+0.000	+2,874.412	+0.000	+19,769.464
21	-514.800	+98.063	+0.000	+2,870.818	+0.000	+19,744.742
22	-514.155	+97.940	+0.000	+2,867.223	+0.000	+19,720.020
23	-516.304	+98.350	+0.000	+2,879.205	+0.000	+19,802.427
24	-516.304	+98.350	+0.000	+2,879.205	+0.000	+19,802.427
25	-518.237	+98.718	+0.000	+2,889.988	+0.000	+19,876.593
26	-516.304	+98.350	+0.000	+2,879.205	+0.000	+19,802.427
27	-517.593	+98.595	+0.000	+2,886.394	+0.000	+19,851.871
28	-513.940	+97.899	+0.000	+2,866.025	+0.000	+19,711.779
29	-512.436	+97.613	+0.000	+2,857.638	+0.000	+19,654.094
30	-512.651	+97.654	+0.000	+2,858.836	+0.000	+19,662.335
31	-519.097	+98.882	+0.000	+2,894.781	+0.000	+19,909.556
32	-529.625	+100.887	+0.000	+2,953.492	+0.000	+20,313.351
33	-535.856	+102.074	+0.000	+2,988.238	+0.000	+20,552.332
34	-540.153	+102.893	+0.000	+3,012.202	+0.000	+20,717.146
35	-541.442	+103.138	+0.000	+3,019.391	+0.000	+20,766.590
36	-536.930	+102.279	+0.000	+2,994.229	+0.000	+20,593.535
37	-532.633	+101.460	+0.000	+2,970.266	+0.000	+20,428.721
38	-530.484	+101.051	+0.000	+2,958.284	+0.000	+20,346.314
39	-529.410	+100.846	+0.000	+2,952.293	+0.000	+20,305.110
40	-516.304	+98.350	+0.000	+2,879.205	+0.000	+19,802.427
41	-496.966	+94.666	+0.000	+2,771.370	+0.000	+19,060.763
42	-477.629	+90.983	+0.000	+2,663.534	+0.000	+18,319.099

43	-450.557	+85.826	+.000	+2,512.565	+.000	+17,280.770
44	-424.344	+80.832	+.000	+2,366.388	+.000	+16,275.403
45	-405.652	+77.272	+.000	+2,262.147	+.000	+15,558.461
46	-381.373	+72.647	+.000	+2,126.754	+.000	+14,627.261
47	-344.847	+65.689	+.000	+1,923.064	+.000	+13,226.340
48	-327.443	+62.374	+.000	+1,826.013	+.000	+12,558.843

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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	+96.385	+.000	+.000	+.000	+.000
02	+.000	+97.710	+.000	+.000	+.000	+.000
03	+.000	+97.647	+.000	+.000	+.000	+.000
04	+.000	+96.890	+.000	+.000	+.000	+.000
05	+.000	+96.574	+.000	+.000	+.000	+.000
06	+.000	+95.691	+.000	+.000	+.000	+.000
07	+.000	+94.808	+.000	+.000	+.000	+.000
08	+.000	+93.357	+.000	+.000	+.000	+.000
09	+.000	+93.610	+.000	+.000	+.000	+.000
10	+.000	+94.682	+.000	+.000	+.000	+.000
11	+.000	+95.123	+.000	+.000	+.000	+.000
12	+.000	+100.044	+.000	+.000	+.000	+.000
13	+.000	+110.515	+.000	+.000	+.000	+.000
14	+.000	+122.752	+.000	+.000	+.000	+.000
15	+.000	+137.260	+.000	+.000	+.000	+.000
16	+.000	+144.325	+.000	+.000	+.000	+.000
17	+.000	+147.101	+.000	+.000	+.000	+.000
18	+.000	+148.173	+.000	+.000	+.000	+.000
19	+.000	+150.381	+.000	+.000	+.000	+.000
20	+.000	+151.327	+.000	+.000	+.000	+.000
21	+.000	+151.138	+.000	+.000	+.000	+.000
22	+.000	+150.949	+.000	+.000	+.000	+.000
23	+.000	+151.579	+.000	+.000	+.000	+.000
24	+.000	+151.579	+.000	+.000	+.000	+.000
25	+.000	+152.147	+.000	+.000	+.000	+.000
26	+.000	+151.579	+.000	+.000	+.000	+.000
27	+.000	+151.958	+.000	+.000	+.000	+.000
28	+.000	+150.885	+.000	+.000	+.000	+.000
29	+.000	+150.444	+.000	+.000	+.000	+.000
30	+.000	+150.507	+.000	+.000	+.000	+.000
31	+.000	+152.399	+.000	+.000	+.000	+.000
32	+.000	+155.490	+.000	+.000	+.000	+.000
33	+.000	+157.320	+.000	+.000	+.000	+.000
34	+.000	+158.581	+.000	+.000	+.000	+.000
35	+.000	+158.960	+.000	+.000	+.000	+.000
36	+.000	+157.635	+.000	+.000	+.000	+.000
37	+.000	+156.373	+.000	+.000	+.000	+.000
38	+.000	+155.743	+.000	+.000	+.000	+.000
39	+.000	+155.427	+.000	+.000	+.000	+.000
40	+.000	+151.579	+.000	+.000	+.000	+.000
41	+.000	+145.902	+.000	+.000	+.000	+.000
42	+.000	+140.225	+.000	+.000	+.000	+.000



43	+.000	+132.277	+.000	+.000	+.000	+.000
44	+.000	+124.581	+.000	+.000	+.000	+.000
45	+.000	+119.094	+.000	+.000	+.000	+.000
46	+.000	+111.966	+.000	+.000	+.000	+.000
47	+.000	+101.242	+.000	+.000	+.000	+.000
48	+.000	+96.133	+.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	+153,276.967
02	+ .000	+151,806.317
03	+ .000	+151,348.034
04	+ .000	+135,044.490
05	+ .000	+130,802.736
06	+ .000	+130,438.416
07	+ .000	+129,344.566
08	+ .000	+139,032.591
09	+ .000	+138,317.652
10	+ .000	+143,220.170
11	+ .000	+167,956.120
12	+ .000	+142,043.162
13	+ .000	+161,309.414
14	+ .000	+133,231.546
15	+ .000	+123,208.151
16	+ .000	+122,711.999
17	+ .000	+109,411.215
18	+ .000	+109,434.933
19	+ .000	+112,439.162
20	+ .000	+104,639.965
21	+ .000	+105,838.057
22	+ .000	+101,872.678
23	+ .000	+98,021.157
24	+ .000	+96,831.187
25	+ .000	+93,200.202
26	+ .000	+95,925.737
27	+ .000	+94,820.314
28	+ .000	+93,677.625
29	+ .000	+98,788.355
30	+ .000	+101,984.148
31	+ .000	+98,709.594
32	+ .000	+116,731.543
33	+ .000	+90,064.875
34	+ .000	+85,590.522
35	+ .000	+89,279.879
36	+ .000	+79,354.850
37	+ .000	+90,480.563
38	+ .000	+81,370.924
39	+ .000	+86,207.880
40	+ .000	+80,558.987
41	+ .000	+89,154.300
42	+ .000	+85,588.884

43	+.000	+88,929.046
44	+.000	+83,264.209
45	+.000	+78,442.361
46	+.000	+96,500.510
47	+.000	+87,365.566
48	+.000	+114,406.926