

Date: 28/02/2020

Settlement Day:20/02/2020

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 326

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+4,671,010.060	+298,063,270.660
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+4,621,179.390	+699,824,731.190
Balancing Services Contract Cost	+987,657.790	+248,845,649.572
Balancing Services Cost Variable	+140,311.420	+132,568,817.005
ESO Incentive Recovery Costs	+0.000	+7,581,967.850
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+40,189,767.049
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+268,647,159.040
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,345,864.920
ESO Incentive Recovery t-1	+0.000	+3,920,000.000
ALoMCP Recovery	-81,709.830	-9,805,179.600
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+268,647,159.040
Total External Costs	+5,794,854.861	+1,124,471,617.986
Total Adjusted Energy Volume (MWh)	+1,405,703.350	

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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	+22,770.151	+114,080.208	+5.01008
02	+23,123.234	+108,827.347	+4.70641
03	+23,132.576	+104,123.212	+4.50115
04	+22,645.330	+88,651.979	+3.91480
05	+22,321.827	+87,862.079	+3.93615
06	+22,213.980	+79,851.664	+3.59466
07	+22,085.611	+88,046.695	+3.98661
08	+21,889.779	+83,015.524	+3.79243
09	+21,496.075	+66,503.263	+3.09374
10	+21,349.985	+63,805.739	+2.98856
11	+21,603.683	+81,302.097	+3.76334
12	+22,259.214	+86,287.077	+3.87647
13	+24,590.479	+88,066.900	+3.58134
14	+26,933.701	+96,648.706	+3.58839
15	+29,074.410	+102,592.428	+3.52862
16	+30,275.906	+90,595.422	+2.99233
17	+31,422.395	+102,767.444	+3.27052
18	+32,332.594	+114,770.847	+3.54969
19	+32,668.425	+104,462.692	+3.19767
20	+33,050.206	+98,842.749	+2.99068
21	+33,312.816	+103,162.982	+3.09680
22	+33,422.686	+123,579.426	+3.69747
23	+33,616.433	+149,755.853	+4.45484
24	+33,724.222	+155,868.388	+4.62185
25	+33,889.318	+159,835.460	+4.71640
26	+33,568.756	+172,944.670	+5.15195
27	+33,324.689	+170,602.726	+5.11941
28	+32,337.499	+168,347.087	+5.20594
29	+32,117.408	+167,855.672	+5.22631
30	+31,860.891	+171,124.824	+5.37100
31	+31,451.181	+167,319.603	+5.31998
32	+31,549.466	+168,931.843	+5.35451
33	+32,448.184	+164,646.822	+5.07415
34	+33,225.312	+182,142.706	+5.48205
35	+34,426.925	+200,918.105	+5.83607
36	+35,750.666	+203,516.534	+5.69266
37	+36,463.920	+213,172.046	+5.84611
38	+36,199.365	+194,585.314	+5.37538
39	+35,666.365	+181,923.568	+5.10070
40	+34,873.007	+170,085.865	+4.87729
41	+33,554.863	+176,859.126	+5.27074
42	+32,228.577	+179,119.297	+5.55778

43	+30,524.252	+174,334.616	+5.71135
44	+28,664.397	+163,383.642	+5.69988
45	+27,119.845	+163,610.983	+6.03289
46	+25,540.609	+161,612.616	+6.32767
47	+24,264.411	+174,023.870	+7.17198
48	+23,337.726	+184,502.463	+7.90576

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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	+0.01620	+84,291.59	+0.00	+84,096.17	+16,000.056	-106.410
02	+0.01645	+78,655.07	+0.00	+78,378.95	+16,246.971	-106.410
03	+0.01646	+73,850.70	+0.00	+73,656.24	+16,256.847	-106.410
04	+0.01611	+59,150.96	+0.00	+58,835.11	+15,911.167	-106.410
05	+0.01588	+58,890.29	+0.00	+58,472.42	+15,684.006	-106.410
06	+0.01580	+51,474.13	+0.00	+50,610.60	+15,604.993	-106.410
07	+0.01571	+60,329.62	+0.00	+58,972.80	+15,516.104	-106.410
08	+0.01557	+54,428.19	+0.00	+54,201.67	+15,377.832	-106.410
09	+0.01529	+38,541.44	+0.00	+38,209.49	+15,101.288	-106.410
10	+0.01519	+35,734.87	+0.00	+35,697.71	+15,002.522	-106.410
11	+0.01537	+45,272.06	+0.00	+44,835.98	+15,180.300	+7,917.340
12	+0.01583	+49,248.57	+0.00	+48,966.54	+15,634.623	+7,917.340
13	+0.01749	+52,809.15	+0.00	+50,303.02	+17,274.135	+5,277.340
14	+0.01916	+56,076.01	+0.00	+55,782.91	+18,923.523	+5,277.340
15	+0.02068	+59,078.77	+0.00	+58,415.83	+20,424.763	+5,764.840
16	+0.02154	+45,094.26	+0.00	+44,821.43	+21,274.149	+5,764.840
17	+0.02235	+55,953.39	+0.00	+55,488.93	+22,074.152	+5,764.840
18	+0.02300	+66,654.18	+0.00	+66,285.00	+22,716.129	+5,764.840
19	+0.02324	+55,652.62	+0.00	+55,531.06	+22,953.167	+5,764.840
20	+0.02351	+49,656.59	+0.00	+49,409.61	+23,219.835	+5,764.840
21	+0.02370	+53,625.86	+0.00	+53,376.93	+23,407.490	+5,764.840
22	+0.02378	+73,864.15	+0.00	+73,644.78	+23,486.502	+5,764.840
23	+0.02391	+99,686.02	+0.00	+99,579.74	+23,614.898	+5,764.840
24	+0.02399	+109,600.98	+0.00	+105,543.68	+23,693.910	+5,764.840
25	+0.02411	+112,838.08	+0.00	+110,156.46	+23,812.429	+4,896.240
26	+0.02388	+127,080.90	+0.00	+123,692.88	+23,585.268	+4,896.240
27	+0.02371	+130,352.09	+0.00	+126,562.94	+23,417.366	+0.000
28	+0.02300	+130,513.48	+0.00	+125,626.08	+22,716.129	+0.000
29	+0.02285	+127,972.14	+0.00	+125,413.28	+22,567.981	+0.000
30	+0.02267	+131,713.00	+0.00	+129,016.77	+22,390.202	+0.000
31	+0.02237	+128,454.83	+0.00	+125,768.78	+22,093.905	+0.000
32	+0.02244	+129,680.11	+0.00	+127,251.00	+22,163.041	+0.000
33	+0.02308	+125,551.72	+0.00	+121,777.22	+22,795.142	+0.000
34	+0.02364	+135,602.92	+0.00	+133,336.70	+23,348.230	+4,896.240
35	+0.02449	+149,973.09	+0.00	+149,664.68	+24,187.739	+5,764.840
36	+0.02543	+150,877.95	+0.00	+150,517.12	+25,116.138	+5,764.840
37	+0.02594	+159,456.51	+0.00	+159,225.34	+25,619.843	+5,764.840
38	+0.02575	+141,155.07	+0.00	+140,991.52	+25,432.188	+5,764.840
39	+0.02537	+129,288.62	+0.00	+129,035.60	+25,056.878	+5,764.840
40	+0.02481	+118,454.40	+0.00	+118,238.06	+24,503.790	+5,764.840
41	+0.02387	+127,027.10	+0.00	+126,757.31	+23,575.391	+5,764.840
42	+0.02293	+136,198.37	+0.00	+135,659.71	+22,646.993	+868.600

43	+0.02171	+135,336.26	+.00	+135,104.61	+21,442.051	-1,094.910
44	+0.02039	+126,900.72	+.00	+126,605.45	+20,138.342	-1,094.910
45	+0.01929	+128,811.72	+.00	+128,459.72	+19,051.919	-678.660
46	+0.01817	+128,660.39	+.00	+128,541.68	+17,945.742	-678.660
47	+0.01726	+139,920.55	+.00	+139,477.69	+17,046.973	+2,486.850
48	+0.01660	+151,570.57	+.00	+151,182.19	+16,395.119	+2,486.850

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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	+1,997.260	+0.000	+13,349.951
02	+0.000	+0.000	+0.000	+2,028.082	+0.000	+13,555.969
03	+0.000	+0.000	+0.000	+2,029.315	+0.000	+13,564.209
04	+0.000	+0.000	+0.000	+1,986.164	+0.000	+13,275.784
05	+0.000	+0.000	+0.000	+1,957.808	+0.000	+13,086.248
06	+0.000	+0.000	+0.000	+1,947.945	+0.000	+13,020.322
07	+0.000	+0.000	+0.000	+1,936.849	+0.000	+12,946.156
08	+0.000	+0.000	+0.000	+1,919.589	+0.000	+12,830.786
09	+0.000	+0.000	+0.000	+1,885.068	+0.000	+12,600.046
10	+0.000	+0.000	+0.000	+1,872.740	+0.000	+12,517.639
11	+0.000	+0.000	+0.000	+1,894.932	+0.000	+12,665.972
12	+0.000	+0.000	+0.000	+1,951.644	+0.000	+13,045.045
13	+0.000	+0.000	+0.000	+2,156.301	+0.000	+14,413.002
14	+0.000	+0.000	+0.000	+2,362.192	+0.000	+15,789.201
15	+0.000	+0.000	+0.000	+2,549.589	+0.000	+17,041.789
16	+0.000	+0.000	+0.000	+2,655.616	+0.000	+17,750.490
17	+0.000	+0.000	+0.000	+2,755.479	+0.000	+18,417.988
18	+0.000	+0.000	+0.000	+2,835.616	+0.000	+18,953.634
19	+0.000	+0.000	+0.000	+2,865.205	+0.000	+19,151.411
20	+0.000	+0.000	+0.000	+2,898.493	+0.000	+19,373.910
21	+0.000	+0.000	+0.000	+2,921.918	+0.000	+19,530.484
22	+0.000	+0.000	+0.000	+2,931.781	+0.000	+19,596.409
23	+0.000	+0.000	+0.000	+2,947.808	+0.000	+19,703.539
24	+0.000	+0.000	+0.000	+2,957.671	+0.000	+19,769.464
25	+0.000	+0.000	+0.000	+2,972.466	+0.000	+19,868.353
26	+0.000	+0.000	+0.000	+2,944.110	+0.000	+19,678.816
27	+0.000	+0.000	+0.000	+2,923.151	+0.000	+19,538.724
28	+0.000	+0.000	+0.000	+2,835.616	+0.000	+18,953.634
29	+0.000	+0.000	+0.000	+2,817.123	+0.000	+18,830.023
30	+0.000	+0.000	+0.000	+2,794.932	+0.000	+18,681.690
31	+0.000	+0.000	+0.000	+2,757.945	+0.000	+18,434.469
32	+0.000	+0.000	+0.000	+2,766.575	+0.000	+18,492.154
33	+0.000	+0.000	+0.000	+2,845.479	+0.000	+19,019.560
34	+0.000	+0.000	+0.000	+2,914.521	+0.000	+19,481.039
35	+0.000	+0.000	+0.000	+3,019.315	+0.000	+20,181.500
36	+0.000	+0.000	+0.000	+3,135.205	+0.000	+20,956.127
37	+0.000	+0.000	+0.000	+3,198.082	+0.000	+21,376.403
38	+0.000	+0.000	+0.000	+3,174.658	+0.000	+21,219.829
39	+0.000	+0.000	+0.000	+3,127.808	+0.000	+20,906.682
40	+0.000	+0.000	+0.000	+3,058.767	+0.000	+20,445.203
41	+0.000	+0.000	+0.000	+2,942.877	+0.000	+19,670.576
42	+0.000	+0.000	+0.000	+2,826.986	+0.000	+18,895.949

43	+.000	+.000	+.000	+2,676.575	+.000	+17,890.582
44	+.000	+.000	+.000	+2,513.836	+.000	+16,802.809
45	+.000	+.000	+.000	+2,378.219	+.000	+15,896.330
46	+.000	+.000	+.000	+2,240.137	+.000	+14,973.371
47	+.000	+.000	+.000	+2,127.945	+.000	+14,223.466
48	+.000	+.000	+.000	+2,046.575	+.000	+13,679.579

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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	+66.880	+.000	-1,323.699	+.000
02	+.000	+.000	+67.913	+.000	-1,344.127	+.000
03	+.000	+.000	+67.954	+.000	-1,344.944	+.000
04	+.000	+.000	+66.509	+.000	-1,316.345	+.000
05	+.000	+.000	+65.559	+.000	-1,297.552	+.000
06	+.000	+.000	+65.229	+.000	-1,291.015	+.000
07	+.000	+.000	+64.857	+.000	-1,283.661	+.000
08	+.000	+.000	+64.279	+.000	-1,272.222	+.000
09	+.000	+.000	+63.124	+.000	-1,249.343	+.000
10	+.000	+.000	+62.711	+.000	-1,241.172	+.000
11	+.000	+.000	+63.454	+.000	-1,255.880	+.000
12	+.000	+.000	+65.353	+.000	-1,293.467	+.000
13	+.000	+.000	+72.206	+.000	-1,429.105	+.000
14	+.000	+.000	+79.101	+.000	-1,565.560	+.000
15	+.000	+.000	+85.376	+.000	-1,689.759	+.000
16	+.000	+.000	+88.926	+.000	-1,760.030	+.000
17	+.000	+.000	+92.270	+.000	-1,826.215	+.000
18	+.000	+.000	+94.954	+.000	-1,879.326	+.000
19	+.000	+.000	+95.944	+.000	-1,898.936	+.000
20	+.000	+.000	+97.059	+.000	-1,920.998	+.000
21	+.000	+.000	+97.844	+.000	-1,936.523	+.000
22	+.000	+.000	+98.174	+.000	-1,943.060	+.000
23	+.000	+.000	+98.711	+.000	-1,953.682	+.000
24	+.000	+.000	+99.041	+.000	-1,960.219	+.000
25	+.000	+.000	+99.536	+.000	-1,970.024	+.000
26	+.000	+.000	+98.587	+.000	-1,951.231	+.000
27	+.000	+.000	+97.885	+.000	-1,937.340	+.000
28	+.000	+.000	+94.954	+.000	-1,879.326	+.000
29	+.000	+.000	+94.334	+.000	-1,867.070	+.000
30	+.000	+.000	+93.591	+.000	-1,852.362	+.000
31	+.000	+.000	+92.353	+.000	-1,827.849	+.000
32	+.000	+.000	+92.642	+.000	-1,833.569	+.000
33	+.000	+.000	+95.284	+.000	-1,885.863	+.000
34	+.000	+.000	+97.596	+.000	-1,931.620	+.000
35	+.000	+.000	+101.105	+.000	-2,001.074	+.000
36	+.000	+.000	+104.986	+.000	-2,077.881	+.000
37	+.000	+.000	+107.091	+.000	-2,119.553	+.000
38	+.000	+.000	+106.307	+.000	-2,104.028	+.000
39	+.000	+.000	+104.738	+.000	-2,072.978	+.000
40	+.000	+.000	+102.426	+.000	-2,027.221	+.000
41	+.000	+.000	+98.545	+.000	-1,950.414	+.000
42	+.000	+.000	+94.665	+.000	-1,873.606	+.000

43	+.000	+.000	+89.628	+.000	-1,773.920	+.000
44	+.000	+.000	+84.178	+.000	-1,666.063	+.000
45	+.000	+.000	+79.637	+.000	-1,576.183	+.000
46	+.000	+.000	+75.013	+.000	-1,484.668	+.000
47	+.000	+.000	+71.257	+.000	-1,410.312	+.000
48	+.000	+.000	+68.532	+.000	-1,356.383	+.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	+114,080.208
02	+ .000	+108,827.347
03	+ .000	+104,123.212
04	+ .000	+88,651.979
05	+ .000	+87,862.079
06	+ .000	+79,851.664
07	+ .000	+88,046.695
08	+ .000	+83,015.524
09	+ .000	+66,503.263
10	+ .000	+63,805.739
11	+ .000	+81,302.097
12	+ .000	+86,287.077
13	+ .000	+88,066.900
14	+ .000	+96,648.706
15	+ .000	+102,592.428
16	+ .000	+90,595.422
17	+ .000	+102,767.444
18	+ .000	+114,770.847
19	+ .000	+104,462.692
20	+ .000	+98,842.749
21	+ .000	+103,162.982
22	+ .000	+123,579.426
23	+ .000	+149,755.853
24	+ .000	+155,868.388
25	+ .000	+159,835.460
26	+ .000	+172,944.670
27	+ .000	+170,602.726
28	+ .000	+168,347.087
29	+ .000	+167,855.672
30	+ .000	+171,124.824
31	+ .000	+167,319.603
32	+ .000	+168,931.843
33	+ .000	+164,646.822
34	+ .000	+182,142.706
35	+ .000	+200,918.105
36	+ .000	+203,516.534
37	+ .000	+213,172.046
38	+ .000	+194,585.314
39	+ .000	+181,923.568
40	+ .000	+170,085.865
41	+ .000	+176,859.126
42	+ .000	+179,119.297

43	+.000	+174,334.616
44	+.000	+163,383.642
45	+.000	+163,610.983
46	+.000	+161,612.616
47	+.000	+174,023.870
48	+.000	+184,502.463