

Date: 22/01/2020

Settlement Day:14/01/2020

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: 289

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+7,599,296.560	+143,668,418.290
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+7,523,887.270	+548,253,963.290
Balancing Services Contract Cost	+590,976.061	+214,496,594.093
Balancing Services Cost Variable	+409,923.180	+123,495,348.575
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	+35,628,123.222
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+238,156,530.560
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,193,113.380
ESO Incentive Recovery t-1	+0.000	+3,920,000.000
ALoMCP Recovery	-81,709.830	-6,781,915.890
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+238,156,530.560
Total External Costs	+8,570,492.772	+927,787,194.520
Total Adjusted Energy Volume (MWh)	+1,470,373.999	

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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	+23,817.852	+320,657.414	+13.46290
02	+24,288.725	+318,902.496	+13.12965
03	+24,208.309	+327,442.610	+13.52604
04	+23,849.353	+318,233.770	+13.34350
05	+23,528.082	+304,826.564	+12.95586
06	+23,219.484	+301,000.176	+12.96326
07	+22,686.595	+284,836.564	+12.55528
08	+22,415.176	+279,427.321	+12.46599
09	+22,733.389	+302,064.737	+13.28727
10	+22,645.920	+294,239.742	+12.99306
11	+22,445.635	+286,925.404	+12.78313
12	+23,170.545	+289,010.053	+12.47317
13	+25,472.782	+273,928.368	+10.75377
14	+28,436.803	+242,789.660	+8.53787
15	+31,439.151	+214,663.207	+6.82789
16	+33,399.486	+210,475.649	+6.30176
17	+33,652.105	+197,038.574	+5.85516
18	+33,865.429	+182,981.310	+5.40319
19	+34,370.520	+180,125.284	+5.24069
20	+34,600.814	+150,369.567	+4.34584
21	+34,705.021	+152,554.139	+4.39574
22	+35,080.427	+135,349.625	+3.85827
23	+34,927.041	+106,599.242	+3.05205
24	+34,770.863	+122,163.587	+3.51339
25	+34,793.328	+134,696.415	+3.87133
26	+34,843.548	+137,165.695	+3.93662
27	+35,029.815	+130,032.705	+3.71206
28	+35,036.545	+136,302.623	+3.89030
29	+35,010.328	+147,683.998	+4.21830
30	+34,927.488	+108,730.832	+3.11304
31	+35,068.021	+92,047.798	+2.62484
32	+35,893.012	+105,130.870	+2.92901
33	+36,952.297	+136,798.172	+3.70202
34	+37,740.903	+163,514.999	+4.33257
35	+38,026.664	+170,195.652	+4.47569
36	+37,791.637	+144,320.311	+3.81884
37	+37,244.005	+117,789.253	+3.16264
38	+36,844.777	+109,487.889	+2.97160
39	+35,821.063	+99,375.332	+2.77422
40	+34,584.780	+107,646.909	+3.11255
41	+33,127.787	+125,099.383	+3.77627
42	+31,299.550	+134,808.969	+4.30706

43	+29,718.358	+168,766.415	+5.67886
44	+27,686.724	+182,266.666	+6.58318
45	+26,407.661	+215,183.260	+8.14852
46	+25,034.564	+216,795.050	+8.65983
47	+24,345.823	+252,489.786	+10.37097
48	+23,415.814	+261,615.161	+11.17258

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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	+281,772.19	+0.00	+278,343.04	+9,573.812	+18,650.170
02	+0.01652	+284,816.51	+0.00	+276,120.68	+9,762.925	+18,650.170
03	+0.01646	+293,104.64	+0.00	+284,748.44	+9,727.466	+18,650.170
04	+0.01622	+283,434.38	+0.00	+275,890.18	+9,585.632	+18,650.170
05	+0.01600	+267,613.94	+0.00	+262,804.34	+9,455.617	+18,650.170
06	+0.01579	+262,834.56	+0.00	+259,284.71	+9,331.512	+18,650.170
07	+0.01543	+246,024.31	+0.00	+243,646.97	+9,118.761	+18,650.170
08	+0.01524	+241,135.33	+0.00	+238,515.27	+9,006.475	+18,650.170
09	+0.01546	+262,493.01	+0.00	+260,109.72	+9,136.490	+19,371.770
10	+0.01540	+255,148.73	+0.00	+252,372.37	+9,101.031	+19,371.770
11	+0.01527	+246,910.76	+0.00	+244,593.03	+9,024.204	+20,026.670
12	+0.01576	+246,952.09	+0.00	+245,961.91	+9,313.783	+20,026.670
13	+0.01732	+227,403.49	+0.00	+225,905.01	+10,235.705	+22,723.110
14	+0.01934	+193,732.39	+0.00	+191,815.58	+11,429.477	+22,723.110
15	+0.02138	+178,815.82	+0.00	+177,617.18	+12,635.068	+5,815.120
16	+0.02271	+172,695.39	+0.00	+171,486.82	+13,421.066	+5,815.120
17	+0.02289	+158,253.68	+0.00	+157,301.81	+13,527.442	+6,300.120
18	+0.02303	+143,761.37	+0.00	+143,040.04	+13,610.179	+6,300.120
19	+0.02338	+140,206.99	+0.00	+139,672.75	+13,817.020	+6,300.120
20	+0.02353	+110,387.29	+0.00	+109,697.92	+13,905.667	+6,300.120
21	+0.02360	+112,078.15	+0.00	+111,780.24	+13,947.035	+6,300.120
22	+0.02386	+94,560.82	+0.00	+94,195.93	+14,100.689	+6,300.120
23	+0.02375	+65,868.76	+0.00	+65,606.23	+14,035.681	+6,300.120
24	+0.02365	+81,570.35	+0.00	+81,316.65	+13,976.584	+6,300.120
25	+0.02366	+95,196.80	+0.00	+94,702.55	+13,982.494	+5,432.440
26	+0.02370	+97,460.26	+0.00	+97,113.40	+14,006.133	+5,432.440
27	+0.02382	+95,733.85	+0.00	+95,237.56	+14,077.050	+0.000
28	+0.02383	+101,888.51	+0.00	+101,492.87	+14,082.960	+0.000
29	+0.02381	+113,447.38	+0.00	+112,903.46	+14,071.140	+0.000
30	+0.02375	+74,546.83	+0.00	+74,037.94	+14,035.681	+0.000
31	+0.02385	+57,290.10	+0.00	+57,208.83	+14,094.779	+0.000
32	+0.02441	+69,644.06	+0.00	+69,473.88	+14,425.726	+0.000
33	+0.02513	+94,898.91	+0.00	+94,657.00	+14,851.228	+5,432.440
34	+0.02567	+121,165.44	+0.00	+120,585.02	+15,170.355	+5,432.440
35	+0.02586	+127,289.99	+0.00	+126,988.13	+15,282.641	+5,432.440
36	+0.02570	+101,491.61	+0.00	+101,346.51	+15,188.085	+5,432.440
37	+0.02533	+75,792.93	+0.00	+75,355.93	+14,969.424	+5,432.440
38	+0.02506	+67,942.05	+0.00	+67,448.97	+14,809.860	+5,432.440
39	+0.02436	+58,851.18	+0.00	+58,358.94	+14,396.177	+5,432.440
40	+0.02352	+68,334.79	+0.00	+67,857.55	+13,899.757	+5,432.440
41	+0.02253	+87,563.17	+0.00	+86,756.17	+13,314.691	+5,432.440
42	+0.02129	+104,437.98	+0.00	+103,709.53	+12,581.880	+0.000

43	+0.02021	+140,630.15	+.00	+139,010.94	+11,943.626	+233.650
44	+0.01883	+156,279.49	+.00	+154,527.03	+11,128.079	+233.650
45	+0.01796	+186,774.08	+.00	+185,779.82	+10,613.930	+3,168.310
46	+0.01703	+189,491.91	+.00	+188,750.11	+10,064.322	+3,168.310
47	+0.01656	+226,224.50	+.00	+224,356.33	+9,786.564	+3,943.380
48	+0.01593	+235,345.64	+.00	+234,401.98	+9,414.249	+3,943.380

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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	+2,036.712	+0.000	+13,613.654
03	+0.000	+0.000	+0.000	+2,029.315	+0.000	+13,564.209
04	+0.000	+0.000	+0.000	+1,999.726	+0.000	+13,366.432
05	+0.000	+0.000	+0.000	+1,972.603	+0.000	+13,185.137
06	+0.000	+0.000	+0.000	+1,946.712	+0.000	+13,012.082
07	+0.000	+0.000	+0.000	+1,902.329	+0.000	+12,715.416
08	+0.000	+0.000	+0.000	+1,878.904	+0.000	+12,558.843
09	+0.000	+0.000	+0.000	+1,906.027	+0.000	+12,740.138
10	+0.000	+0.000	+0.000	+1,898.630	+0.000	+12,690.694
11	+0.000	+0.000	+0.000	+1,882.603	+0.000	+12,583.565
12	+0.000	+0.000	+0.000	+1,943.014	+0.000	+12,987.360
13	+0.000	+0.000	+0.000	+2,135.342	+0.000	+14,272.910
14	+0.000	+0.000	+0.000	+2,384.384	+0.000	+15,937.534
15	+0.000	+0.000	+0.000	+2,635.890	+0.000	+17,618.639
16	+0.000	+0.000	+0.000	+2,799.863	+0.000	+18,714.653
17	+0.000	+0.000	+0.000	+2,822.055	+0.000	+18,862.986
18	+0.000	+0.000	+0.000	+2,839.315	+0.000	+18,978.356
19	+0.000	+0.000	+0.000	+2,882.466	+0.000	+19,266.781
20	+0.000	+0.000	+0.000	+2,900.959	+0.000	+19,390.392
21	+0.000	+0.000	+0.000	+2,909.589	+0.000	+19,448.077
22	+0.000	+0.000	+0.000	+2,941.644	+0.000	+19,662.335
23	+0.000	+0.000	+0.000	+2,928.082	+0.000	+19,571.687
24	+0.000	+0.000	+0.000	+2,915.753	+0.000	+19,489.280
25	+0.000	+0.000	+0.000	+2,916.986	+0.000	+19,497.521
26	+0.000	+0.000	+0.000	+2,921.918	+0.000	+19,530.484
27	+0.000	+0.000	+0.000	+2,936.712	+0.000	+19,629.372
28	+0.000	+0.000	+0.000	+2,937.945	+0.000	+19,637.613
29	+0.000	+0.000	+0.000	+2,935.479	+0.000	+19,621.131
30	+0.000	+0.000	+0.000	+2,928.082	+0.000	+19,571.687
31	+0.000	+0.000	+0.000	+2,940.411	+0.000	+19,654.094
32	+0.000	+0.000	+0.000	+3,009.452	+0.000	+20,115.574
33	+0.000	+0.000	+0.000	+3,098.219	+0.000	+20,708.905
34	+0.000	+0.000	+0.000	+3,164.795	+0.000	+21,153.904
35	+0.000	+0.000	+0.000	+3,188.219	+0.000	+21,310.477
36	+0.000	+0.000	+0.000	+3,168.493	+0.000	+21,178.626
37	+0.000	+0.000	+0.000	+3,122.877	+0.000	+20,873.719
38	+0.000	+0.000	+0.000	+3,089.589	+0.000	+20,651.220
39	+0.000	+0.000	+0.000	+3,003.288	+0.000	+20,074.371
40	+0.000	+0.000	+0.000	+2,899.726	+0.000	+19,382.151
41	+0.000	+0.000	+0.000	+2,777.671	+0.000	+18,566.321
42	+0.000	+0.000	+0.000	+2,624.795	+0.000	+17,544.472

43	+.000	+.000	+.000	+2,491.644	+.000	+16,654.476
44	+.000	+.000	+.000	+2,321.507	+.000	+15,517.258
45	+.000	+.000	+.000	+2,214.247	+.000	+14,800.316
46	+.000	+.000	+.000	+2,099.589	+.000	+14,033.930
47	+.000	+.000	+.000	+2,041.644	+.000	+13,646.616
48	+.000	+.000	+.000	+1,963.973	+.000	+13,127.452

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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	+68.201	+.000	-1,349.846	+.000
03	+.000	+.000	+67.954	+.000	-1,344.944	+.000
04	+.000	+.000	+66.963	+.000	-1,325.333	+.000
05	+.000	+.000	+66.055	+.000	-1,307.357	+.000
06	+.000	+.000	+65.188	+.000	-1,290.198	+.000
07	+.000	+.000	+63.702	+.000	-1,260.783	+.000
08	+.000	+.000	+62.917	+.000	-1,245.258	+.000
09	+.000	+.000	+63.825	+.000	-1,263.234	+.000
10	+.000	+.000	+63.578	+.000	-1,258.331	+.000
11	+.000	+.000	+63.041	+.000	-1,247.709	+.000
12	+.000	+.000	+65.064	+.000	-1,287.747	+.000
13	+.000	+.000	+71.504	+.000	-1,415.214	+.000
14	+.000	+.000	+79.844	+.000	-1,580.268	+.000
15	+.000	+.000	+88.266	+.000	-1,746.956	+.000
16	+.000	+.000	+93.756	+.000	-1,855.630	+.000
17	+.000	+.000	+94.500	+.000	-1,870.338	+.000
18	+.000	+.000	+95.078	+.000	-1,881.777	+.000
19	+.000	+.000	+96.522	+.000	-1,910.376	+.000
20	+.000	+.000	+97.142	+.000	-1,922.632	+.000
21	+.000	+.000	+97.431	+.000	-1,928.352	+.000
22	+.000	+.000	+98.504	+.000	-1,949.597	+.000
23	+.000	+.000	+98.050	+.000	-1,940.608	+.000
24	+.000	+.000	+97.637	+.000	-1,932.437	+.000
25	+.000	+.000	+97.678	+.000	-1,933.255	+.000
26	+.000	+.000	+97.844	+.000	-1,936.523	+.000
27	+.000	+.000	+98.339	+.000	-1,946.328	+.000
28	+.000	+.000	+98.380	+.000	-1,947.145	+.000
29	+.000	+.000	+98.298	+.000	-1,945.511	+.000
30	+.000	+.000	+98.050	+.000	-1,940.608	+.000
31	+.000	+.000	+98.463	+.000	-1,948.779	+.000
32	+.000	+.000	+100.775	+.000	-1,994.537	+.000
33	+.000	+.000	+103.747	+.000	-2,053.368	+.000
34	+.000	+.000	+105.977	+.000	-2,097.491	+.000
35	+.000	+.000	+106.761	+.000	-2,113.016	+.000
36	+.000	+.000	+106.100	+.000	-2,099.943	+.000
37	+.000	+.000	+104.573	+.000	-2,069.710	+.000
38	+.000	+.000	+103.458	+.000	-2,047.648	+.000
39	+.000	+.000	+100.568	+.000	-1,990.451	+.000
40	+.000	+.000	+97.100	+.000	-1,921.815	+.000
41	+.000	+.000	+93.013	+.000	-1,840.922	+.000
42	+.000	+.000	+87.894	+.000	-1,739.602	+.000



43	+.000	+.000	+83.435	+.000	-1,651.356	+.000
44	+.000	+.000	+77.738	+.000	-1,538.596	+.000
45	+.000	+.000	+74.146	+.000	-1,467.509	+.000
46	+.000	+.000	+70.307	+.000	-1,391.518	+.000
47	+.000	+.000	+68.367	+.000	-1,353.115	+.000
48	+.000	+.000	+65.766	+.000	-1,301.638	+.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	+320,657.414
02	+ .000	+318,902.496
03	+ .000	+327,442.610
04	+ .000	+318,233.770
05	+ .000	+304,826.564
06	+ .000	+301,000.176
07	+ .000	+284,836.564
08	+ .000	+279,427.321
09	+ .000	+302,064.737
10	+ .000	+294,239.742
11	+ .000	+286,925.404
12	+ .000	+289,010.053
13	+ .000	+273,928.368
14	+ .000	+242,789.660
15	+ .000	+214,663.207
16	+ .000	+210,475.649
17	+ .000	+197,038.574
18	+ .000	+182,981.310
19	+ .000	+180,125.284
20	+ .000	+150,369.567
21	+ .000	+152,554.139
22	+ .000	+135,349.625
23	+ .000	+106,599.242
24	+ .000	+122,163.587
25	+ .000	+134,696.415
26	+ .000	+137,165.695
27	+ .000	+130,032.705
28	+ .000	+136,302.623
29	+ .000	+147,683.998
30	+ .000	+108,730.832
31	+ .000	+92,047.798
32	+ .000	+105,130.870
33	+ .000	+136,798.172
34	+ .000	+163,514.999
35	+ .000	+170,195.652
36	+ .000	+144,320.311
37	+ .000	+117,789.253
38	+ .000	+109,487.889
39	+ .000	+99,375.332
40	+ .000	+107,646.909
41	+ .000	+125,099.383
42	+ .000	+134,808.969

43	+.000	+168,766.415
44	+.000	+182,266.666
45	+.000	+215,183.260
46	+.000	+216,795.050
47	+.000	+252,489.786
48	+.000	+261,615.161