

Date: 22/01/2020

Settlement Day:28/12/2019

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: 272

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+3,917,775.480	+99,248,568.670
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+3,889,750.180	+483,424,759.130
Balancing Services Contract Cost	+700,883.723	+239,850,127.821
Balancing Services Cost Variable	+177,908.410	+118,097,075.505
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	+122,648.326	+32,120,070.444
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+224,147,322.880
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,122,930.240
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-6,618,496.230
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+224,147,322.880
Total External Costs	+4,813,609.229	+879,236,466.910
Total Adjusted Energy Volume (MWh)	+1,227,259.359	

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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	+21,595.354	+99,749.182	+4.61901
02	+21,598.057	+97,655.742	+4.52151
03	+21,116.315	+91,255.143	+4.32155
04	+20,765.710	+82,713.787	+3.98319
05	+20,865.560	+102,682.849	+4.92116
06	+20,864.508	+97,326.269	+4.66468
07	+20,619.094	+115,881.164	+5.62009
08	+20,742.190	+115,911.706	+5.58821
09	+20,788.271	+132,424.977	+6.37018
10	+20,727.777	+138,408.476	+6.67744
11	+20,857.286	+139,868.569	+6.70598
12	+20,842.416	+139,259.618	+6.68155
13	+21,432.051	+152,285.909	+7.10552
14	+21,722.526	+175,324.944	+8.07111
15	+22,430.579	+162,797.016	+7.25782
16	+23,258.774	+169,706.001	+7.29643
17	+23,775.691	+158,590.910	+6.67030
18	+24,935.188	+152,406.011	+6.11209
19	+25,903.632	+129,612.968	+5.00366
20	+26,600.976	+128,697.160	+4.83806
21	+27,449.843	+118,947.415	+4.33326
22	+27,944.802	+120,405.384	+4.30869
23	+28,370.076	+117,298.691	+4.13459
24	+28,258.522	+110,768.279	+3.91982
25	+28,605.361	+109,509.355	+3.82828
26	+28,672.298	+105,229.966	+3.67009
27	+28,499.471	+94,624.853	+3.32023
28	+28,321.701	+84,573.830	+2.98618
29	+28,303.087	+82,618.460	+2.91906
30	+28,259.973	+84,390.449	+2.98622
31	+28,464.667	+100,761.723	+3.53989
32	+29,046.479	+105,044.263	+3.61642
33	+30,431.348	+121,076.268	+3.97867
34	+31,728.430	+115,438.760	+3.63834
35	+32,673.663	+109,230.477	+3.34307
36	+32,317.621	+103,558.071	+3.20438
37	+31,807.819	+102,203.792	+3.21317
38	+30,879.608	+107,815.355	+3.49147
39	+29,875.334	+106,988.038	+3.58115
40	+28,987.082	+106,558.782	+3.67608
41	+27,999.470	+113,506.235	+4.05387
42	+27,079.889	+115,323.488	+4.25864

43	+25,938.750	+125,499.628	+4.83831
44	+24,835.120	+119,551.489	+4.81381
45	+24,139.189	+107,523.756	+4.45432
46	+23,258.341	+118,050.231	+5.07561
47	+22,325.383	+121,681.104	+5.45035
48	+21,344.077	+126,975.127	+5.94896

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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	+0.01760	+76,055.32	+0.00	+75,831.80	+12,335.554	-3,715.000
02	+0.01760	+73,998.50	+0.00	+73,738.36	+12,335.554	-3,715.000
03	+0.01721	+63,619.54	+0.00	+63,447.57	+12,062.209	+787.500
04	+0.01692	+55,556.47	+0.00	+55,361.52	+11,858.953	+787.500
05	+0.01700	+70,737.83	+0.00	+70,675.33	+11,915.023	+5,317.150
06	+0.01700	+65,557.05	+0.00	+65,318.75	+11,915.023	+5,317.150
07	+0.01680	+81,095.87	+0.00	+80,872.05	+11,774.847	+8,632.750
08	+0.01690	+81,253.13	+0.00	+80,745.59	+11,844.935	+8,632.750
09	+0.01694	+98,117.60	+0.00	+97,326.81	+11,872.970	+8,502.000
10	+0.01689	+103,742.87	+0.00	+103,388.81	+11,837.926	+8,502.000
11	+0.01700	+101,335.63	+0.00	+100,938.70	+11,915.023	+12,239.500
12	+0.01698	+101,145.68	+0.00	+100,361.15	+11,901.006	+12,239.500
13	+0.01746	+113,928.18	+0.00	+111,463.39	+12,237.430	+13,409.940
14	+0.01770	+135,145.55	+0.00	+134,125.62	+12,405.642	+13,409.940
15	+0.01828	+130,617.96	+0.00	+130,203.08	+12,812.154	+3,893.940
16	+0.01895	+137,000.16	+0.00	+136,060.15	+13,281.747	+3,893.940
17	+0.01937	+127,483.60	+0.00	+127,184.90	+13,576.118	+994.690
18	+0.02032	+119,277.78	+0.00	+119,019.73	+14,241.957	+1,483.440
19	+0.02111	+93,569.86	+0.00	+93,106.42	+14,795.655	+3,363.390
20	+0.02168	+91,212.63	+0.00	+90,808.20	+15,195.159	+3,850.890
21	+0.02237	+79,007.87	+0.00	+78,603.59	+15,678.769	+5,222.440
22	+0.02277	+79,761.61	+0.00	+79,433.55	+15,959.122	+5,222.440
23	+0.02312	+75,028.25	+0.00	+74,637.35	+16,204.432	+6,362.440
24	+0.02303	+68,616.18	+0.00	+68,248.24	+16,141.352	+6,362.440
25	+0.02331	+67,962.12	+0.00	+67,149.71	+16,337.600	+5,762.440
26	+0.02336	+63,211.38	+0.00	+62,791.82	+16,372.644	+5,762.440
27	+0.02322	+58,128.37	+0.00	+57,838.95	+16,274.520	+330.000
28	+0.02308	+48,411.06	+0.00	+48,007.73	+16,176.396	+330.000
29	+0.02306	+46,472.62	+0.00	+46,083.76	+16,162.379	+330.000
30	+0.02303	+48,359.19	+0.00	+47,902.85	+16,141.352	+330.000
31	+0.02319	+64,941.52	+0.00	+64,022.92	+16,253.494	+330.000
32	+0.02367	+69,198.80	+0.00	+67,551.85	+16,589.918	+330.000
33	+0.02480	+77,909.67	+0.00	+76,377.29	+17,381.916	+5,762.440
34	+0.02585	+71,200.68	+0.00	+69,091.26	+18,117.844	+5,762.440
35	+0.02662	+61,973.86	+0.00	+61,674.06	+18,657.525	+5,762.440
36	+0.02633	+56,881.27	+0.00	+56,456.96	+18,454.268	+5,762.440
37	+0.02592	+56,360.25	+0.00	+55,746.39	+18,166.906	+5,762.440
38	+0.02516	+63,075.51	+0.00	+62,551.17	+17,634.234	+5,762.440
39	+0.02434	+64,767.40	+0.00	+63,011.27	+17,059.510	+5,762.440
40	+0.02362	+64,630.86	+0.00	+63,712.43	+16,554.874	+5,762.440
41	+0.02281	+76,494.51	+0.00	+76,363.00	+15,987.158	+1,331.040
42	+0.02207	+85,181.14	+0.00	+84,774.51	+15,468.504	-4,101.400

43	+0.02114	+95,730.68	+ .00	+95,567.05	+14,816.682	-3,257.680
44	+0.02024	+91,379.30	+ .00	+91,031.93	+14,185.887	-3,257.680
45	+0.01967	+77,022.13	+ .00	+76,798.93	+13,786.383	-157.500
46	+0.01895	+88,807.28	+ .00	+88,455.82	+13,281.747	-157.500
47	+0.01819	+95,120.26	+ .00	+94,668.91	+12,749.075	-1,546.500
48	+0.01739	+101,690.50	+ .00	+101,218.95	+12,188.368	-1,546.500

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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	+2,158.611	+0.000	+14,503.650
02	+0.000	+0.000	+0.000	+2,158.611	+0.000	+14,503.650
03	+0.000	+0.000	+0.000	+2,110.778	+0.000	+14,182.263
04	+0.000	+0.000	+0.000	+2,075.210	+0.000	+13,943.282
05	+0.000	+0.000	+0.000	+2,085.022	+0.000	+14,009.208
06	+0.000	+0.000	+0.000	+2,085.022	+0.000	+14,009.208
07	+0.000	+0.000	+0.000	+2,060.492	+0.000	+13,844.393
08	+0.000	+0.000	+0.000	+2,072.757	+0.000	+13,926.801
09	+0.000	+0.000	+0.000	+2,077.663	+0.000	+13,959.763
10	+0.000	+0.000	+0.000	+2,071.530	+0.000	+13,918.560
11	+0.000	+0.000	+0.000	+2,085.022	+0.000	+14,009.208
12	+0.000	+0.000	+0.000	+2,082.569	+0.000	+13,992.726
13	+0.000	+0.000	+0.000	+2,141.440	+0.000	+14,388.280
14	+0.000	+0.000	+0.000	+2,170.875	+0.000	+14,586.057
15	+0.000	+0.000	+0.000	+2,242.011	+0.000	+15,064.019
16	+0.000	+0.000	+0.000	+2,324.186	+0.000	+15,616.146
17	+0.000	+0.000	+0.000	+2,375.698	+0.000	+15,962.256
18	+0.000	+0.000	+0.000	+2,492.214	+0.000	+16,745.124
19	+0.000	+0.000	+0.000	+2,589.106	+0.000	+17,396.140
20	+0.000	+0.000	+0.000	+2,659.016	+0.000	+17,865.860
21	+0.000	+0.000	+0.000	+2,743.643	+0.000	+18,434.469
22	+0.000	+0.000	+0.000	+2,792.702	+0.000	+18,764.098
23	+0.000	+0.000	+0.000	+2,835.629	+0.000	+19,052.522
24	+0.000	+0.000	+0.000	+2,824.591	+0.000	+18,978.356
25	+0.000	+0.000	+0.000	+2,858.932	+0.000	+19,209.096
26	+0.000	+0.000	+0.000	+2,865.065	+0.000	+19,250.299
27	+0.000	+0.000	+0.000	+2,847.894	+0.000	+19,134.930
28	+0.000	+0.000	+0.000	+2,830.723	+0.000	+19,019.560
29	+0.000	+0.000	+0.000	+2,828.270	+0.000	+19,003.078
30	+0.000	+0.000	+0.000	+2,824.591	+0.000	+18,978.356
31	+0.000	+0.000	+0.000	+2,844.215	+0.000	+19,110.207
32	+0.000	+0.000	+0.000	+2,903.086	+0.000	+19,505.762
33	+0.000	+0.000	+0.000	+3,041.678	+0.000	+20,436.962
34	+0.000	+0.000	+0.000	+3,170.459	+0.000	+21,302.236
35	+0.000	+0.000	+0.000	+3,264.898	+0.000	+21,936.771
36	+0.000	+0.000	+0.000	+3,229.330	+0.000	+21,697.790
37	+0.000	+0.000	+0.000	+3,179.045	+0.000	+21,359.921
38	+0.000	+0.000	+0.000	+3,085.832	+0.000	+20,733.627
39	+0.000	+0.000	+0.000	+2,985.260	+0.000	+20,057.889
40	+0.000	+0.000	+0.000	+2,896.953	+0.000	+19,464.558
41	+0.000	+0.000	+0.000	+2,797.608	+0.000	+18,797.060
42	+0.000	+0.000	+0.000	+2,706.849	+0.000	+18,187.248

43	+.000	+.000	+.000	+2,592.786	+.000	+17,420.862
44	+.000	+.000	+.000	+2,482.402	+.000	+16,679.198
45	+.000	+.000	+.000	+2,412.493	+.000	+16,209.477
46	+.000	+.000	+.000	+2,324.186	+.000	+15,616.146
47	+.000	+.000	+.000	+2,230.973	+.000	+14,989.852
48	+.000	+.000	+.000	+2,132.854	+.000	+14,330.595

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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	+72.660	+.000	-1,438.093	+.000
02	+.000	+.000	+72.660	+.000	-1,438.093	+.000
03	+.000	+.000	+71.050	+.000	-1,406.226	+.000
04	+.000	+.000	+69.853	+.000	-1,382.530	+.000
05	+.000	+.000	+70.183	+.000	-1,389.067	+.000
06	+.000	+.000	+70.183	+.000	-1,389.067	+.000
07	+.000	+.000	+69.357	+.000	-1,372.725	+.000
08	+.000	+.000	+69.770	+.000	-1,380.896	+.000
09	+.000	+.000	+69.935	+.000	-1,384.165	+.000
10	+.000	+.000	+69.729	+.000	-1,380.079	+.000
11	+.000	+.000	+70.183	+.000	-1,389.067	+.000
12	+.000	+.000	+70.101	+.000	-1,387.433	+.000
13	+.000	+.000	+72.082	+.000	-1,426.654	+.000
14	+.000	+.000	+73.073	+.000	-1,446.264	+.000
15	+.000	+.000	+75.468	+.000	-1,493.656	+.000
16	+.000	+.000	+78.234	+.000	-1,548.401	+.000
17	+.000	+.000	+79.967	+.000	-1,582.719	+.000
18	+.000	+.000	+83.889	+.000	-1,660.344	+.000
19	+.000	+.000	+87.151	+.000	-1,724.895	+.000
20	+.000	+.000	+89.504	+.000	-1,771.469	+.000
21	+.000	+.000	+92.353	+.000	-1,827.849	+.000
22	+.000	+.000	+94.004	+.000	-1,860.533	+.000
23	+.000	+.000	+95.449	+.000	-1,889.131	+.000
24	+.000	+.000	+95.078	+.000	-1,881.777	+.000
25	+.000	+.000	+96.233	+.000	-1,904.656	+.000
26	+.000	+.000	+96.440	+.000	-1,908.742	+.000
27	+.000	+.000	+95.862	+.000	-1,897.302	+.000
28	+.000	+.000	+95.284	+.000	-1,885.863	+.000
29	+.000	+.000	+95.201	+.000	-1,884.229	+.000
30	+.000	+.000	+95.078	+.000	-1,881.777	+.000
31	+.000	+.000	+95.738	+.000	-1,894.851	+.000
32	+.000	+.000	+97.720	+.000	-1,934.072	+.000
33	+.000	+.000	+102.385	+.000	-2,026.404	+.000
34	+.000	+.000	+106.720	+.000	-2,112.199	+.000
35	+.000	+.000	+109.899	+.000	-2,175.116	+.000
36	+.000	+.000	+108.701	+.000	-2,151.420	+.000
37	+.000	+.000	+107.009	+.000	-2,117.919	+.000
38	+.000	+.000	+103.871	+.000	-2,055.819	+.000
39	+.000	+.000	+100.486	+.000	-1,988.817	+.000
40	+.000	+.000	+97.513	+.000	-1,929.986	+.000
41	+.000	+.000	+94.169	+.000	-1,863.801	+.000
42	+.000	+.000	+91.114	+.000	-1,803.336	+.000



43	+.000	+.000	+87.275	+.000	-1,727.346	+.000
44	+.000	+.000	+83.559	+.000	-1,653.807	+.000
45	+.000	+.000	+81.206	+.000	-1,607.232	+.000
46	+.000	+.000	+78.234	+.000	-1,548.401	+.000
47	+.000	+.000	+75.096	+.000	-1,486.302	+.000
48	+.000	+.000	+71.793	+.000	-1,420.934	+.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	+99,749.182
02	+ .000	+97,655.742
03	+ .000	+91,255.143
04	+ .000	+82,713.787
05	+ .000	+102,682.849
06	+ .000	+97,326.269
07	+ .000	+115,881.164
08	+ .000	+115,911.706
09	+ .000	+132,424.977
10	+ .000	+138,408.476
11	+ .000	+139,868.569
12	+ .000	+139,259.618
13	+ .000	+152,285.909
14	+ .000	+175,324.944
15	+ .000	+162,797.016
16	+ .000	+169,706.001
17	+ .000	+158,590.910
18	+ .000	+152,406.011
19	+ .000	+129,612.968
20	+ .000	+128,697.160
21	+ .000	+118,947.415
22	+ .000	+120,405.384
23	+ .000	+117,298.691
24	+ .000	+110,768.279
25	+ .000	+109,509.355
26	+ .000	+105,229.966
27	+ .000	+94,624.853
28	+ .000	+84,573.830
29	+ .000	+82,618.460
30	+ .000	+84,390.449
31	+ .000	+100,761.723
32	+ .000	+105,044.263
33	+ .000	+121,076.268
34	+ .000	+115,438.760
35	+ .000	+109,230.477
36	+ .000	+103,558.071
37	+ .000	+102,203.792
38	+ .000	+107,815.355
39	+ .000	+106,988.038
40	+ .000	+106,558.782
41	+ .000	+113,506.235
42	+ .000	+115,323.488

43	+.000	+125,499.628
44	+.000	+119,551.489
45	+.000	+107,523.756
46	+.000	+118,050.231
47	+.000	+121,681.104
48	+.000	+126,975.127