

Date: 24/01/2020

Settlement Day:31/12/2019

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: 275

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,278,109.070	+108,061,176.990
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,265,591.260	+492,130,389.910
Balancing Services Contract Cost	+359,408.890	+241,599,587.724
Balancing Services Cost Variable	+201,240.990	+118,545,073.565
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	+109,577.286	+32,472,585.662
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+226,619,536.000
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,135,315.500
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-6,863,625.720
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+226,619,536.000
Total External Costs	+1,858,237.016	+890,259,326.641
Total Adjusted Energy Volume (MWh)	+1,353,742.080	

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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	+22,858.735	+50,275.736	+2.19941
02	+22,850.898	+48,054.612	+2.10296
03	+22,474.953	+59,582.068	+2.65104
04	+22,002.147	+57,061.522	+2.59345
05	+21,522.668	+59,418.495	+2.76074
06	+21,186.068	+60,121.786	+2.83780
07	+20,931.329	+53,257.046	+2.54437
08	+20,770.328	+51,737.289	+2.49092
09	+20,735.717	+54,667.549	+2.63640
10	+20,654.273	+48,005.841	+2.32426
11	+20,730.749	+52,753.745	+2.54471
12	+21,146.290	+58,191.172	+2.75184
13	+22,703.162	+68,887.749	+3.03428
14	+23,960.716	+68,677.882	+2.86627
15	+26,153.127	+58,415.553	+2.23360
16	+27,269.275	+51,193.753	+1.87734
17	+28,314.376	+53,067.904	+1.87424
18	+29,636.749	+54,105.215	+1.82561
19	+30,706.617	+59,804.471	+1.94761
20	+31,431.046	+56,982.758	+1.81295
21	+32,120.309	+60,177.621	+1.87351
22	+32,444.202	+57,571.385	+1.77447
23	+32,560.504	+51,307.033	+1.57574
24	+32,552.335	+53,807.213	+1.65294
25	+32,645.800	+56,237.216	+1.72265
26	+32,453.373	+51,288.815	+1.58038
27	+32,354.356	+38,425.982	+1.18766
28	+32,410.544	+36,929.131	+1.13942
29	+32,734.825	+42,693.105	+1.30421
30	+32,755.658	+45,709.335	+1.39546
31	+33,007.794	+55,114.460	+1.66974
32	+33,206.775	+61,067.862	+1.83902
33	+34,144.436	+65,680.050	+1.92359
34	+35,416.320	+75,941.207	+2.14424
35	+36,056.902	+73,956.491	+2.05110
36	+35,614.889	+69,668.988	+1.95618
37	+34,891.471	+68,127.492	+1.95255
38	+34,034.258	+59,373.932	+1.74453
39	+32,825.622	+51,680.788	+1.57440
40	+31,482.106	+39,888.667	+1.26703
41	+29,969.683	+37,050.564	+1.23627
42	+28,497.914	+36,637.066	+1.28561

43	+27,340.847	+62,342.401	+2.28019
44	+26,183.229	+60,776.282	+2.32119
45	+25,823.675	+64,368.038	+2.49260
46	+25,059.527	+57,917.027	+2.31118
47	+23,853.569	+56,914.874	+2.38601
48	+23,261.934	+67,392.884	+2.89713

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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	+0.01689	+26,725.84	+0.00	+26,527.85	+6,070.416	+3,218.500
02	+0.01688	+24,379.10	+0.00	+24,318.88	+6,066.822	+3,218.500
03	+0.01660	+35,116.70	+0.00	+34,963.67	+5,966.188	+4,441.500
04	+0.01625	+33,011.02	+0.00	+32,868.54	+5,840.394	+4,441.500
05	+0.01590	+36,455.24	+0.00	+36,294.93	+5,714.601	+3,797.500
06	+0.01565	+37,490.21	+0.00	+37,302.09	+5,624.749	+3,797.500
07	+0.01546	+30,087.99	+0.00	+29,934.29	+5,556.461	+4,531.500
08	+0.01534	+28,624.16	+0.00	+28,560.39	+5,513.332	+4,531.500
09	+0.01532	+30,957.86	+0.00	+30,822.71	+5,506.144	+5,223.750
10	+0.01526	+24,745.19	+0.00	+24,233.93	+5,484.580	+5,223.750
11	+0.01531	+32,962.91	+0.00	+29,806.31	+5,502.550	+4,338.500
12	+0.01562	+34,982.00	+0.00	+34,866.94	+5,613.967	+4,338.500
13	+0.01677	+36,032.16	+0.00	+35,576.79	+6,027.287	+12,927.430
14	+0.01770	+34,990.58	+0.00	+34,236.53	+6,361.537	+12,927.430
15	+0.01932	+30,118.00	+0.00	+29,642.63	+6,943.780	+5,289.930
16	+0.02014	+21,528.04	+0.00	+21,424.14	+7,238.495	+5,289.930
17	+0.02092	+22,498.71	+0.00	+22,350.22	+7,518.834	+5,289.930
18	+0.02189	+22,259.87	+0.00	+22,208.52	+7,867.461	+5,289.930
19	+0.02268	+28,095.61	+0.00	+27,456.05	+8,151.394	+4,781.430
20	+0.02322	+24,807.21	+0.00	+23,977.98	+8,345.474	+4,781.430
21	+0.02373	+26,742.52	+0.00	+26,552.95	+8,528.773	+4,781.430
22	+0.02397	+23,904.68	+0.00	+23,655.00	+8,615.031	+4,781.430
23	+0.02405	+17,449.43	+0.00	+17,293.41	+8,643.784	+4,781.430
24	+0.02405	+19,867.82	+0.00	+19,793.59	+8,643.784	+4,781.430
25	+0.02412	+22,207.80	+0.00	+22,138.51	+8,668.942	+4,781.430
26	+0.02397	+17,420.97	+0.00	+17,372.43	+8,615.031	+4,781.430
27	+0.02390	+9,425.19	+0.00	+9,376.11	+8,589.872	+0.000
28	+0.02394	+7,966.86	+0.00	+7,830.64	+8,604.249	+0.000
29	+0.02418	+13,447.71	+0.00	+13,302.90	+8,690.507	+0.000
30	+0.02420	+16,372.82	+0.00	+16,294.82	+8,697.695	+0.000
31	+0.02438	+25,685.11	+0.00	+25,481.16	+8,762.389	+0.000
32	+0.02453	+31,478.71	+0.00	+31,252.24	+8,816.300	+0.000
33	+0.02522	+30,535.43	+0.00	+30,244.32	+9,064.292	+4,781.430
34	+0.02616	+39,417.14	+0.00	+39,362.93	+9,402.137	+4,781.430
35	+0.02663	+36,844.79	+0.00	+36,806.94	+9,571.059	+4,781.430
36	+0.02631	+33,105.40	+0.00	+32,908.39	+9,456.048	+4,781.430
37	+0.02577	+32,172.12	+0.00	+32,023.25	+9,261.967	+4,781.430
38	+0.02514	+24,163.63	+0.00	+24,035.44	+9,035.539	+4,781.430
39	+0.02425	+17,604.02	+0.00	+17,424.07	+8,715.666	+4,781.430
40	+0.02326	+6,840.19	+0.00	+6,835.27	+8,359.851	+4,781.430
41	+0.02214	+5,363.37	+0.00	+5,358.50	+7,957.313	+4,781.430
42	+0.02105	+11,141.94	+0.00	+11,051.30	+7,565.557	+0.000

43	+0.02020	+30,905.32	+.00	+30,862.29	+7,260.060	+6,927.500
44	+0.01934	+30,420.17	+.00	+30,341.48	+6,950.968	+6,927.500
45	+0.01908	+35,066.63	+.00	+34,249.26	+6,857.522	+6,927.500
46	+0.01851	+28,720.52	+.00	+28,491.07	+6,652.659	+6,927.500
47	+0.01762	+38,453.08	+.00	+38,433.39	+6,332.785	-2,935.200
48	+0.01718	+49,517.30	+.00	+49,446.21	+6,174.645	-2,935.200

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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	+1,850.760	+0.000	+13,918.560
02	+0.000	+0.000	+0.000	+1,849.665	+0.000	+13,910.319
03	+0.000	+0.000	+0.000	+1,818.983	+0.000	+13,679.579
04	+0.000	+0.000	+0.000	+1,780.631	+0.000	+13,391.154
05	+0.000	+0.000	+0.000	+1,742.279	+0.000	+13,102.730
06	+0.000	+0.000	+0.000	+1,714.885	+0.000	+12,896.712
07	+0.000	+0.000	+0.000	+1,694.065	+0.000	+12,740.138
08	+0.000	+0.000	+0.000	+1,680.916	+0.000	+12,641.250
09	+0.000	+0.000	+0.000	+1,678.724	+0.000	+12,624.768
10	+0.000	+0.000	+0.000	+1,672.149	+0.000	+12,575.324
11	+0.000	+0.000	+0.000	+1,677.628	+0.000	+12,616.528
12	+0.000	+0.000	+0.000	+1,711.597	+0.000	+12,871.990
13	+0.000	+0.000	+0.000	+1,837.611	+0.000	+13,819.671
14	+0.000	+0.000	+0.000	+1,939.518	+0.000	+14,586.057
15	+0.000	+0.000	+0.000	+2,117.033	+0.000	+15,921.052
16	+0.000	+0.000	+0.000	+2,206.887	+0.000	+16,596.791
17	+0.000	+0.000	+0.000	+2,292.357	+0.000	+17,239.566
18	+0.000	+0.000	+0.000	+2,398.647	+0.000	+18,038.915
19	+0.000	+0.000	+0.000	+2,485.213	+0.000	+18,689.931
20	+0.000	+0.000	+0.000	+2,544.385	+0.000	+19,134.930
21	+0.000	+0.000	+0.000	+2,600.269	+0.000	+19,555.206
22	+0.000	+0.000	+0.000	+2,626.568	+0.000	+19,752.983
23	+0.000	+0.000	+0.000	+2,635.334	+0.000	+19,818.909
24	+0.000	+0.000	+0.000	+2,635.334	+0.000	+19,818.909
25	+0.000	+0.000	+0.000	+2,643.004	+0.000	+19,876.593
26	+0.000	+0.000	+0.000	+2,626.568	+0.000	+19,752.983
27	+0.000	+0.000	+0.000	+2,618.897	+0.000	+19,695.298
28	+0.000	+0.000	+0.000	+2,623.280	+0.000	+19,728.261
29	+0.000	+0.000	+0.000	+2,649.579	+0.000	+19,926.038
30	+0.000	+0.000	+0.000	+2,651.770	+0.000	+19,942.519
31	+0.000	+0.000	+0.000	+2,671.494	+0.000	+20,090.852
32	+0.000	+0.000	+0.000	+2,687.931	+0.000	+20,214.463
33	+0.000	+0.000	+0.000	+2,763.539	+0.000	+20,783.072
34	+0.000	+0.000	+0.000	+2,866.542	+0.000	+21,557.698
35	+0.000	+0.000	+0.000	+2,918.043	+0.000	+21,945.012
36	+0.000	+0.000	+0.000	+2,882.978	+0.000	+21,681.309
37	+0.000	+0.000	+0.000	+2,823.807	+0.000	+21,236.311
38	+0.000	+0.000	+0.000	+2,754.773	+0.000	+20,717.146
39	+0.000	+0.000	+0.000	+2,657.249	+0.000	+19,983.723
40	+0.000	+0.000	+0.000	+2,548.768	+0.000	+19,167.892
41	+0.000	+0.000	+0.000	+2,426.041	+0.000	+18,244.933
42	+0.000	+0.000	+0.000	+2,306.602	+0.000	+17,346.695

43	+.000	+.000	+.000	+2,213.461	+.000	+16,646.235
44	+.000	+.000	+.000	+2,119.225	+.000	+15,937.534
45	+.000	+.000	+.000	+2,090.735	+.000	+15,723.275
46	+.000	+.000	+.000	+2,028.276	+.000	+15,253.555
47	+.000	+.000	+.000	+1,930.752	+.000	+14,520.132
48	+.000	+.000	+.000	+1,882.538	+.000	+14,157.540

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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	+69.729	+.000	-1,380.079	+.000
02	+.000	+.000	+69.688	+.000	-1,379.262	+.000
03	+.000	+.000	+68.532	+.000	-1,356.383	+.000
04	+.000	+.000	+67.087	+.000	-1,327.785	+.000
05	+.000	+.000	+65.642	+.000	-1,299.186	+.000
06	+.000	+.000	+64.610	+.000	-1,278.759	+.000
07	+.000	+.000	+63.825	+.000	-1,263.234	+.000
08	+.000	+.000	+63.330	+.000	-1,253.429	+.000
09	+.000	+.000	+63.247	+.000	-1,251.795	+.000
10	+.000	+.000	+63.000	+.000	-1,246.892	+.000
11	+.000	+.000	+63.206	+.000	-1,250.977	+.000
12	+.000	+.000	+64.486	+.000	-1,276.308	+.000
13	+.000	+.000	+69.234	+.000	-1,370.274	+.000
14	+.000	+.000	+73.073	+.000	-1,446.264	+.000
15	+.000	+.000	+79.761	+.000	-1,578.634	+.000
16	+.000	+.000	+83.146	+.000	-1,645.636	+.000
17	+.000	+.000	+86.367	+.000	-1,709.370	+.000
18	+.000	+.000	+90.371	+.000	-1,788.628	+.000
19	+.000	+.000	+93.633	+.000	-1,853.179	+.000
20	+.000	+.000	+95.862	+.000	-1,897.302	+.000
21	+.000	+.000	+97.967	+.000	-1,938.974	+.000
22	+.000	+.000	+98.958	+.000	-1,958.585	+.000
23	+.000	+.000	+99.289	+.000	-1,965.121	+.000
24	+.000	+.000	+99.289	+.000	-1,965.121	+.000
25	+.000	+.000	+99.577	+.000	-1,970.841	+.000
26	+.000	+.000	+98.958	+.000	-1,958.585	+.000
27	+.000	+.000	+98.669	+.000	-1,952.865	+.000
28	+.000	+.000	+98.834	+.000	-1,956.133	+.000
29	+.000	+.000	+99.825	+.000	-1,975.744	+.000
30	+.000	+.000	+99.908	+.000	-1,977.378	+.000
31	+.000	+.000	+100.651	+.000	-1,992.086	+.000
32	+.000	+.000	+101.270	+.000	-2,004.342	+.000
33	+.000	+.000	+104.119	+.000	-2,060.722	+.000
34	+.000	+.000	+107.999	+.000	-2,137.529	+.000
35	+.000	+.000	+109.940	+.000	-2,175.933	+.000
36	+.000	+.000	+108.619	+.000	-2,149.786	+.000
37	+.000	+.000	+106.389	+.000	-2,105.662	+.000
38	+.000	+.000	+103.788	+.000	-2,054.185	+.000
39	+.000	+.000	+100.114	+.000	-1,981.463	+.000
40	+.000	+.000	+96.027	+.000	-1,900.571	+.000
41	+.000	+.000	+91.403	+.000	-1,809.056	+.000
42	+.000	+.000	+86.903	+.000	-1,719.992	+.000



43	+.000	+.000	+83.394	+.000	-1,650.539	+.000
44	+.000	+.000	+79.844	+.000	-1,580.268	+.000
45	+.000	+.000	+78.770	+.000	-1,559.024	+.000
46	+.000	+.000	+76.417	+.000	-1,512.449	+.000
47	+.000	+.000	+72.743	+.000	-1,439.727	+.000
48	+.000	+.000	+70.926	+.000	-1,403.775	+.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	+50,275.736
02	+ .000	+48,054.612
03	+ .000	+59,582.068
04	+ .000	+57,061.522
05	+ .000	+59,418.495
06	+ .000	+60,121.786
07	+ .000	+53,257.046
08	+ .000	+51,737.289
09	+ .000	+54,667.549
10	+ .000	+48,005.841
11	+ .000	+52,753.745
12	+ .000	+58,191.172
13	+ .000	+68,887.749
14	+ .000	+68,677.882
15	+ .000	+58,415.553
16	+ .000	+51,193.753
17	+ .000	+53,067.904
18	+ .000	+54,105.215
19	+ .000	+59,804.471
20	+ .000	+56,982.758
21	+ .000	+60,177.621
22	+ .000	+57,571.385
23	+ .000	+51,307.033
24	+ .000	+53,807.213
25	+ .000	+56,237.216
26	+ .000	+51,288.815
27	+ .000	+38,425.982
28	+ .000	+36,929.131
29	+ .000	+42,693.105
30	+ .000	+45,709.335
31	+ .000	+55,114.460
32	+ .000	+61,067.862
33	+ .000	+65,680.050
34	+ .000	+75,941.207
35	+ .000	+73,956.491
36	+ .000	+69,668.988
37	+ .000	+68,127.492
38	+ .000	+59,373.932
39	+ .000	+51,680.788
40	+ .000	+39,888.667
41	+ .000	+37,050.564
42	+ .000	+36,637.066

43	+.000	+62,342.401
44	+.000	+60,776.282
45	+.000	+64,368.038
46	+.000	+57,917.027
47	+.000	+56,914.874
48	+.000	+67,392.884