

Date: 06/01/2020

Settlement Day:25/12/2019

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: 269

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,631,285.230	+69,444,408.730
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,613,295.890	+474,642,085.440
Balancing Services Contract Cost	+376,084.559	+197,631,850.338
Balancing Services Cost Variable	+494,159.290	+117,777,975.905
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	+33,162,369.802
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+221,675,109.760
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,110,544.980
ESO Incentive Recovery t-1	+0.000	+3,920,000.000
ALoMCP Recovery	-81,709.830	-5,147,719.290
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+221,675,109.760
Total External Costs	+2,529,246.000	+830,679,075.025
Total Adjusted Energy Volume (MWh)	+1,201,747.979	

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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	+20,983.572	+90,753.788	+4.32499
02	+21,269.874	+94,505.885	+4.44318
03	+21,233.911	+93,024.659	+4.38095
04	+20,840.652	+86,355.995	+4.14363
05	+20,746.353	+90,358.046	+4.35537
06	+20,771.889	+88,371.003	+4.25436
07	+20,871.382	+108,718.221	+5.20896
08	+20,392.594	+124,531.476	+6.10670
09	+20,326.693	+117,588.414	+5.78493
10	+20,210.404	+111,295.436	+5.50684
11	+19,836.545	+110,118.479	+5.55129
12	+19,996.810	+114,372.191	+5.71952
13	+20,608.386	+110,760.631	+5.37454
14	+21,427.278	+122,742.047	+5.72831
15	+22,984.574	+59,267.817	+2.57859
16	+24,012.045	+60,719.680	+2.52872
17	+25,478.103	+52,590.461	+2.06414
18	+27,153.714	+53,677.568	+1.97680
19	+28,049.769	+57,209.596	+2.03957
20	+28,496.654	+61,783.455	+2.16810
21	+28,585.686	+65,817.224	+2.30245
22	+28,655.449	+65,205.147	+2.27549
23	+28,658.493	+58,860.735	+2.05387
24	+29,147.193	+57,876.060	+1.98565
25	+29,710.394	+57,551.555	+1.93708
26	+30,355.390	+58,789.931	+1.93672
27	+30,287.103	+58,636.819	+1.93603
28	+30,007.143	+53,444.291	+1.78105
29	+29,528.557	+56,856.516	+1.92548
30	+29,178.254	+62,195.676	+2.13158
31	+29,002.555	+60,920.037	+2.10051
32	+28,603.410	+44,951.632	+1.57155
33	+28,693.990	+56,382.221	+1.96495
34	+28,707.394	+56,991.210	+1.98524
35	+28,454.589	+48,295.629	+1.69729
36	+27,906.838	+36,934.902	+1.32351
37	+27,343.105	+33,096.167	+1.21040
38	+26,800.471	+30,253.459	+1.12884
39	+26,452.403	+31,883.700	+1.20532
40	+26,060.080	+24,515.784	+0.94074
41	+25,684.175	+40,759.808	+1.58696
42	+24,840.489	+53,144.095	+2.13941

43	+24,122.473	+56,504.298	+2.34239
44	+23,534.707	+61,724.275	+2.62269
45	+22,787.018	+65,913.271	+2.89258
46	+21,991.804	+70,420.312	+3.20212
47	+20,857.642	+85,927.442	+4.11971
48	+20,099.972	+90,707.539	+4.51282

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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	+0.01746	+45,962.61	+0.00	+45,784.37	+6,566.436	+23,216.670
02	+0.01770	+49,966.17	+0.00	+49,728.71	+6,656.697	+22,725.420
03	+0.01767	+47,306.17	+0.00	+46,976.36	+6,645.414	+24,033.920
04	+0.01734	+40,996.48	+0.00	+40,718.83	+6,521.306	+24,033.920
05	+0.01726	+43,388.27	+0.00	+42,969.59	+6,491.219	+25,884.880
06	+0.01728	+41,147.27	+0.00	+40,957.63	+6,498.741	+25,884.880
07	+0.01737	+61,381.68	+0.00	+60,725.25	+6,532.589	+26,352.350
08	+0.01697	+77,292.73	+0.00	+77,036.85	+6,382.155	+26,352.350
09	+0.01691	+71,061.93	+0.00	+70,884.79	+6,359.590	+25,636.100
10	+0.01682	+64,952.54	+0.00	+64,703.94	+6,325.742	+25,636.100
11	+0.01651	+57,317.86	+0.00	+57,076.22	+6,209.156	+32,473.080
12	+0.01664	+61,432.07	+0.00	+61,167.97	+6,258.047	+32,473.080
13	+0.01715	+55,102.28	+0.00	+54,753.47	+6,449.850	+34,640.630
14	+0.01783	+66,550.59	+0.00	+65,396.45	+6,705.588	+35,131.880
15	+0.01913	+35,797.46	+0.00	+34,982.85	+7,194.498	+451.630
16	+0.01998	+35,080.93	+0.00	+34,896.98	+7,514.169	+930.380
17	+0.02120	+26,279.45	+0.00	+26,129.29	+7,972.993	+48.900
18	+0.02260	+25,920.71	+0.00	+25,472.19	+8,499.511	+48.900
19	+0.02334	+28,675.55	+0.00	+28,131.18	+8,777.814	+0.000
20	+0.02371	+32,491.03	+0.00	+32,244.07	+8,916.965	+0.000
21	+0.02379	+36,685.17	+0.00	+36,178.17	+8,947.052	+0.000
22	+0.02384	+30,550.14	+0.00	+30,071.36	+8,965.856	+5,432.440
23	+0.02385	+23,857.99	+0.00	+23,714.49	+8,969.617	+5,432.440
24	+0.02425	+22,311.27	+0.00	+22,231.47	+9,120.051	+5,432.440
25	+0.02472	+21,366.32	+0.00	+21,321.41	+9,296.810	+5,432.440
26	+0.02526	+22,559.72	+0.00	+21,887.02	+9,499.896	+5,432.440
27	+0.02520	+22,336.72	+0.00	+21,808.66	+9,477.331	+5,432.440
28	+0.02497	+23,018.82	+0.00	+22,335.12	+9,390.831	+0.000
29	+0.02457	+26,435.79	+0.00	+26,245.69	+9,240.398	+0.000
30	+0.02428	+32,289.54	+0.00	+31,946.15	+9,131.333	+0.000
31	+0.02413	+31,136.85	+0.00	+30,857.39	+9,074.920	+0.000
32	+0.02380	+15,666.80	+0.00	+15,300.12	+8,950.813	+0.000
33	+0.02388	+21,761.81	+0.00	+21,198.60	+8,980.899	+5,432.440
34	+0.02389	+22,308.42	+0.00	+21,795.13	+8,984.660	+5,432.440
35	+0.02368	+13,723.08	+0.00	+13,361.18	+8,905.682	+5,432.440
36	+0.02322	+3,582.45	+0.00	+2,573.55	+8,732.683	+5,432.440
37	+0.02275	-664.60	+0.00	-679.63	+8,555.924	+5,432.440
38	+0.02230	-2,930.57	+0.00	-2,961.70	+8,386.686	+5,432.440
39	+0.02201	-627.61	+0.00	-970.16	+8,277.621	+5,432.440
40	+0.02169	-2,185.87	+0.00	-2,506.96	+8,157.274	+0.000
41	+0.02137	+14,543.10	+0.00	+14,135.74	+8,036.927	+0.000
42	+0.02067	+27,620.77	+0.00	+27,392.13	+7,773.668	+0.000

43	+0.02007	+31,782.78	+ .00	+31,499.85	+7,548.017	+ .000
44	+0.01958	+37,378.84	+ .00	+37,330.30	+7,363.736	+ .000
45	+0.01896	+43,103.37	+ .00	+42,291.73	+7,130.563	+ .000
46	+0.01830	+48,140.24	+ .00	+47,621.04	+6,882.347	+ .000
47	+0.01736	+46,077.87	+ .00	+45,508.03	+6,528.828	+18,791.250
48	+0.01673	+51,352.24	+ .00	+51,073.02	+6,291.895	+18,791.250

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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	+2,152.603	+0.000	+14,388.280
02	+0.000	+0.000	+0.000	+2,182.192	+0.000	+14,586.057
03	+0.000	+0.000	+0.000	+2,178.493	+0.000	+14,561.335
04	+0.000	+0.000	+0.000	+2,137.808	+0.000	+14,289.392
05	+0.000	+0.000	+0.000	+2,127.945	+0.000	+14,223.466
06	+0.000	+0.000	+0.000	+2,130.411	+0.000	+14,239.948
07	+0.000	+0.000	+0.000	+2,141.507	+0.000	+14,314.114
08	+0.000	+0.000	+0.000	+2,092.192	+0.000	+13,984.486
09	+0.000	+0.000	+0.000	+2,084.795	+0.000	+13,935.041
10	+0.000	+0.000	+0.000	+2,073.699	+0.000	+13,860.875
11	+0.000	+0.000	+0.000	+2,035.479	+0.000	+13,605.413
12	+0.000	+0.000	+0.000	+2,051.507	+0.000	+13,712.542
13	+0.000	+0.000	+0.000	+2,114.384	+0.000	+14,132.818
14	+0.000	+0.000	+0.000	+2,198.219	+0.000	+14,693.187
15	+0.000	+0.000	+0.000	+2,358.493	+0.000	+15,764.479
16	+0.000	+0.000	+0.000	+2,463.288	+0.000	+16,464.939
17	+0.000	+0.000	+0.000	+2,613.699	+0.000	+17,470.306
18	+0.000	+0.000	+0.000	+2,786.301	+0.000	+18,624.006
19	+0.000	+0.000	+0.000	+2,877.534	+0.000	+19,233.818
20	+0.000	+0.000	+0.000	+2,923.151	+0.000	+19,538.724
21	+0.000	+0.000	+0.000	+2,933.014	+0.000	+19,604.650
22	+0.000	+0.000	+0.000	+2,939.178	+0.000	+19,645.854
23	+0.000	+0.000	+0.000	+2,940.411	+0.000	+19,654.094
24	+0.000	+0.000	+0.000	+2,989.726	+0.000	+19,983.723
25	+0.000	+0.000	+0.000	+3,047.671	+0.000	+20,371.036
26	+0.000	+0.000	+0.000	+3,114.247	+0.000	+20,816.034
27	+0.000	+0.000	+0.000	+3,106.849	+0.000	+20,766.590
28	+0.000	+0.000	+0.000	+3,078.493	+0.000	+20,577.054
29	+0.000	+0.000	+0.000	+3,029.178	+0.000	+20,247.425
30	+0.000	+0.000	+0.000	+2,993.425	+0.000	+20,008.445
31	+0.000	+0.000	+0.000	+2,974.932	+0.000	+19,884.834
32	+0.000	+0.000	+0.000	+2,934.247	+0.000	+19,612.891
33	+0.000	+0.000	+0.000	+2,944.110	+0.000	+19,678.816
34	+0.000	+0.000	+0.000	+2,945.342	+0.000	+19,687.057
35	+0.000	+0.000	+0.000	+2,919.452	+0.000	+19,514.002
36	+0.000	+0.000	+0.000	+2,862.740	+0.000	+19,134.930
37	+0.000	+0.000	+0.000	+2,804.795	+0.000	+18,747.616
38	+0.000	+0.000	+0.000	+2,749.315	+0.000	+18,376.784
39	+0.000	+0.000	+0.000	+2,713.562	+0.000	+18,137.804
40	+0.000	+0.000	+0.000	+2,674.110	+0.000	+17,874.101
41	+0.000	+0.000	+0.000	+2,634.658	+0.000	+17,610.398
42	+0.000	+0.000	+0.000	+2,548.356	+0.000	+17,033.548

43	+.000	+.000	+.000	+2,474.384	+.000	+16,539.106
44	+.000	+.000	+.000	+2,413.973	+.000	+16,135.311
45	+.000	+.000	+.000	+2,337.534	+.000	+15,624.387
46	+.000	+.000	+.000	+2,256.164	+.000	+15,080.500
47	+.000	+.000	+.000	+2,140.274	+.000	+14,305.873
48	+.000	+.000	+.000	+2,062.603	+.000	+13,786.708

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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	+72.082	+.000	-1,426.654	+.000
02	+.000	+.000	+73.073	+.000	-1,446.264	+.000
03	+.000	+.000	+72.949	+.000	-1,443.813	+.000
04	+.000	+.000	+71.587	+.000	-1,416.848	+.000
05	+.000	+.000	+71.257	+.000	-1,410.312	+.000
06	+.000	+.000	+71.339	+.000	-1,411.946	+.000
07	+.000	+.000	+71.711	+.000	-1,419.300	+.000
08	+.000	+.000	+70.059	+.000	-1,386.616	+.000
09	+.000	+.000	+69.812	+.000	-1,381.713	+.000
10	+.000	+.000	+69.440	+.000	-1,374.359	+.000
11	+.000	+.000	+68.160	+.000	-1,349.029	+.000
12	+.000	+.000	+68.697	+.000	-1,359.652	+.000
13	+.000	+.000	+70.802	+.000	-1,401.324	+.000
14	+.000	+.000	+73.610	+.000	-1,456.886	+.000
15	+.000	+.000	+78.977	+.000	-1,563.109	+.000
16	+.000	+.000	+82.486	+.000	-1,632.562	+.000
17	+.000	+.000	+87.523	+.000	-1,732.248	+.000
18	+.000	+.000	+93.302	+.000	-1,846.642	+.000
19	+.000	+.000	+96.357	+.000	-1,907.107	+.000
20	+.000	+.000	+97.885	+.000	-1,937.340	+.000
21	+.000	+.000	+98.215	+.000	-1,943.877	+.000
22	+.000	+.000	+98.422	+.000	-1,947.962	+.000
23	+.000	+.000	+98.463	+.000	-1,948.779	+.000
24	+.000	+.000	+100.114	+.000	-1,981.463	+.000
25	+.000	+.000	+102.055	+.000	-2,019.867	+.000
26	+.000	+.000	+104.284	+.000	-2,063.990	+.000
27	+.000	+.000	+104.036	+.000	-2,059.088	+.000
28	+.000	+.000	+103.087	+.000	-2,040.294	+.000
29	+.000	+.000	+101.435	+.000	-2,007.611	+.000
30	+.000	+.000	+100.238	+.000	-1,983.915	+.000
31	+.000	+.000	+99.619	+.000	-1,971.658	+.000
32	+.000	+.000	+98.256	+.000	-1,944.694	+.000
33	+.000	+.000	+98.587	+.000	-1,951.231	+.000
34	+.000	+.000	+98.628	+.000	-1,952.048	+.000
35	+.000	+.000	+97.761	+.000	-1,934.889	+.000
36	+.000	+.000	+95.862	+.000	-1,897.302	+.000
37	+.000	+.000	+93.922	+.000	-1,858.899	+.000
38	+.000	+.000	+92.064	+.000	-1,822.129	+.000
39	+.000	+.000	+90.867	+.000	-1,798.433	+.000
40	+.000	+.000	+89.545	+.000	-1,772.286	+.000
41	+.000	+.000	+88.224	+.000	-1,746.139	+.000
42	+.000	+.000	+85.334	+.000	-1,688.942	+.000



43	+.000	+.000	+82.857	+.000	-1,639.916	+.000
44	+.000	+.000	+80.834	+.000	-1,599.878	+.000
45	+.000	+.000	+78.275	+.000	-1,549.218	+.000
46	+.000	+.000	+75.550	+.000	-1,495.290	+.000
47	+.000	+.000	+71.669	+.000	-1,418.483	+.000
48	+.000	+.000	+69.068	+.000	-1,367.005	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+ .000	+90,753.788
02	+ .000	+94,505.885
03	+ .000	+93,024.659
04	+ .000	+86,355.995
05	+ .000	+90,358.046
06	+ .000	+88,371.003
07	+ .000	+108,718.221
08	+ .000	+124,531.476
09	+ .000	+117,588.414
10	+ .000	+111,295.436
11	+ .000	+110,118.479
12	+ .000	+114,372.191
13	+ .000	+110,760.631
14	+ .000	+122,742.047
15	+ .000	+59,267.817
16	+ .000	+60,719.680
17	+ .000	+52,590.461
18	+ .000	+53,677.568
19	+ .000	+57,209.596
20	+ .000	+61,783.455
21	+ .000	+65,817.224
22	+ .000	+65,205.147
23	+ .000	+58,860.735
24	+ .000	+57,876.060
25	+ .000	+57,551.555
26	+ .000	+58,789.931
27	+ .000	+58,636.819
28	+ .000	+53,444.291
29	+ .000	+56,856.516
30	+ .000	+62,195.676
31	+ .000	+60,920.037
32	+ .000	+44,951.632
33	+ .000	+56,382.221
34	+ .000	+56,991.210
35	+ .000	+48,295.629
36	+ .000	+36,934.902
37	+ .000	+33,096.167
38	+ .000	+30,253.459
39	+ .000	+31,883.700
40	+ .000	+24,515.784
41	+ .000	+40,759.808
42	+ .000	+53,144.095

43	+.000	+56,504.298
44	+.000	+61,724.275
45	+.000	+65,913.271
46	+.000	+70,420.312
47	+.000	+85,927.442
48	+.000	+90,707.539