

Date: 23/12/2020

Settlement Day:04/11/2019

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 218

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+3,320,129.760	+369,600,087.900
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+3,252,986.950	+364,848,704.960
Balancing Services Contract Cost	+787,775.187	+199,630,959.546
Balancing Services Cost Variable	+699,465.440	+91,449,931.420
ESO Incentive Recovery Costs	-21,485.790	+5,391,679.010
Black Start Capital Costs	+4,092.783	+50,054.352
Black Start Testing Costs	+0.000	+203,621.826
Black Start Availability Costs	+120,009.540	+25,148,942.466
Black Start Other Costs	+0.000	+69,815.007
System Operator Internal Costs	+824,071.040	+179,647,486.720
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,375,126.560
EMR Incentive Revenue	+0.000	+0.000
ESO Incentive Recovery t-1	+0.000	+0.000
ALoMCP Recovery	+0.000	+0.000
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+179,647,486.720
Total External Costs	+4,849,152.030	+688,168,835.147
Total Adjusted Energy Volume (MWh)	+1,443,965.547	

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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	+21,658.976	+64,207.340	+2.96447
02	+21,920.555	+66,238.669	+3.02176
03	+21,595.157	+72,415.769	+3.35333
04	+21,667.247	+73,896.158	+3.41050
05	+21,789.180	+73,875.420	+3.39046
06	+21,969.780	+73,663.952	+3.35297
07	+21,866.222	+74,948.598	+3.42760
08	+21,845.222	+77,490.790	+3.54726
09	+22,122.381	+86,062.307	+3.89028
10	+22,486.675	+90,052.649	+4.00471
11	+22,516.437	+93,062.545	+4.13309
12	+23,562.385	+100,153.367	+4.25056
13	+25,685.238	+104,344.100	+4.06242
14	+28,477.252	+102,417.638	+3.59647
15	+31,698.442	+111,083.086	+3.50437
16	+33,219.879	+96,794.853	+2.91376
17	+33,641.123	+87,134.607	+2.59012
18	+33,774.521	+91,704.716	+2.71520
19	+33,994.654	+82,399.372	+2.42389
20	+33,883.661	+83,553.458	+2.46589
21	+33,363.570	+94,886.580	+2.84402
22	+33,318.529	+89,204.420	+2.67732
23	+33,640.828	+68,458.027	+2.03497
24	+33,876.921	+70,103.520	+2.06936
25	+34,178.981	+76,064.172	+2.22547
26	+34,290.614	+76,648.654	+2.23527
27	+34,044.820	+95,467.323	+2.80417
28	+33,892.354	+89,680.188	+2.64603
29	+34,137.773	+102,107.899	+2.99105
30	+34,236.616	+104,035.773	+3.03873
31	+34,226.113	+106,285.515	+3.10539
32	+35,172.957	+142,819.464	+4.06049
33	+35,651.243	+150,596.248	+4.22415
34	+37,247.585	+165,780.214	+4.45076
35	+38,486.842	+137,087.849	+3.56194
36	+38,460.104	+161,422.911	+4.19715
37	+37,988.092	+149,667.557	+3.93985
38	+37,173.016	+157,883.907	+4.24727
39	+36,128.027	+172,961.542	+4.78746
40	+34,877.332	+175,995.462	+5.04613
41	+33,481.811	+181,864.262	+5.43173
42	+32,061.494	+190,493.379	+5.94150

43	+30,242.089	+211,558.148	+6.99549
44	+28,276.017	+209,896.670	+7.42313
45	+26,624.464	+186,786.251	+7.01559
46	+24,499.623	+178,185.008	+7.27297
47	+22,982.643	+213,824.929	+9.30376
48	+22,030.102	+207,975.011	+9.44049

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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	+0.01500	+26,540.13	+0.00	+26,441.03	+11,816.628	+11,954.750
02	+0.01518	+28,373.20	+0.00	+28,162.62	+11,958.427	+11,954.750
03	+0.01496	+34,406.06	+0.00	+34,186.54	+11,785.117	+12,486.500
04	+0.01501	+35,733.56	+0.00	+35,580.89	+11,824.506	+12,486.500
05	+0.01509	+34,205.71	+0.00	+34,060.74	+11,887.528	+13,848.250
06	+0.01521	+33,850.52	+0.00	+33,642.78	+11,982.061	+13,848.250
07	+0.01514	+35,035.43	+0.00	+34,721.13	+11,926.916	+14,175.000
08	+0.01513	+37,580.78	+0.00	+37,280.53	+11,919.039	+14,175.000
09	+0.01532	+46,688.52	+0.00	+46,374.85	+12,068.716	+13,325.250
10	+0.01557	+50,564.39	+0.00	+49,935.00	+12,265.660	+13,325.250
11	+0.01559	+51,844.65	+0.00	+51,365.73	+12,281.415	+14,870.000
12	+0.01632	+57,828.93	+0.00	+57,200.39	+12,856.491	+14,870.000
13	+0.01779	+53,490.10	+0.00	+52,661.82	+14,014.521	+21,069.770
14	+0.01972	+48,213.15	+0.00	+47,414.27	+15,534.927	+21,069.770
15	+0.02195	+36,871.73	+0.00	+36,028.00	+17,291.665	+37,284.170
16	+0.02301	+20,639.57	+0.00	+19,915.75	+18,126.707	+37,284.170
17	+0.02330	+26,014.75	+0.00	+25,797.94	+18,355.162	+21,242.710
18	+0.02339	+30,572.56	+0.00	+30,213.18	+18,426.062	+21,242.710
19	+0.02354	+32,168.03	+0.00	+31,686.54	+18,544.228	+10,205.890
20	+0.02347	+33,692.75	+0.00	+32,961.08	+18,489.084	+10,205.890
21	+0.02311	+18,493.96	+0.00	+17,706.03	+18,205.485	+37,413.540
22	+0.02307	+12,444.77	+0.00	+12,092.70	+18,173.974	+37,413.540
23	+0.02330	+23,440.69	+0.00	+23,049.30	+18,355.162	+5,314.770
24	+0.02346	+24,583.29	+0.00	+24,419.47	+18,481.206	+5,314.770
25	+0.02367	+30,751.38	+0.00	+30,018.76	+18,646.639	+5,314.770
26	+0.02375	+30,969.93	+0.00	+30,465.58	+18,709.661	+5,314.770
27	+0.02358	+43,449.44	+0.00	+42,971.52	+18,575.739	+11,920.030
28	+0.02347	+37,753.72	+0.00	+37,373.67	+18,489.084	+11,920.030
29	+0.02364	+42,627.56	+0.00	+42,195.03	+18,623.005	+19,233.850
30	+0.02371	+44,858.73	+0.00	+44,002.45	+18,678.150	+19,233.850
31	+0.02370	+53,689.25	+0.00	+41,243.79	+18,670.272	+24,259.460
32	+0.02436	+87,816.36	+0.00	+76,642.03	+19,190.204	+24,259.460
33	+0.02469	+94,656.96	+0.00	+78,228.65	+19,450.169	+29,881.770
34	+0.02580	+92,026.31	+0.00	+91,502.56	+20,324.600	+29,881.770
35	+0.02665	+86,779.95	+0.00	+85,914.54	+20,994.209	+5,314.770
36	+0.02664	+111,595.95	+0.00	+110,266.81	+20,986.331	+5,314.770
37	+0.02631	+99,634.54	+0.00	+99,079.31	+20,726.365	+5,314.770
38	+0.02574	+108,727.84	+0.00	+108,276.50	+20,277.333	+5,314.770
39	+0.02502	+125,023.55	+0.00	+124,593.09	+19,710.135	+5,314.770
40	+0.02415	+130,518.09	+0.00	+129,124.08	+19,024.771	+5,314.770
41	+0.02319	+137,369.37	+0.00	+136,644.82	+18,268.507	+5,314.770
42	+0.02220	+152,505.67	+0.00	+151,430.34	+17,488.609	+861.930

43	+0.02094	+175,157.12	+.00	+174,663.28	+16,496.012	+861.930
44	+0.01958	+176,245.96	+.00	+175,342.05	+15,424.638	+861.930
45	+0.01844	+155,858.51	+.00	+154,193.31	+14,526.574	+861.930
46	+0.01697	+148,614.43	+.00	+148,121.60	+13,368.545	+861.930
47	+0.01592	+161,725.94	+.00	+161,254.54	+12,541.381	+25,175.720
48	+0.01526	+158,495.97	+.00	+156,540.33	+12,021.449	+25,175.720

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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	-322.287	+61.392	+0.000	+1,800.143	+0.000	+12,361.066
02	-326.154	+62.128	+0.000	+1,821.745	+0.000	+12,509.398
03	-321.427	+61.228	+0.000	+1,795.343	+0.000	+12,328.103
04	-322.502	+61.433	+0.000	+1,801.343	+0.000	+12,369.306
05	-324.221	+61.760	+0.000	+1,810.944	+0.000	+12,435.232
06	-326.799	+62.251	+0.000	+1,825.345	+0.000	+12,534.121
07	-325.295	+61.965	+0.000	+1,816.944	+0.000	+12,476.436
08	-325.080	+61.924	+0.000	+1,815.744	+0.000	+12,468.195
09	-329.162	+62.701	+0.000	+1,838.546	+0.000	+12,624.768
10	-334.534	+63.725	+0.000	+1,868.549	+0.000	+12,830.786
11	-334.963	+63.806	+0.000	+1,870.949	+0.000	+12,847.268
12	-350.648	+66.794	+0.000	+1,958.556	+0.000	+13,448.839
13	-382.232	+72.811	+0.000	+2,134.970	+0.000	+14,660.224
14	-423.700	+80.710	+0.000	+2,366.588	+0.000	+16,250.681
15	-471.613	+89.837	+0.000	+2,634.209	+0.000	+18,088.359
16	-494.388	+94.175	+0.000	+2,761.420	+0.000	+18,961.875
17	-500.619	+95.362	+0.000	+2,796.222	+0.000	+19,200.855
18	-502.553	+95.730	+0.000	+2,807.023	+0.000	+19,275.022
19	-505.775	+96.344	+0.000	+2,825.025	+0.000	+19,398.632
20	-504.271	+96.058	+0.000	+2,816.624	+0.000	+19,340.947
21	-496.537	+94.584	+0.000	+2,773.420	+0.000	+19,044.282
22	-495.677	+94.421	+0.000	+2,768.620	+0.000	+19,011.319
23	-500.619	+95.362	+0.000	+2,796.222	+0.000	+19,200.855
24	-504.057	+96.017	+0.000	+2,815.424	+0.000	+19,332.707
25	-508.569	+96.876	+0.000	+2,840.626	+0.000	+19,505.762
26	-510.288	+97.204	+0.000	+2,850.227	+0.000	+19,571.687
27	-506.635	+96.508	+0.000	+2,829.825	+0.000	+19,431.595
28	-504.271	+96.058	+0.000	+2,816.624	+0.000	+19,340.947
29	-507.924	+96.753	+0.000	+2,837.026	+0.000	+19,481.039
30	-509.428	+97.040	+0.000	+2,845.426	+0.000	+19,538.724
31	-509.213	+96.999	+0.000	+2,844.226	+0.000	+19,530.484
32	-523.394	+99.700	+0.000	+2,923.432	+0.000	+20,074.371
33	-530.484	+101.051	+0.000	+2,963.036	+0.000	+20,346.314
34	-554.333	+105.594	+0.000	+3,096.246	+0.000	+21,261.033
35	-572.596	+109.073	+0.000	+3,198.254	+0.000	+21,961.493
36	-572.381	+109.032	+0.000	+3,197.054	+0.000	+21,953.253
37	-565.291	+107.681	+0.000	+3,157.451	+0.000	+21,681.309
38	-553.044	+105.348	+0.000	+3,089.046	+0.000	+21,211.589
39	-537.574	+102.401	+0.000	+3,002.639	+0.000	+20,618.257
40	-518.882	+98.841	+0.000	+2,898.230	+0.000	+19,901.316
41	-498.255	+94.912	+0.000	+2,783.021	+0.000	+19,110.207
42	-476.985	+90.860	+0.000	+2,664.212	+0.000	+18,294.377

43	-449.912	+85.703	+.000	+2,513.000	+.000	+17,256.048
44	-420.692	+80.137	+.000	+2,349.787	+.000	+16,135.311
45	-396.198	+75.471	+.000	+2,212.976	+.000	+15,195.870
46	-364.614	+69.455	+.000	+2,036.562	+.000	+13,984.486
47	-342.054	+65.157	+.000	+1,910.552	+.000	+13,119.211
48	-327.873	+62.456	+.000	+1,831.346	+.000	+12,575.324

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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	+94.619	+.000	+.000	+.000	+.000
02	+.000	+95.754	+.000	+.000	+.000	+.000
03	+.000	+94.366	+.000	+.000	+.000	+.000
04	+.000	+94.682	+.000	+.000	+.000	+.000
05	+.000	+95.187	+.000	+.000	+.000	+.000
06	+.000	+95.943	+.000	+.000	+.000	+.000
07	+.000	+95.502	+.000	+.000	+.000	+.000
08	+.000	+95.439	+.000	+.000	+.000	+.000
09	+.000	+96.637	+.000	+.000	+.000	+.000
10	+.000	+98.214	+.000	+.000	+.000	+.000
11	+.000	+98.340	+.000	+.000	+.000	+.000
12	+.000	+102.945	+.000	+.000	+.000	+.000
13	+.000	+112.218	+.000	+.000	+.000	+.000
14	+.000	+124.392	+.000	+.000	+.000	+.000
15	+.000	+138.459	+.000	+.000	+.000	+.000
16	+.000	+145.145	+.000	+.000	+.000	+.000
17	+.000	+146.975	+.000	+.000	+.000	+.000
18	+.000	+147.542	+.000	+.000	+.000	+.000
19	+.000	+148.488	+.000	+.000	+.000	+.000
20	+.000	+148.047	+.000	+.000	+.000	+.000
21	+.000	+145.776	+.000	+.000	+.000	+.000
22	+.000	+145.524	+.000	+.000	+.000	+.000
23	+.000	+146.975	+.000	+.000	+.000	+.000
24	+.000	+147.984	+.000	+.000	+.000	+.000
25	+.000	+149.308	+.000	+.000	+.000	+.000
26	+.000	+149.813	+.000	+.000	+.000	+.000
27	+.000	+148.741	+.000	+.000	+.000	+.000
28	+.000	+148.047	+.000	+.000	+.000	+.000
29	+.000	+149.119	+.000	+.000	+.000	+.000
30	+.000	+149.561	+.000	+.000	+.000	+.000
31	+.000	+149.498	+.000	+.000	+.000	+.000
32	+.000	+153.661	+.000	+.000	+.000	+.000
33	+.000	+155.743	+.000	+.000	+.000	+.000
34	+.000	+162.744	+.000	+.000	+.000	+.000
35	+.000	+168.106	+.000	+.000	+.000	+.000
36	+.000	+168.043	+.000	+.000	+.000	+.000
37	+.000	+165.961	+.000	+.000	+.000	+.000
38	+.000	+162.366	+.000	+.000	+.000	+.000
39	+.000	+157.824	+.000	+.000	+.000	+.000
40	+.000	+152.336	+.000	+.000	+.000	+.000
41	+.000	+146.281	+.000	+.000	+.000	+.000
42	+.000	+140.036	+.000	+.000	+.000	+.000

43	+.000	+132.088	+.000	+.000	+.000	+.000
44	+.000	+123.509	+.000	+.000	+.000	+.000
45	+.000	+116.318	+.000	+.000	+.000	+.000
46	+.000	+107.045	+.000	+.000	+.000	+.000
47	+.000	+100.422	+.000	+.000	+.000	+.000
48	+.000	+96.259	+.000	+.000	+.000	+.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	+64,207.340
02	+ .000	+66,238.669
03	+ .000	+72,415.769
04	+ .000	+73,896.158
05	+ .000	+73,875.420
06	+ .000	+73,663.952
07	+ .000	+74,948.598
08	+ .000	+77,490.790
09	+ .000	+86,062.307
10	+ .000	+90,052.649
11	+ .000	+93,062.545
12	+ .000	+100,153.367
13	+ .000	+104,344.100
14	+ .000	+102,417.638
15	+ .000	+111,083.086
16	+ .000	+96,794.853
17	+ .000	+87,134.607
18	+ .000	+91,704.716
19	+ .000	+82,399.372
20	+ .000	+83,553.458
21	+ .000	+94,886.580
22	+ .000	+89,204.420
23	+ .000	+68,458.027
24	+ .000	+70,103.520
25	+ .000	+76,064.172
26	+ .000	+76,648.654
27	+ .000	+95,467.323
28	+ .000	+89,680.188
29	+ .000	+102,107.899
30	+ .000	+104,035.773
31	+ .000	+106,285.515
32	+ .000	+142,819.464
33	+ .000	+150,596.248
34	+ .000	+165,780.214
35	+ .000	+137,087.849
36	+ .000	+161,422.911
37	+ .000	+149,667.557
38	+ .000	+157,883.907
39	+ .000	+172,961.542
40	+ .000	+175,995.462
41	+ .000	+181,864.262
42	+ .000	+190,493.379

43	+.000	+211,558.148
44	+.000	+209,896.670
45	+.000	+186,786.251
46	+.000	+178,185.008
47	+.000	+213,824.929
48	+.000	+207,975.011