

Date: 24/12/2020

Settlement Day:05/11/2019

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: 219

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+2,372,024.130	+371,972,112.030
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+2,340,782.950	+367,189,487.910
Balancing Services Contract Cost	+827,024.717	+200,457,984.263
Balancing Services Cost Variable	+606,070.430	+92,056,001.850
ESO Incentive Recovery Costs	-21,485.790	+5,370,193.220
Black Start Capital Costs	+4,092.783	+54,147.135
Black Start Testing Costs	+0.000	+203,621.826
Black Start Availability Costs	+119,660.490	+25,268,602.956
Black Start Other Costs	+0.000	+69,815.007
System Operator Internal Costs	+824,071.040	+180,471,557.760
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,381,434.480
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	+180,471,557.760
Total External Costs	+3,882,453.500	+692,051,288.647
Total Adjusted Energy Volume (MWh)	+1,496,319.194	

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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	+21,779.164	+218,441.112	+10.02982
02	+21,759.038	+216,361.069	+9.94350
03	+21,795.601	+212,853.759	+9.76590
04	+21,728.716	+193,452.455	+8.90308
05	+21,706.512	+179,606.059	+8.27429
06	+21,507.812	+174,242.805	+8.10137
07	+21,390.443	+185,219.308	+8.65897
08	+21,072.949	+167,285.220	+7.93839
09	+21,294.252	+163,710.451	+7.68801
10	+20,896.421	+154,685.736	+7.40250
11	+21,186.363	+150,694.364	+7.11280
12	+22,684.612	+114,505.945	+5.04774
13	+26,857.076	+103,438.627	+3.85145
14	+29,898.728	+79,214.110	+2.64941
15	+32,850.873	+75,525.612	+2.29904
16	+34,109.918	+86,482.722	+2.53541
17	+34,820.120	+79,141.338	+2.27286
18	+34,871.513	+88,474.038	+2.53714
19	+34,804.684	+76,460.021	+2.19683
20	+34,781.275	+68,370.248	+1.96572
21	+34,890.826	+71,482.141	+2.04874
22	+34,794.597	+67,591.524	+1.94259
23	+34,906.653	+62,412.558	+1.78798
24	+34,868.568	+58,785.848	+1.68593
25	+35,010.503	+65,027.205	+1.85736
26	+35,143.660	+59,524.456	+1.69375
27	+35,107.255	+55,206.995	+1.57252
28	+35,175.445	+51,935.439	+1.47647
29	+35,462.624	+57,796.246	+1.62978
30	+35,521.087	+62,897.123	+1.77070
31	+35,919.913	+66,701.305	+1.85695
32	+36,968.464	+76,468.254	+2.06847
33	+37,501.944	+90,026.259	+2.40058
34	+38,949.047	+102,724.520	+2.63741
35	+39,673.009	+79,951.232	+2.01526
36	+39,606.473	+78,560.346	+1.98352
37	+39,333.328	+77,868.755	+1.97971
38	+38,670.769	+78,134.723	+2.02051
39	+37,965.195	+76,905.117	+2.02567
40	+36,855.795	+73,708.631	+1.99992
41	+35,882.942	+77,451.714	+2.15845
42	+34,665.728	+63,990.201	+1.84592

43	+33,072.246	+67,158.273	+2.03065
44	+31,139.426	+64,840.767	+2.08227
45	+29,279.337	+62,327.385	+2.12872
46	+27,341.190	+52,499.202	+1.92015
47	+25,885.099	+58,351.351	+2.25424
48	+24,932.001	+58,031.972	+2.32761

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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	+0.01456	+172,021.87	+0.00	+168,264.58	+12,041.480	+24,555.720
02	+0.01454	+169,873.00	+0.00	+166,219.73	+12,024.939	+24,555.720
03	+0.01457	+165,441.56	+0.00	+162,723.88	+12,049.750	+24,491.470
04	+0.01452	+144,152.29	+0.00	+143,410.56	+12,008.399	+24,491.470
05	+0.01451	+130,374.85	+0.00	+129,392.51	+12,000.129	+24,680.720
06	+0.01437	+124,798.72	+0.00	+124,275.61	+11,884.345	+24,680.720
07	+0.01430	+135,715.97	+0.00	+135,150.19	+11,826.453	+24,905.820
08	+0.01408	+118,287.50	+0.00	+117,603.23	+11,644.508	+24,905.820
09	+0.01423	+113,424.91	+0.00	+112,872.61	+11,768.562	+25,797.720
10	+0.01397	+105,301.97	+0.00	+104,305.41	+11,553.535	+25,797.720
11	+0.01416	+102,092.96	+0.00	+101,368.70	+11,710.670	+24,408.720
12	+0.01516	+64,380.63	+0.00	+63,420.61	+12,537.695	+24,408.720
13	+0.01795	+40,072.72	+0.00	+38,075.83	+14,845.094	+33,776.700
14	+0.01998	+10,739.90	+0.00	+10,279.18	+16,523.954	+33,776.700
15	+0.02195	+10,782.89	+0.00	+10,427.88	+18,153.193	+26,472.950
16	+0.02280	+20,209.64	+0.00	+19,889.27	+18,856.164	+26,472.950
17	+0.02327	+28,768.42	+0.00	+28,557.89	+19,244.865	+9,635.900
18	+0.02330	+38,824.45	+0.00	+37,837.80	+19,269.676	+9,635.900
19	+0.02326	+29,763.65	+0.00	+29,353.37	+19,236.595	+6,176.700
20	+0.02324	+21,798.31	+0.00	+21,298.79	+19,220.054	+6,176.700
21	+0.02332	+25,408.57	+0.00	+24,269.91	+19,286.216	+6,176.700
22	+0.02325	+20,668.94	+0.00	+20,502.47	+19,228.325	+6,176.700
23	+0.02333	+15,286.82	+0.00	+15,182.73	+19,294.487	+6,176.700
24	+0.02330	+11,788.51	+0.00	+11,608.81	+19,269.676	+6,176.700
25	+0.02340	+18,890.57	+0.00	+18,536.13	+19,352.378	+5,314.770
26	+0.02349	+12,974.89	+0.00	+12,875.01	+19,426.811	+5,314.770
27	+0.02346	+14,222.68	+0.00	+13,925.11	+19,402.000	+0.000
28	+0.02351	+10,693.11	+0.00	+10,565.57	+19,443.351	+0.000
29	+0.02370	+16,376.91	+0.00	+16,092.04	+19,600.486	+0.000
30	+0.02374	+21,842.06	+0.00	+21,122.53	+19,633.567	+0.000
31	+0.02401	+12,519.45	+0.00	+12,209.69	+19,856.863	+12,241.910
32	+0.02471	+21,136.00	+0.00	+20,744.87	+20,435.781	+12,241.910
33	+0.02506	+17,738.85	+0.00	+17,121.63	+20,725.239	+28,807.270
34	+0.02603	+28,533.84	+0.00	+28,113.01	+21,527.453	+28,807.270
35	+0.02651	+28,333.57	+0.00	+27,987.58	+21,924.425	+5,314.770
36	+0.02647	+26,980.75	+0.00	+26,667.08	+21,891.344	+5,314.770
37	+0.02629	+26,652.96	+0.00	+26,292.23	+21,742.480	+5,314.770
38	+0.02584	+27,601.47	+0.00	+27,350.05	+21,370.319	+5,314.770
39	+0.02537	+27,238.31	+0.00	+26,947.49	+20,981.617	+5,314.770
40	+0.02463	+25,223.64	+0.00	+25,053.16	+20,369.619	+5,314.770
41	+0.02398	+30,377.46	+0.00	+29,940.03	+19,832.053	+5,314.770
42	+0.02317	+23,444.32	+0.00	+23,218.62	+19,162.163	+0.000

43	+0.02210	+28,497.48	+ .00	+28,269.54	+18,277.246	+ .000
44	+0.02081	+28,496.02	+ .00	+28,222.01	+17,210.384	+ .000
45	+0.01957	+28,069.98	+ .00	+27,890.62	+16,184.874	+ .000
46	+0.01827	+19,944.37	+ .00	+19,807.51	+15,109.742	+542.500
47	+0.01730	+27,763.70	+ .00	+27,366.54	+14,307.528	+542.500
48	+0.01666	+28,492.69	+ .00	+28,173.35	+13,778.232	+542.500

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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	-312.833	+59.591	+0.000	+1,742.257	+0.000	+11,998.474
02	-312.403	+59.509	+0.000	+1,739.864	+0.000	+11,981.993
03	-313.048	+59.632	+0.000	+1,743.453	+0.000	+12,006.715
04	-311.974	+59.427	+0.000	+1,737.470	+0.000	+11,965.512
05	-311.759	+59.386	+0.000	+1,736.274	+0.000	+11,957.271
06	-308.751	+58.813	+0.000	+1,719.521	+0.000	+11,841.901
07	-307.247	+58.527	+0.000	+1,711.145	+0.000	+11,784.216
08	-302.520	+57.626	+0.000	+1,684.820	+0.000	+11,602.920
09	-305.743	+58.240	+0.000	+1,702.769	+0.000	+11,726.531
10	-300.156	+57.176	+0.000	+1,671.657	+0.000	+11,512.272
11	-304.239	+57.954	+0.000	+1,694.393	+0.000	+11,668.846
12	-325.725	+62.047	+0.000	+1,814.053	+0.000	+12,492.917
13	-385.670	+73.465	+0.000	+2,147.906	+0.000	+14,792.075
14	-429.286	+81.774	+0.000	+2,390.817	+0.000	+16,464.939
15	-471.613	+89.837	+0.000	+2,626.548	+0.000	+18,088.359
16	-489.876	+93.315	+0.000	+2,728.259	+0.000	+18,788.820
17	-499.974	+95.239	+0.000	+2,784.500	+0.000	+19,176.133
18	-500.619	+95.362	+0.000	+2,788.089	+0.000	+19,200.855
19	-499.759	+95.198	+0.000	+2,783.303	+0.000	+19,167.892
20	-499.330	+95.116	+0.000	+2,780.910	+0.000	+19,151.411
21	-501.049	+95.444	+0.000	+2,790.483	+0.000	+19,217.337
22	-499.545	+95.157	+0.000	+2,782.106	+0.000	+19,159.652
23	-501.263	+95.485	+0.000	+2,791.679	+0.000	+19,225.577
24	-500.619	+95.362	+0.000	+2,788.089	+0.000	+19,200.855
25	-502.767	+95.771	+0.000	+2,800.055	+0.000	+19,283.262
26	-504.701	+96.139	+0.000	+2,810.825	+0.000	+19,357.429
27	-504.057	+96.017	+0.000	+2,807.235	+0.000	+19,332.707
28	-505.131	+96.221	+0.000	+2,813.218	+0.000	+19,373.910
29	-509.213	+96.999	+0.000	+2,835.954	+0.000	+19,530.484
30	-510.073	+97.163	+0.000	+2,840.740	+0.000	+19,563.446
31	-515.874	+98.268	+0.000	+2,873.048	+0.000	+19,785.946
32	-530.914	+101.133	+0.000	+2,956.811	+0.000	+20,362.795
33	-538.434	+102.565	+0.000	+2,998.692	+0.000	+20,651.220
34	-559.275	+106.535	+0.000	+3,114.763	+0.000	+21,450.569
35	-569.588	+108.500	+0.000	+3,172.200	+0.000	+21,846.123
36	-568.729	+108.336	+0.000	+3,167.413	+0.000	+21,813.160
37	-564.861	+107.599	+0.000	+3,145.874	+0.000	+21,664.828
38	-555.193	+105.758	+0.000	+3,092.027	+0.000	+21,293.996
39	-545.094	+103.834	+0.000	+3,035.787	+0.000	+20,906.682
40	-529.195	+100.805	+0.000	+2,947.238	+0.000	+20,296.870
41	-515.229	+98.145	+0.000	+2,869.459	+0.000	+19,761.224
42	-497.826	+94.830	+0.000	+2,772.534	+0.000	+19,093.726

43	-474.836	+90.451	+.000	+2,644.497	+.000	+18,211.970
44	-447.119	+85.171	+.000	+2,490.135	+.000	+17,148.918
45	-420.477	+80.096	+.000	+2,341.756	+.000	+16,127.070
46	-392.545	+74.775	+.000	+2,186.197	+.000	+15,055.778
47	-371.704	+70.805	+.000	+2,070.126	+.000	+14,256.429
48	-357.953	+68.186	+.000	+1,993.544	+.000	+13,729.024

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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	+0.000	+91.843	+0.000	+0.000	+0.000	+0.000
02	+0.000	+91.717	+0.000	+0.000	+0.000	+0.000
03	+0.000	+91.906	+0.000	+0.000	+0.000	+0.000
04	+0.000	+91.591	+0.000	+0.000	+0.000	+0.000
05	+0.000	+91.528	+0.000	+0.000	+0.000	+0.000
06	+0.000	+90.645	+0.000	+0.000	+0.000	+0.000
07	+0.000	+90.203	+0.000	+0.000	+0.000	+0.000
08	+0.000	+88.816	+0.000	+0.000	+0.000	+0.000
09	+0.000	+89.762	+0.000	+0.000	+0.000	+0.000
10	+0.000	+88.122	+0.000	+0.000	+0.000	+0.000
11	+0.000	+89.320	+0.000	+0.000	+0.000	+0.000
12	+0.000	+95.628	+0.000	+0.000	+0.000	+0.000
13	+0.000	+113.227	+0.000	+0.000	+0.000	+0.000
14	+0.000	+126.032	+0.000	+0.000	+0.000	+0.000
15	+0.000	+138.459	+0.000	+0.000	+0.000	+0.000
16	+0.000	+143.821	+0.000	+0.000	+0.000	+0.000
17	+0.000	+146.785	+0.000	+0.000	+0.000	+0.000
18	+0.000	+146.975	+0.000	+0.000	+0.000	+0.000
19	+0.000	+146.722	+0.000	+0.000	+0.000	+0.000
20	+0.000	+146.596	+0.000	+0.000	+0.000	+0.000
21	+0.000	+147.101	+0.000	+0.000	+0.000	+0.000
22	+0.000	+146.659	+0.000	+0.000	+0.000	+0.000
23	+0.000	+147.164	+0.000	+0.000	+0.000	+0.000
24	+0.000	+146.975	+0.000	+0.000	+0.000	+0.000
25	+0.000	+147.605	+0.000	+0.000	+0.000	+0.000
26	+0.000	+148.173	+0.000	+0.000	+0.000	+0.000
27	+0.000	+147.984	+0.000	+0.000	+0.000	+0.000
28	+0.000	+148.299	+0.000	+0.000	+0.000	+0.000
29	+0.000	+149.498	+0.000	+0.000	+0.000	+0.000
30	+0.000	+149.750	+0.000	+0.000	+0.000	+0.000
31	+0.000	+151.453	+0.000	+0.000	+0.000	+0.000
32	+0.000	+155.869	+0.000	+0.000	+0.000	+0.000
33	+0.000	+158.076	+0.000	+0.000	+0.000	+0.000
34	+0.000	+164.195	+0.000	+0.000	+0.000	+0.000
35	+0.000	+167.223	+0.000	+0.000	+0.000	+0.000
36	+0.000	+166.971	+0.000	+0.000	+0.000	+0.000
37	+0.000	+165.835	+0.000	+0.000	+0.000	+0.000
38	+0.000	+162.997	+0.000	+0.000	+0.000	+0.000
39	+0.000	+160.032	+0.000	+0.000	+0.000	+0.000
40	+0.000	+155.364	+0.000	+0.000	+0.000	+0.000
41	+0.000	+151.264	+0.000	+0.000	+0.000	+0.000
42	+0.000	+146.155	+0.000	+0.000	+0.000	+0.000



43	+.000	+139.405	+.000	+.000	+.000	+.000
44	+.000	+131.268	+.000	+.000	+.000	+.000
45	+.000	+123.446	+.000	+.000	+.000	+.000
46	+.000	+115.246	+.000	+.000	+.000	+.000
47	+.000	+109.127	+.000	+.000	+.000	+.000
48	+.000	+105.090	+.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	+218,441.112
02	+ .000	+216,361.069
03	+ .000	+212,853.759
04	+ .000	+193,452.455
05	+ .000	+179,606.059
06	+ .000	+174,242.805
07	+ .000	+185,219.308
08	+ .000	+167,285.220
09	+ .000	+163,710.451
10	+ .000	+154,685.736
11	+ .000	+150,694.364
12	+ .000	+114,505.945
13	+ .000	+103,438.627
14	+ .000	+79,214.110
15	+ .000	+75,525.612
16	+ .000	+86,482.722
17	+ .000	+79,141.338
18	+ .000	+88,474.038
19	+ .000	+76,460.021
20	+ .000	+68,370.248
21	+ .000	+71,482.141
22	+ .000	+67,591.524
23	+ .000	+62,412.558
24	+ .000	+58,785.848
25	+ .000	+65,027.205
26	+ .000	+59,524.456
27	+ .000	+55,206.995
28	+ .000	+51,935.439
29	+ .000	+57,796.246
30	+ .000	+62,897.123
31	+ .000	+66,701.305
32	+ .000	+76,468.254
33	+ .000	+90,026.259
34	+ .000	+102,724.520
35	+ .000	+79,951.232
36	+ .000	+78,560.346
37	+ .000	+77,868.755
38	+ .000	+78,134.723
39	+ .000	+76,905.117
40	+ .000	+73,708.631
41	+ .000	+77,451.714
42	+ .000	+63,990.201

43	+.000	+67,158.273
44	+.000	+64,840.767
45	+.000	+62,327.385
46	+.000	+52,499.202
47	+.000	+58,351.351
48	+.000	+58,031.972