

Date: 02/12/2020

Settlement Day:14/10/2019

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: 197

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,258,623.990	+323,691,122.250
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,236,723.950	+319,509,468.310
Balancing Services Contract Cost	+920,579.063	+180,038,447.246
Balancing Services Cost Variable	+331,255.490	+79,949,075.660
ESO Incentive Recovery Costs	-21,485.790	+5,842,880.600
Black Start Capital Costs	+0.000	+33,683.220
Black Start Testing Costs	+980.484	+186,953.598
Black Start Availability Costs	+111,382.599	+22,695,944.923
Black Start Other Costs	+2,252.097	+31,529.358
System Operator Internal Costs	+824,071.040	+162,341,994.880
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,242,660.240
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	+162,341,994.880
Total External Costs	+2,587,995.813	+609,530,643.155
Total Adjusted Energy Volume (MWh)	+1,423,052.684	

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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	+20,468.985	+59,225.567	+2.89343
02	+20,065.291	+61,771.923	+3.07855
03	+19,975.981	+59,747.297	+2.99096
04	+20,688.117	+82,407.791	+3.98334
05	+20,722.771	+95,261.973	+4.59697
06	+20,387.069	+102,025.663	+5.00443
07	+20,070.976	+91,295.933	+4.54865
08	+19,998.831	+82,660.858	+4.13328
09	+19,996.552	+84,214.118	+4.21143
10	+20,169.458	+89,115.699	+4.41835
11	+20,478.814	+66,994.048	+3.27138
12	+21,574.819	+54,441.185	+2.52337
13	+24,210.840	+57,807.747	+2.38768
14	+27,187.574	+56,854.940	+2.09121
15	+30,880.430	+64,716.347	+2.09571
16	+32,096.364	+59,673.731	+1.85921
17	+32,860.821	+65,500.728	+1.99328
18	+32,915.092	+65,204.202	+1.98098
19	+33,269.709	+65,572.384	+1.97093
20	+33,494.643	+70,094.728	+2.09271
21	+33,506.912	+64,120.859	+1.91366
22	+33,537.517	+57,035.500	+1.70065
23	+34,059.059	+59,444.262	+1.74533
24	+34,308.281	+58,373.378	+1.70144
25	+34,634.402	+78,104.778	+2.25512
26	+34,253.735	+78,836.214	+2.30154
27	+34,288.328	+79,108.566	+2.30716
28	+34,139.948	+59,017.727	+1.72870
29	+34,330.735	+61,146.748	+1.78111
30	+34,287.752	+60,408.546	+1.76181
31	+34,235.624	+76,087.943	+2.22248
32	+34,606.130	+80,265.086	+2.31939
33	+35,027.006	+85,425.051	+2.43883
34	+36,008.564	+89,016.562	+2.47209
35	+36,466.589	+85,050.330	+2.33228
36	+36,830.701	+93,604.412	+2.54148
37	+37,007.737	+86,618.544	+2.34055
38	+37,316.467	+86,437.722	+2.31634
39	+36,673.957	+85,362.063	+2.32759
40	+35,762.242	+77,018.177	+2.15362
41	+34,668.932	+69,680.579	+2.00989
42	+33,116.771	+64,818.564	+1.95727

43	+31,327.891	+66,074.714	+2.10913
44	+29,573.371	+54,496.126	+1.84274
45	+28,608.362	+53,315.757	+1.86364
46	+26,613.938	+53,802.825	+2.02160
47	+23,783.332	+60,893.931	+2.56036
48	+22,565.264	+53,841.266	+2.38602

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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	+0.01438	+20,168.27	+0.00	+19,992.09	+13,237.927	+12,715.500
02	+0.01410	+23,399.55	+0.00	+23,054.79	+12,980.165	+12,715.500
03	+0.01404	+21,640.73	+0.00	+21,234.19	+12,924.930	+12,622.120
04	+0.01454	+43,546.88	+0.00	+42,972.64	+13,385.220	+12,622.120
05	+0.01456	+55,710.68	+0.00	+55,205.06	+13,403.631	+13,207.000
06	+0.01433	+63,077.38	+0.00	+62,392.89	+13,191.898	+13,207.000
07	+0.01410	+52,736.18	+0.00	+52,176.10	+12,980.165	+13,118.200
08	+0.01405	+44,111.16	+0.00	+43,633.23	+12,934.136	+13,118.200
09	+0.01405	+47,496.13	+0.00	+46,815.07	+12,934.136	+11,489.620
10	+0.01417	+52,647.53	+0.00	+51,495.36	+13,044.605	+11,489.620
11	+0.01439	+27,196.38	+0.00	+26,244.88	+13,247.133	+14,212.750
12	+0.01516	+12,917.63	+0.00	+12,272.07	+13,955.979	+14,212.750
13	+0.01701	+12,079.90	+0.00	+11,548.69	+15,659.050	+14,891.130
14	+0.01911	+7,749.80	+0.00	+6,723.30	+17,592.266	+14,891.130
15	+0.02170	+20,262.19	+0.00	+19,575.02	+19,976.566	+5,124.630
16	+0.02255	+13,482.42	+0.00	+12,964.93	+20,759.058	+5,124.630
17	+0.02309	+18,411.96	+0.00	+17,796.12	+21,256.171	+5,124.630
18	+0.02313	+18,011.09	+0.00	+17,425.83	+21,292.994	+5,124.630
19	+0.02338	+17,800.39	+0.00	+17,332.99	+21,523.138	+5,124.630
20	+0.02354	+22,645.85	+0.00	+21,560.28	+21,670.431	+5,124.630
21	+0.02355	+15,825.46	+0.00	+15,567.97	+21,679.637	+5,124.630
22	+0.02357	+9,272.51	+0.00	+8,445.73	+21,698.049	+5,124.630
23	+0.02393	+10,423.88	+0.00	+10,190.62	+22,029.457	+5,124.630
24	+0.02411	+9,112.80	+0.00	+8,787.80	+22,195.161	+5,124.630
25	+0.02434	+28,254.23	+0.00	+28,095.06	+22,406.894	+5,124.630
26	+0.02407	+29,391.58	+0.00	+29,324.40	+22,158.338	+5,124.630
27	+0.02409	+34,798.77	+0.00	+34,684.50	+22,176.750	+0.000
28	+0.02399	+14,917.72	+0.00	+14,778.07	+22,084.692	+0.000
29	+0.02412	+16,951.45	+0.00	+16,667.36	+22,204.367	+0.000
30	+0.02409	+16,221.47	+0.00	+15,984.48	+22,176.750	+0.000
31	+0.02406	+18,750.56	+0.00	+18,279.00	+22,149.132	+13,440.200
32	+0.02432	+22,329.79	+0.00	+21,976.68	+22,388.483	+13,440.200
33	+0.02461	+23,786.72	+0.00	+23,631.82	+22,655.451	+16,410.240
34	+0.02530	+26,050.34	+0.00	+25,950.91	+23,290.650	+16,410.240
35	+0.02563	+33,075.15	+0.00	+32,661.74	+23,594.441	+5,124.630
36	+0.02588	+40,934.76	+0.00	+40,754.80	+23,824.586	+5,124.630
37	+0.02601	+33,922.55	+0.00	+33,529.20	+23,944.261	+5,124.630
38	+0.02622	+33,101.72	+0.00	+32,961.12	+24,137.583	+5,124.630
39	+0.02577	+32,805.19	+0.00	+32,715.30	+23,723.322	+5,124.630
40	+0.02513	+25,686.15	+0.00	+25,551.63	+23,134.152	+5,124.630
41	+0.02436	+19,812.24	+0.00	+19,633.98	+22,425.306	+5,124.630
42	+0.02327	+22,292.26	+0.00	+21,906.65	+21,421.875	+0.000

43	+0.02201	+25,991.51	+.00	+25,486.35	+20,261.945	+.000
44	+0.02078	+16,402.62	+.00	+16,175.99	+19,129.633	+.000
45	+0.02010	+16,542.47	+.00	+16,249.60	+18,503.639	+.000
46	+0.01870	+19,873.07	+.00	+19,318.39	+17,214.828	+.000
47	+0.01671	+35,358.75	+.00	+35,242.23	+15,382.876	-5,163.000
48	+0.01586	+31,646.17	+.00	+29,757.04	+14,600.384	-5,163.000

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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	-308.966	+0.000	+14.099	+1,601.682	+32.385	+11,850.142
02	-302.950	+0.000	+13.825	+1,570.495	+31.755	+11,619.402
03	-301.660	+0.000	+13.766	+1,563.812	+31.619	+11,569.957
04	-312.403	+0.000	+14.256	+1,619.503	+32.745	+11,981.993
05	-312.833	+0.000	+14.276	+1,621.731	+32.791	+11,998.474
06	-307.891	+0.000	+14.050	+1,596.113	+32.273	+11,808.938
07	-302.950	+0.000	+13.825	+1,570.495	+31.755	+11,619.402
08	-301.875	+0.000	+13.776	+1,564.926	+31.642	+11,578.198
09	-301.875	+0.000	+13.776	+1,564.926	+31.642	+11,578.198
10	-304.454	+0.000	+13.893	+1,578.291	+31.912	+11,677.087
11	-309.181	+0.000	+14.109	+1,602.796	+32.408	+11,858.382
12	-325.725	+0.000	+14.864	+1,688.560	+34.142	+12,492.917
13	-365.473	+0.000	+16.678	+1,894.618	+38.308	+14,017.448
14	-410.593	+0.000	+18.737	+2,128.521	+43.038	+15,747.998
15	-466.242	+0.000	+21.277	+2,417.002	+48.871	+17,882.342
16	-484.505	+0.000	+22.110	+2,511.678	+50.785	+18,582.802
17	-496.107	+0.000	+22.639	+2,571.824	+52.001	+19,027.800
18	-496.966	+0.000	+22.679	+2,576.280	+52.091	+19,060.763
19	-502.338	+0.000	+22.924	+2,604.125	+52.654	+19,266.781
20	-505.775	+0.000	+23.081	+2,621.946	+53.014	+19,398.632
21	-505.990	+0.000	+23.090	+2,623.060	+53.037	+19,406.873
22	-506.420	+0.000	+23.110	+2,625.288	+53.082	+19,423.354
23	-514.155	+0.000	+23.463	+2,665.386	+53.893	+19,720.020
24	-518.022	+0.000	+23.639	+2,685.434	+54.298	+19,868.353
25	-522.964	+0.000	+23.865	+2,711.052	+54.816	+20,057.889
26	-517.163	+0.000	+23.600	+2,680.979	+54.208	+19,835.390
27	-517.593	+0.000	+23.620	+2,683.207	+54.253	+19,851.871
28	-515.444	+0.000	+23.522	+2,672.069	+54.028	+19,769.464
29	-518.237	+0.000	+23.649	+2,686.548	+54.321	+19,876.593
30	-517.593	+0.000	+23.620	+2,683.207	+54.253	+19,851.871
31	-516.948	+0.000	+23.590	+2,679.865	+54.185	+19,827.149
32	-522.534	+0.000	+23.845	+2,708.825	+54.771	+20,041.408
33	-528.765	+0.000	+24.130	+2,741.126	+55.424	+20,280.388
34	-543.590	+0.000	+24.806	+2,817.980	+56.978	+20,848.997
35	-550.681	+0.000	+25.130	+2,854.736	+57.721	+21,120.941
36	-556.052	+0.000	+25.375	+2,882.582	+58.284	+21,326.959
37	-558.845	+0.000	+25.502	+2,897.061	+58.577	+21,434.088
38	-563.357	+0.000	+25.708	+2,920.452	+59.050	+21,607.143
39	-553.689	+0.000	+25.267	+2,870.330	+58.037	+21,236.311
40	-539.938	+0.000	+24.640	+2,799.045	+56.595	+20,708.905
41	-523.394	+0.000	+23.885	+2,713.280	+54.861	+20,074.371
42	-499.974	+0.000	+22.816	+2,591.873	+52.406	+19,176.133

43	-472.902	+.000	+21.580	+2,451.531	+49.569	+18,137.804
44	-446.475	+.000	+20.374	+2,314.530	+46.799	+17,124.196
45	-431.864	+.000	+19.708	+2,238.790	+45.267	+16,563.828
46	-401.784	+.000	+18.335	+2,082.855	+42.114	+15,410.128
47	-359.028	+.000	+16.384	+1,861.203	+37.633	+13,770.227
48	-340.765	+.000	+15.550	+1,766.528	+35.718	+13,069.767

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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	+90.708	+0.000	+0.000	+0.000	+0.000
02	+0.000	+88.942	+0.000	+0.000	+0.000	+0.000
03	+0.000	+88.563	+0.000	+0.000	+0.000	+0.000
04	+0.000	+91.717	+0.000	+0.000	+0.000	+0.000
05	+0.000	+91.843	+0.000	+0.000	+0.000	+0.000
06	+0.000	+90.392	+0.000	+0.000	+0.000	+0.000
07	+0.000	+88.942	+0.000	+0.000	+0.000	+0.000
08	+0.000	+88.626	+0.000	+0.000	+0.000	+0.000
09	+0.000	+88.626	+0.000	+0.000	+0.000	+0.000
10	+0.000	+89.383	+0.000	+0.000	+0.000	+0.000
11	+0.000	+90.771	+0.000	+0.000	+0.000	+0.000
12	+0.000	+95.628	+0.000	+0.000	+0.000	+0.000
13	+0.000	+107.298	+0.000	+0.000	+0.000	+0.000
14	+0.000	+120.544	+0.000	+0.000	+0.000	+0.000
15	+0.000	+136.882	+0.000	+0.000	+0.000	+0.000
16	+0.000	+142.244	+0.000	+0.000	+0.000	+0.000
17	+0.000	+145.650	+0.000	+0.000	+0.000	+0.000
18	+0.000	+145.902	+0.000	+0.000	+0.000	+0.000
19	+0.000	+147.479	+0.000	+0.000	+0.000	+0.000
20	+0.000	+148.488	+0.000	+0.000	+0.000	+0.000
21	+0.000	+148.552	+0.000	+0.000	+0.000	+0.000
22	+0.000	+148.678	+0.000	+0.000	+0.000	+0.000
23	+0.000	+150.949	+0.000	+0.000	+0.000	+0.000
24	+0.000	+152.084	+0.000	+0.000	+0.000	+0.000
25	+0.000	+153.535	+0.000	+0.000	+0.000	+0.000
26	+0.000	+151.832	+0.000	+0.000	+0.000	+0.000
27	+0.000	+151.958	+0.000	+0.000	+0.000	+0.000
28	+0.000	+151.327	+0.000	+0.000	+0.000	+0.000
29	+0.000	+152.147	+0.000	+0.000	+0.000	+0.000
30	+0.000	+151.958	+0.000	+0.000	+0.000	+0.000
31	+0.000	+151.769	+0.000	+0.000	+0.000	+0.000
32	+0.000	+153.409	+0.000	+0.000	+0.000	+0.000
33	+0.000	+155.238	+0.000	+0.000	+0.000	+0.000
34	+0.000	+159.590	+0.000	+0.000	+0.000	+0.000
35	+0.000	+161.672	+0.000	+0.000	+0.000	+0.000
36	+0.000	+163.249	+0.000	+0.000	+0.000	+0.000
37	+0.000	+164.069	+0.000	+0.000	+0.000	+0.000
38	+0.000	+165.394	+0.000	+0.000	+0.000	+0.000
39	+0.000	+162.555	+0.000	+0.000	+0.000	+0.000
40	+0.000	+158.518	+0.000	+0.000	+0.000	+0.000
41	+0.000	+153.661	+0.000	+0.000	+0.000	+0.000
42	+0.000	+146.785	+0.000	+0.000	+0.000	+0.000



43	+.000	+138.837	+.000	+.000	+.000	+.000
44	+.000	+131.079	+.000	+.000	+.000	+.000
45	+.000	+126.789	+.000	+.000	+.000	+.000
46	+.000	+117.958	+.000	+.000	+.000	+.000
47	+.000	+105.405	+.000	+.000	+.000	+.000
48	+.000	+100.044	+.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(f)	Total Period BSUoS charges(f)
01	+ .000	+59,225.567
02	+ .000	+61,771.923
03	+ .000	+59,747.297
04	+ .000	+82,407.791
05	+ .000	+95,261.973
06	+ .000	+102,025.663
07	+ .000	+91,295.933
08	+ .000	+82,660.858
09	+ .000	+84,214.118
10	+ .000	+89,115.699
11	+ .000	+66,994.048
12	+ .000	+54,441.185
13	+ .000	+57,807.747
14	+ .000	+56,854.940
15	+ .000	+64,716.347
16	+ .000	+59,673.731
17	+ .000	+65,500.728
18	+ .000	+65,204.202
19	+ .000	+65,572.384
20	+ .000	+70,094.728
21	+ .000	+64,120.859
22	+ .000	+57,035.500
23	+ .000	+59,444.262
24	+ .000	+58,373.378
25	+ .000	+78,104.778
26	+ .000	+78,836.214
27	+ .000	+79,108.566
28	+ .000	+59,017.727
29	+ .000	+61,146.748
30	+ .000	+60,408.546
31	+ .000	+76,087.943
32	+ .000	+80,265.086
33	+ .000	+85,425.051
34	+ .000	+89,016.562
35	+ .000	+85,050.330
36	+ .000	+93,604.412
37	+ .000	+86,618.544
38	+ .000	+86,437.722
39	+ .000	+85,362.063
40	+ .000	+77,018.177
41	+ .000	+69,680.579
42	+ .000	+64,818.564

43	+.000	+66,074.714
44	+.000	+54,496.126
45	+.000	+53,315.757
46	+.000	+53,802.825
47	+.000	+60,893.931
48	+.000	+53,841.266