

Date: 01/12/2020

Settlement Day:12/10/2019

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: 195

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+2,645,218.070	+321,118,770.700
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+2,617,948.640	+316,974,273.700
Balancing Services Contract Cost	+922,165.613	+178,175,636.645
Balancing Services Cost Variable	+131,460.080	+79,310,727.190
ESO Incentive Recovery Costs	-21,485.790	+5,885,852.180
Black Start Capital Costs	+0.000	+33,683.220
Black Start Testing Costs	+980.484	+184,992.630
Black Start Availability Costs	+122,582.599	+22,461,979.725
Black Start Other Costs	+2,252.097	+27,025.164
System Operator Internal Costs	+824,071.040	+160,693,852.800
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,230,044.400
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	+160,693,852.800
Total External Costs	+3,782,211.643	+604,284,214.854
Total Adjusted Energy Volume (MWh)	+1,199,991.012	

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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	+19,881.100	+137,163.422	+6.89919
02	+19,917.665	+160,414.688	+8.05389
03	+19,751.555	+217,463.485	+11.00994
04	+19,917.623	+208,225.378	+10.45433
05	+19,795.917	+201,144.250	+10.16090
06	+19,471.766	+202,436.134	+10.39639
07	+19,069.761	+199,381.647	+10.45538
08	+18,950.731	+202,812.630	+10.70210
09	+18,956.039	+203,367.119	+10.72836
10	+19,037.239	+196,195.751	+10.30589
11	+18,908.157	+172,632.954	+9.13008
12	+19,094.383	+140,021.665	+7.33313
13	+20,110.888	+140,814.298	+7.00189
14	+21,311.380	+119,756.082	+5.61935
15	+22,900.898	+90,807.925	+3.96526
16	+24,335.346	+61,809.764	+2.53992
17	+25,985.398	+49,589.101	+1.90834
18	+26,991.265	+56,465.075	+2.09198
19	+27,350.000	+58,678.618	+2.14547
20	+27,232.238	+57,446.250	+2.10949
21	+27,287.436	+63,330.214	+2.32086
22	+27,175.460	+62,151.395	+2.28704
23	+27,275.426	+50,542.595	+1.85305
24	+27,314.654	+46,540.591	+1.70387
25	+27,092.549	+45,109.704	+1.66502
26	+26,869.984	+44,711.568	+1.66400
27	+26,580.402	+39,592.998	+1.48956
28	+26,499.649	+37,727.657	+1.42370
29	+26,375.559	+52,382.940	+1.98604
30	+26,247.529	+46,486.634	+1.77109
31	+26,163.642	+54,340.482	+2.07695
32	+26,710.692	+49,638.204	+1.85836
33	+27,644.069	+60,630.736	+2.19326
34	+28,637.777	+65,687.863	+2.29375
35	+30,047.192	+80,414.554	+2.67628
36	+30,907.560	+78,159.043	+2.52880
37	+31,595.218	+78,509.181	+2.48484
38	+31,992.821	+84,275.000	+2.63418
39	+31,425.666	+76,925.569	+2.44786
40	+30,872.519	+77,221.647	+2.50131
41	+29,835.688	+76,651.437	+2.56912
42	+28,690.586	+65,317.626	+2.27662

43	+27,702.929	+56,927.100	+2.05491
44	+26,549.806	+58,087.701	+2.18788
45	+25,270.899	+60,900.496	+2.40991
46	+24,099.644	+52,533.979	+2.17987
47	+22,759.157	+78,237.639	+3.43763
48	+21,397.150	+86,621.893	+4.04829

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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	+0.01657	+107,885.73	+0.00	+107,466.02	+15,280.284	-1,071.000
02	+0.01660	+132,246.28	+0.00	+130,661.58	+15,307.949	-1,071.000
03	+0.01646	+187,715.62	+0.00	+186,502.84	+15,178.846	+396.500
04	+0.01660	+178,987.77	+0.00	+177,004.77	+15,307.949	+396.500
05	+0.01650	+170,747.47	+0.00	+169,820.53	+15,215.733	+685.300
06	+0.01623	+172,595.71	+0.00	+171,613.77	+14,966.748	+685.300
07	+0.01589	+171,170.38	+0.00	+169,837.52	+14,653.212	+38.400
08	+0.01579	+174,593.66	+0.00	+173,454.19	+14,560.995	+38.400
09	+0.01580	+176,804.37	+0.00	+175,351.01	+14,570.217	-1,322.500
10	+0.01586	+169,597.21	+0.00	+168,068.23	+14,625.547	-1,322.500
11	+0.01576	+146,247.40	+0.00	+145,316.37	+14,533.330	-1,947.750
12	+0.01591	+113,047.84	+0.00	+112,426.55	+14,671.655	-1,947.750
13	+0.01676	+105,857.94	+0.00	+104,389.51	+15,455.496	+5,303.580
14	+0.01776	+81,916.15	+0.00	+81,474.42	+16,377.661	+5,303.580
15	+0.01908	+50,434.78	+0.00	+50,125.19	+17,594.920	+5,253.580
16	+0.02028	+19,262.11	+0.00	+18,898.78	+18,701.519	+5,253.580
17	+0.02165	+5,319.67	+0.00	+4,134.20	+19,964.886	+5,253.580
18	+0.02249	+9,751.56	+0.00	+9,450.40	+20,739.505	+5,253.580
19	+0.02279	+11,871.59	+0.00	+11,106.88	+21,016.154	+5,253.580
20	+0.02269	+11,053.91	+0.00	+10,060.20	+20,923.938	+5,253.580
21	+0.02274	+16,167.68	+0.00	+15,851.32	+20,970.046	+5,253.580
22	+0.02265	+15,488.15	+0.00	+14,839.62	+20,887.051	+5,253.580
23	+0.02273	+3,506.18	+0.00	+3,082.27	+20,960.824	+5,253.580
24	+0.02276	-975.44	+0.00	-975.44	+20,988.489	+5,253.580
25	+0.02258	-2,047.59	+0.00	-2,072.09	+20,822.500	+5,253.580
26	+0.02239	-2,112.73	+0.00	-2,117.42	+20,647.288	+5,253.580
27	+0.02215	-1,500.16	+0.00	-1,536.76	+20,425.968	+0.000
28	+0.02208	-3,269.42	+0.00	-3,272.12	+20,361.417	+0.000
29	+0.02198	+11,648.80	+0.00	+11,568.85	+20,269.200	+0.000
30	+0.02187	+5,879.28	+0.00	+5,876.80	+20,167.762	+0.000
31	+0.02180	+13,895.73	+0.00	+13,860.63	+20,103.210	+0.000
32	+0.02226	+8,453.42	+0.00	+8,304.19	+20,527.407	+0.000
33	+0.02304	+18,121.65	+0.00	+17,848.36	+21,246.696	+0.000
34	+0.02386	+21,891.57	+0.00	+21,382.85	+22,002.872	+0.000
35	+0.02504	+29,540.30	+0.00	+28,664.85	+23,091.027	+5,253.580
36	+0.02576	+25,633.36	+0.00	+25,072.39	+23,754.986	+5,253.580
37	+0.02633	+24,985.21	+0.00	+24,364.11	+24,280.621	+5,253.580
38	+0.02666	+29,758.16	+0.00	+29,517.16	+24,584.935	+5,253.580
39	+0.02619	+23,077.14	+0.00	+23,040.46	+24,151.517	+5,253.580
40	+0.02573	+24,578.88	+0.00	+24,190.70	+23,727.321	+5,253.580
41	+0.02486	+25,523.25	+0.00	+25,235.97	+22,925.037	+5,253.580
42	+0.02391	+21,007.53	+0.00	+20,919.77	+22,048.980	+0.000

43	+0.02309	+14,191.92	+.00	+14,051.88	+21,292.804	+.000
44	+0.02213	+17,254.15	+.00	+16,995.08	+20,407.525	+.000
45	+0.02106	+21,952.56	+.00	+21,794.73	+19,420.808	+.000
46	+0.02008	+15,896.46	+.00	+15,247.95	+18,517.086	+.000
47	+0.01897	+29,475.10	+.00	+29,274.24	+17,493.482	+13,738.500
48	+0.01783	+40,089.78	+.00	+39,775.33	+16,442.213	+13,738.500

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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	-356.020	+0.000	+16.247	+2,031.194	+37.317	+13,654.857
02	-356.664	+0.000	+16.276	+2,034.871	+37.385	+13,679.579
03	-353.656	+0.000	+16.139	+2,017.710	+37.070	+13,564.209
04	-356.664	+0.000	+16.276	+2,034.871	+37.385	+13,679.579
05	-354.516	+0.000	+16.178	+2,022.613	+37.160	+13,597.172
06	-348.714	+0.000	+15.913	+1,989.516	+36.552	+13,374.673
07	-341.409	+0.000	+15.580	+1,947.837	+35.786	+13,094.489
08	-339.261	+0.000	+15.482	+1,935.579	+35.561	+13,012.082
09	-339.475	+0.000	+15.492	+1,936.805	+35.583	+13,020.322
10	-340.765	+0.000	+15.550	+1,944.160	+35.718	+13,069.767
11	-338.616	+0.000	+15.452	+1,931.902	+35.493	+12,987.360
12	-341.839	+0.000	+15.600	+1,950.289	+35.831	+13,110.970
13	-360.102	+0.000	+16.433	+2,054.484	+37.745	+13,811.431
14	-381.588	+0.000	+17.413	+2,177.067	+39.997	+14,635.502
15	-409.949	+0.000	+18.708	+2,338.876	+42.970	+15,723.275
16	-435.732	+0.000	+19.884	+2,485.975	+45.673	+16,712.161
17	-465.167	+0.000	+21.227	+2,653.913	+48.758	+17,841.138
18	-483.215	+0.000	+22.051	+2,756.883	+50.650	+18,533.358
19	-489.661	+0.000	+22.345	+2,793.657	+51.325	+18,780.579
20	-487.513	+0.000	+22.247	+2,781.399	+51.100	+18,698.172
21	-488.587	+0.000	+22.296	+2,787.528	+51.213	+18,739.375
22	-486.653	+0.000	+22.208	+2,776.496	+51.010	+18,665.209
23	-488.372	+0.000	+22.286	+2,786.302	+51.190	+18,731.135
24	-489.017	+0.000	+22.316	+2,789.980	+51.258	+18,755.857
25	-485.149	+0.000	+22.139	+2,767.915	+50.852	+18,607.524
26	-481.067	+0.000	+21.953	+2,744.624	+50.424	+18,450.951
27	-475.910	+0.000	+21.718	+2,715.205	+49.884	+18,253.174
28	-474.406	+0.000	+21.649	+2,706.624	+49.726	+18,195.489
29	-472.258	+0.000	+21.551	+2,694.366	+49.501	+18,113.081
30	-469.894	+0.000	+21.443	+2,680.881	+49.253	+18,022.434
31	-468.390	+0.000	+21.375	+2,672.301	+49.096	+17,964.749
32	-478.274	+0.000	+21.826	+2,728.689	+50.132	+18,343.821
33	-495.033	+0.000	+22.590	+2,824.303	+51.888	+18,986.597
34	-512.651	+0.000	+23.394	+2,924.821	+53.735	+19,662.335
35	-538.004	+0.000	+24.551	+3,069.468	+56.393	+20,634.739
36	-553.474	+0.000	+25.257	+3,157.728	+58.014	+21,228.070
37	-565.721	+0.000	+25.816	+3,227.600	+59.298	+21,697.790
38	-572.811	+0.000	+26.140	+3,268.052	+60.041	+21,969.734
39	-562.713	+0.000	+25.679	+3,210.438	+58.982	+21,582.421
40	-552.829	+0.000	+25.228	+3,154.050	+57.946	+21,203.348
41	-534.137	+0.000	+24.375	+3,047.403	+55.987	+20,486.406
42	-513.725	+0.000	+23.443	+2,930.950	+53.848	+19,703.539

43	-496.107	+.000	+22.639	+2,830.432	+52.001	+19,027.800
44	-475.481	+.000	+21.698	+2,712.753	+49.839	+18,236.692
45	-452.491	+.000	+20.649	+2,581.590	+47.429	+17,354.936
46	-431.435	+.000	+19.688	+2,461.459	+45.222	+16,547.346
47	-407.585	+.000	+18.600	+2,325.392	+42.722	+15,632.628
48	-383.092	+.000	+17.482	+2,185.648	+40.155	+14,693.187

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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	+104.522	+.000	+.000	+.000	+.000
02	+.000	+104.711	+.000	+.000	+.000	+.000
03	+.000	+103.828	+.000	+.000	+.000	+.000
04	+.000	+104.711	+.000	+.000	+.000	+.000
05	+.000	+104.081	+.000	+.000	+.000	+.000
06	+.000	+102.378	+.000	+.000	+.000	+.000
07	+.000	+100.233	+.000	+.000	+.000	+.000
08	+.000	+99.602	+.000	+.000	+.000	+.000
09	+.000	+99.665	+.000	+.000	+.000	+.000
10	+.000	+100.044	+.000	+.000	+.000	+.000
11	+.000	+99.413	+.000	+.000	+.000	+.000
12	+.000	+100.359	+.000	+.000	+.000	+.000
13	+.000	+105.721	+.000	+.000	+.000	+.000
14	+.000	+112.029	+.000	+.000	+.000	+.000
15	+.000	+120.355	+.000	+.000	+.000	+.000
16	+.000	+127.925	+.000	+.000	+.000	+.000
17	+.000	+136.566	+.000	+.000	+.000	+.000
18	+.000	+141.865	+.000	+.000	+.000	+.000
19	+.000	+143.757	+.000	+.000	+.000	+.000
20	+.000	+143.127	+.000	+.000	+.000	+.000
21	+.000	+143.442	+.000	+.000	+.000	+.000
22	+.000	+142.874	+.000	+.000	+.000	+.000
23	+.000	+143.379	+.000	+.000	+.000	+.000
24	+.000	+143.568	+.000	+.000	+.000	+.000
25	+.000	+142.433	+.000	+.000	+.000	+.000
26	+.000	+141.234	+.000	+.000	+.000	+.000
27	+.000	+139.720	+.000	+.000	+.000	+.000
28	+.000	+139.279	+.000	+.000	+.000	+.000
29	+.000	+138.648	+.000	+.000	+.000	+.000
30	+.000	+137.954	+.000	+.000	+.000	+.000
31	+.000	+137.513	+.000	+.000	+.000	+.000
32	+.000	+140.414	+.000	+.000	+.000	+.000
33	+.000	+145.334	+.000	+.000	+.000	+.000
34	+.000	+150.507	+.000	+.000	+.000	+.000
35	+.000	+157.950	+.000	+.000	+.000	+.000
36	+.000	+162.492	+.000	+.000	+.000	+.000
37	+.000	+166.088	+.000	+.000	+.000	+.000
38	+.000	+168.169	+.000	+.000	+.000	+.000
39	+.000	+165.204	+.000	+.000	+.000	+.000
40	+.000	+162.303	+.000	+.000	+.000	+.000
41	+.000	+156.815	+.000	+.000	+.000	+.000
42	+.000	+150.822	+.000	+.000	+.000	+.000

43	+.000	+145.650	+.000	+.000	+.000	+.000
44	+.000	+139.594	+.000	+.000	+.000	+.000
45	+.000	+132.845	+.000	+.000	+.000	+.000
46	+.000	+126.663	+.000	+.000	+.000	+.000
47	+.000	+119.661	+.000	+.000	+.000	+.000
48	+.000	+112.470	+.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	+137,163.422
02	+ .000	+160,414.688
03	+ .000	+217,463.485
04	+ .000	+208,225.378
05	+ .000	+201,144.250
06	+ .000	+202,436.134
07	+ .000	+199,381.647
08	+ .000	+202,812.630
09	+ .000	+203,367.119
10	+ .000	+196,195.751
11	+ .000	+172,632.954
12	+ .000	+140,021.665
13	+ .000	+140,814.298
14	+ .000	+119,756.082
15	+ .000	+90,807.925
16	+ .000	+61,809.764
17	+ .000	+49,589.101
18	+ .000	+56,465.075
19	+ .000	+58,678.618
20	+ .000	+57,446.250
21	+ .000	+63,330.214
22	+ .000	+62,151.395
23	+ .000	+50,542.595
24	+ .000	+46,540.591
25	+ .000	+45,109.704
26	+ .000	+44,711.568
27	+ .000	+39,592.998
28	+ .000	+37,727.657
29	+ .000	+52,382.940
30	+ .000	+46,486.634
31	+ .000	+54,340.482
32	+ .000	+49,638.204
33	+ .000	+60,630.736
34	+ .000	+65,687.863
35	+ .000	+80,414.554
36	+ .000	+78,159.043
37	+ .000	+78,509.181
38	+ .000	+84,275.000
39	+ .000	+76,925.569
40	+ .000	+77,221.647
41	+ .000	+76,651.437
42	+ .000	+65,317.626

43	+.000	+56,927.100
44	+.000	+58,087.701
45	+.000	+60,900.496
46	+.000	+52,533.979
47	+.000	+78,237.639
48	+.000	+86,621.893