

Date: 25/11/2019

Settlement Day:16/11/2019

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: 230

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,003,317.720	+382,856,186.500
Balancing Services Contract Cost	+835,174.884	+168,694,140.185
Balancing Services Cost Variable	+409,773.220	+99,402,063.135
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	+28,354,150.633
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+189,536,339.200
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+949,536.600
ESO Incentive Recovery t-1	+80,000.000	+1,920,000.000
ALoMCP Recovery	-81,709.830	-1,961,035.920
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+189,536,339.200
Total External Costs	+2,373,972.085	+687,797,008.983
Total Adjusted Energy Volume (MWh)	+1,438,156.813	

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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	+24,134.889	+63,501.048	+2.63109
02	+24,209.455	+75,393.245	+3.11421
03	+23,825.102	+73,243.798	+3.07423
04	+23,471.065	+68,826.140	+2.93238
05	+23,713.037	+65,380.502	+2.75715
06	+23,633.225	+58,108.224	+2.45875
07	+23,279.470	+50,102.816	+2.15223
08	+22,892.331	+49,227.579	+2.15040
09	+22,808.156	+48,528.982	+2.12770
10	+22,693.956	+48,691.695	+2.14558
11	+22,745.612	+49,076.644	+2.15763
12	+23,176.781	+51,306.969	+2.21372
13	+23,652.446	+58,415.033	+2.46972
14	+24,848.894	+61,948.154	+2.49299
15	+26,909.555	+72,068.705	+2.67818
16	+27,941.163	+72,288.801	+2.58718
17	+29,601.017	+80,269.316	+2.71171
18	+30,930.797	+82,296.932	+2.66068
19	+31,960.170	+61,561.448	+1.92619
20	+32,432.158	+61,871.112	+1.90771
21	+32,846.021	+58,141.258	+1.77012
22	+32,713.929	+62,290.782	+1.90411
23	+32,639.725	+59,261.095	+1.81561
24	+32,860.505	+63,026.997	+1.91802
25	+33,093.622	+63,222.510	+1.91041
26	+32,946.387	+62,105.335	+1.88504
27	+33,033.139	+58,271.272	+1.76402
28	+33,032.943	+55,929.212	+1.69313
29	+33,342.172	+65,727.722	+1.97131
30	+33,718.215	+63,611.719	+1.88657
31	+34,179.477	+58,121.933	+1.70049
32	+34,824.431	+63,303.672	+1.81779
33	+36,093.718	+80,912.190	+2.24172
34	+37,334.550	+91,551.519	+2.45219
35	+37,727.237	+95,936.726	+2.54290
36	+37,530.535	+89,959.792	+2.39698
37	+37,042.481	+89,025.708	+2.40334
38	+36,709.823	+80,925.649	+2.20447
39	+36,045.360	+85,481.842	+2.37151
40	+34,826.735	+77,525.842	+2.22604
41	+33,883.425	+70,852.603	+2.09107
42	+32,627.171	+62,369.005	+1.91157

43	+31,502.588	+67,690.433	+2.14873
44	+30,183.687	+61,596.256	+2.04071
45	+29,272.771	+70,861.287	+2.42072
46	+28,207.837	+61,438.542	+2.17807
47	+26,028.616	+59,737.735	+2.29508
48	+25,050.434	+67,110.897	+2.67903

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	System Operator Balancing Mechanism Costs(£)	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)	ESO Incentive Recovery Costs	Black Start Capital Costs
01	+0.01678	+27,630.00	+14,014.235	+5,919.550	+0.000	+0.000
02	+0.01683	+39,432.95	+14,055.993	+5,919.550	+0.000	+0.000
03	+0.01657	+38,430.79	+13,838.848	+5,236.350	+0.000	+0.000
04	+0.01632	+34,459.37	+13,630.054	+5,236.350	+0.000	+0.000
05	+0.01649	+30,666.49	+13,772.034	+5,280.150	+0.000	+0.000
06	+0.01643	+23,501.31	+13,721.923	+5,280.150	+0.000	+0.000
07	+0.01619	+17,341.94	+13,521.481	+3,862.500	+0.000	+0.000
08	+0.01592	+16,948.64	+13,295.984	+3,862.500	+0.000	+0.000
09	+0.01586	+14,759.39	+13,245.874	+5,460.250	+0.000	+0.000
10	+0.01578	+15,064.90	+13,179.060	+5,460.250	+0.000	+0.000
11	+0.01582	+15,398.45	+13,212.467	+5,440.250	+0.000	+0.000
12	+0.01612	+17,093.29	+13,463.019	+5,440.250	+0.000	+0.000
13	+0.01645	+17,452.88	+13,738.627	+11,599.690	+0.000	+0.000
14	+0.01728	+19,504.49	+14,431.822	+11,599.690	+0.000	+0.000
15	+0.01871	+22,190.81	+15,626.122	+16,481.440	+0.000	+0.000
16	+0.01943	+21,125.74	+16,227.448	+16,481.440	+0.000	+0.000
17	+0.02058	+25,440.56	+17,187.899	+18,094.440	+0.000	+0.000
18	+0.02151	+25,808.17	+17,964.612	+18,094.440	+0.000	+0.000
19	+0.02222	+16,519.87	+18,557.586	+5,379.940	+0.000	+0.000
20	+0.02255	+16,240.50	+18,833.194	+5,379.940	+0.000	+0.000
21	+0.02284	+11,993.01	+19,075.394	+5,379.940	+0.000	+0.000
22	+0.02275	+16,303.18	+19,000.229	+5,379.940	+0.000	+0.000
23	+0.02270	+13,362.74	+18,958.470	+5,379.940	+0.000	+0.000
24	+0.02285	+16,860.90	+19,083.746	+5,379.940	+0.000	+0.000
25	+0.02301	+16,770.82	+19,217.374	+5,379.940	+0.000	+0.000
26	+0.02291	+15,832.14	+19,133.857	+5,379.940	+0.000	+0.000
27	+0.02297	+17,270.92	+19,183.967	+0.000	+0.000	+0.000
28	+0.02297	+14,928.86	+19,183.967	+0.000	+0.000	+0.000
29	+0.02318	+24,352.53	+19,359.354	+0.000	+0.000	+0.000
30	+0.02345	+21,754.59	+19,584.851	+0.000	+0.000	+0.000
31	+0.02377	+15,693.62	+19,852.107	+0.000	+0.000	+0.000
32	+0.02421	+20,089.98	+20,219.584	+0.000	+0.000	+0.000
33	+0.02510	+30,729.95	+20,962.890	+5,379.940	+0.000	+0.000
34	+0.02596	+39,834.22	+21,681.140	+5,379.940	+0.000	+0.000
35	+0.02623	+43,737.49	+21,906.637	+5,379.940	+0.000	+0.000
36	+0.02610	+37,992.60	+21,798.064	+5,379.940	+0.000	+0.000
37	+0.02576	+37,665.40	+21,514.105	+5,379.940	+0.000	+0.000
38	+0.02553	+29,975.88	+21,322.015	+5,379.940	+0.000	+0.000
39	+0.02506	+35,371.00	+20,929.483	+5,379.940	+0.000	+0.000
40	+0.02422	+14,514.36	+20,227.936	+19,779.940	+0.000	+0.000
41	+0.02356	+9,019.19	+19,676.720	+19,779.940	+0.000	+0.000
42	+0.02269	+7,468.44	+18,950.118	+14,400.000	+0.000	+0.000

43	+0.02190	+14,199.98	+18,290.330	+14,400.000	+.000	+.000
44	+0.02099	+9,730.11	+17,530.321	+14,400.000	+.000	+.000
45	+0.02035	+20,137.51	+16,995.809	+14,400.000	+.000	+.000
46	+0.01961	+12,035.63	+16,377.779	+14,400.000	+.000	+.000
47	+0.01810	-3,952.40	+15,116.665	+31,382.500	+.000	+.000
48	+0.01742	+4,634.53	+14,548.746	+31,382.500	+.000	+.000

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

Settlement Period	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)	System Innovation Costs(£)	Prior Year Cost Recovery
01	+0.000	+2,068.767	+0.000	+13,827.912	+0.000	+0.000
02	+0.000	+2,074.932	+0.000	+13,869.116	+0.000	+0.000
03	+0.000	+2,042.877	+0.000	+13,654.857	+0.000	+0.000
04	+0.000	+2,012.055	+0.000	+13,448.839	+0.000	+0.000
05	+0.000	+2,033.014	+0.000	+13,588.931	+0.000	+0.000
06	+0.000	+2,025.616	+0.000	+13,539.487	+0.000	+0.000
07	+0.000	+1,996.027	+0.000	+13,341.710	+0.000	+0.000
08	+0.000	+1,962.740	+0.000	+13,119.211	+0.000	+0.000
09	+0.000	+1,955.342	+0.000	+13,069.767	+0.000	+0.000
10	+0.000	+1,945.479	+0.000	+13,003.841	+0.000	+0.000
11	+0.000	+1,950.411	+0.000	+13,036.804	+0.000	+0.000
12	+0.000	+1,987.397	+0.000	+13,284.025	+0.000	+0.000
13	+0.000	+2,028.082	+0.000	+13,555.969	+0.000	+0.000
14	+0.000	+2,130.411	+0.000	+14,239.948	+0.000	+0.000
15	+0.000	+2,306.712	+0.000	+15,418.369	+0.000	+0.000
16	+0.000	+2,395.479	+0.000	+16,011.700	+0.000	+0.000
17	+0.000	+2,537.260	+0.000	+16,959.382	+0.000	+0.000
18	+0.000	+2,651.918	+0.000	+17,725.768	+0.000	+0.000
19	+0.000	+2,739.452	+0.000	+18,310.859	+0.000	+0.000
20	+0.000	+2,780.137	+0.000	+18,582.802	+0.000	+0.000
21	+0.000	+2,815.890	+0.000	+18,821.783	+0.000	+0.000
22	+0.000	+2,804.795	+0.000	+18,747.616	+0.000	+0.000
23	+0.000	+2,798.630	+0.000	+18,706.413	+0.000	+0.000
24	+0.000	+2,817.123	+0.000	+18,830.023	+0.000	+0.000
25	+0.000	+2,836.849	+0.000	+18,961.875	+0.000	+0.000
26	+0.000	+2,824.521	+0.000	+18,879.468	+0.000	+0.000
27	+0.000	+2,831.918	+0.000	+18,928.912	+0.000	+0.000
28	+0.000	+2,831.918	+0.000	+18,928.912	+0.000	+0.000
29	+0.000	+2,857.808	+0.000	+19,101.967	+0.000	+0.000
30	+0.000	+2,891.096	+0.000	+19,324.466	+0.000	+0.000
31	+0.000	+2,930.548	+0.000	+19,588.169	+0.000	+0.000
32	+0.000	+2,984.795	+0.000	+19,950.760	+0.000	+0.000
33	+0.000	+3,094.521	+0.000	+20,684.183	+0.000	+0.000
34	+0.000	+3,200.548	+0.000	+21,392.884	+0.000	+0.000
35	+0.000	+3,233.836	+0.000	+21,615.383	+0.000	+0.000
36	+0.000	+3,217.808	+0.000	+21,508.254	+0.000	+0.000
37	+0.000	+3,175.890	+0.000	+21,228.070	+0.000	+0.000
38	+0.000	+3,147.534	+0.000	+21,038.534	+0.000	+0.000
39	+0.000	+3,089.589	+0.000	+20,651.220	+0.000	+0.000
40	+0.000	+2,986.027	+0.000	+19,959.001	+0.000	+0.000
41	+0.000	+2,904.658	+0.000	+19,415.114	+0.000	+0.000
42	+0.000	+2,797.397	+0.000	+18,698.172	+0.000	+0.000

43	+.000	+2,700.000	+.000	+18,047.156	+.000	+.000
44	+.000	+2,587.808	+.000	+17,297.251	+.000	+.000
45	+.000	+2,508.904	+.000	+16,769.846	+.000	+.000
46	+.000	+2,417.671	+.000	+16,160.033	+.000	+.000
47	+.000	+2,231.507	+.000	+14,915.686	+.000	+.000
48	+.000	+2,147.671	+.000	+14,355.318	+.000	+.000

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

Settlement Period	EMR Incentive Revenue	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+69.275	+1,342.400	-1,371.091	+0.000	+0.000	+63,501.048
02	+69.481	+1,346.400	-1,375.176	+0.000	+0.000	+75,393.245
03	+68.408	+1,325.600	-1,353.932	+0.000	+0.000	+73,243.798
04	+67.376	+1,305.600	-1,333.504	+0.000	+0.000	+68,826.140
05	+68.078	+1,319.200	-1,347.395	+0.000	+0.000	+65,380.502
06	+67.830	+1,314.400	-1,342.493	+0.000	+0.000	+58,108.224
07	+66.839	+1,295.200	-1,322.882	+0.000	+0.000	+50,102.816
08	+65.724	+1,273.600	-1,300.820	+0.000	+0.000	+49,227.579
09	+65.477	+1,268.800	-1,295.918	+0.000	+0.000	+48,528.982
10	+65.146	+1,262.400	-1,289.381	+0.000	+0.000	+48,691.695
11	+65.312	+1,265.600	-1,292.650	+0.000	+0.000	+49,076.644
12	+66.550	+1,289.600	-1,317.162	+0.000	+0.000	+51,306.969
13	+67.913	+1,316.000	-1,344.127	+0.000	+0.000	+58,415.033
14	+71.339	+1,382.400	-1,411.946	+0.000	+0.000	+61,948.154
15	+77.243	+1,496.800	-1,528.791	+0.000	+0.000	+72,068.705
16	+80.215	+1,554.400	-1,587.622	+0.000	+0.000	+72,288.801
17	+84.963	+1,646.400	-1,681.588	+0.000	+0.000	+80,269.316
18	+88.802	+1,720.800	-1,757.578	+0.000	+0.000	+82,296.932
19	+91.733	+1,777.600	-1,815.592	+0.000	+0.000	+61,561.448
20	+93.096	+1,804.000	-1,842.557	+0.000	+0.000	+61,871.112
21	+94.293	+1,827.200	-1,866.253	+0.000	+0.000	+58,141.258
22	+93.922	+1,820.000	-1,858.899	+0.000	+0.000	+62,290.782
23	+93.715	+1,816.000	-1,854.813	+0.000	+0.000	+59,261.095
24	+94.334	+1,828.000	-1,867.070	+0.000	+0.000	+63,026.997
25	+94.995	+1,840.800	-1,880.143	+0.000	+0.000	+63,222.510
26	+94.582	+1,832.800	-1,871.972	+0.000	+0.000	+62,105.335
27	+94.830	+1,837.600	-1,876.875	+0.000	+0.000	+58,271.272
28	+94.830	+1,837.600	-1,876.875	+0.000	+0.000	+55,929.212
29	+95.697	+1,854.400	-1,894.034	+0.000	+0.000	+65,727.722
30	+96.811	+1,876.000	-1,916.096	+0.000	+0.000	+63,611.719
31	+98.133	+1,901.600	-1,942.243	+0.000	+0.000	+58,121.933
32	+99.949	+1,936.800	-1,978.195	+0.000	+0.000	+63,303.672
33	+103.623	+2,008.000	-2,050.917	+0.000	+0.000	+80,912.190
34	+107.174	+2,076.800	-2,121.187	+0.000	+0.000	+91,551.519
35	+108.288	+2,098.400	-2,143.249	+0.000	+0.000	+95,936.726
36	+107.752	+2,088.000	-2,132.627	+0.000	+0.000	+89,959.792
37	+106.348	+2,060.800	-2,104.845	+0.000	+0.000	+89,025.708
38	+105.399	+2,042.400	-2,086.052	+0.000	+0.000	+80,925.649
39	+103.458	+2,004.800	-2,047.648	+0.000	+0.000	+85,481.842
40	+99.990	+1,937.600	-1,979.012	+0.000	+0.000	+77,525.842
41	+97.266	+1,884.800	-1,925.084	+0.000	+0.000	+70,852.603
42	+93.674	+1,815.200	-1,853.996	+0.000	+0.000	+62,369.005

43	+90.412	+1,752.000	-1,789.445	+.000	+.000	+67,690.433
44	+86.656	+1,679.200	-1,715.089	+.000	+.000	+61,596.256
45	+84.013	+1,628.000	-1,662.795	+.000	+.000	+70,861.287
46	+80.958	+1,568.800	-1,602.330	+.000	+.000	+61,438.542
47	+74.724	+1,448.000	-1,478.948	+.000	+.000	+59,737.735
48	+71.917	+1,393.600	-1,423.385	+.000	+.000	+67,110.897