

Date: 05/12/2019

Settlement Day:27/11/2019

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: 241

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,193,734.940	+395,355,614.130
Balancing Services Contract Cost	+890,066.948	+176,867,874.394
Balancing Services Cost Variable	+97,001.020	+106,657,130.495
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	+29,710,315.014
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+198,601,120.640
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+994,949.220
ESO Incentive Recovery t-1	+80,000.000	+2,800,000.000
ALoMCP Recovery	-81,709.830	-2,859,844.050
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+198,601,120.640
Total External Costs	+2,306,509.169	+717,108,007.053
Total Adjusted Energy Volume (MWh)	+1,530,623.965	

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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	+23,924.042	+72,925.726	+3.04822
02	+24,250.358	+82,866.823	+3.41714
03	+23,852.623	+78,146.183	+3.27621
04	+23,338.922	+72,392.255	+3.10178
05	+23,208.401	+64,876.689	+2.79540
06	+22,859.754	+63,209.005	+2.76508
07	+22,820.492	+66,990.248	+2.93553
08	+22,705.343	+66,382.420	+2.92365
09	+22,981.847	+69,751.742	+3.03508
10	+22,966.964	+66,194.244	+2.88215
11	+23,330.773	+66,230.936	+2.83878
12	+24,392.525	+63,929.987	+2.62088
13	+27,054.966	+71,563.766	+2.64512
14	+30,099.735	+68,849.696	+2.28739
15	+33,447.222	+67,242.587	+2.01041
16	+35,271.184	+60,323.452	+1.71028
17	+35,897.971	+75,475.318	+2.10250
18	+36,075.797	+48,723.879	+1.35060
19	+36,316.073	+49,110.644	+1.35231
20	+36,326.519	+57,758.174	+1.58997
21	+36,003.887	+46,787.307	+1.29951
22	+36,159.270	+47,558.031	+1.31524
23	+36,255.456	+49,307.400	+1.36000
24	+36,327.418	+58,343.134	+1.60604
25	+36,270.610	+63,177.099	+1.74183
26	+36,233.849	+62,095.763	+1.71375
27	+36,217.746	+54,061.705	+1.49269
28	+36,176.377	+53,608.238	+1.48186
29	+36,223.513	+45,857.973	+1.26597
30	+36,230.091	+35,651.353	+0.98403
31	+36,435.933	+30,184.323	+0.82842
32	+37,521.345	+47,682.833	+1.27082
33	+38,822.178	+75,422.810	+1.94278
34	+39,317.494	+79,520.749	+2.02253
35	+39,509.201	+75,851.590	+1.91985
36	+39,588.004	+64,343.742	+1.62533
37	+39,238.013	+66,589.967	+1.69708
38	+38,624.244	+67,973.260	+1.75986
39	+37,705.363	+75,224.344	+1.99506
40	+36,870.397	+63,240.828	+1.71522
41	+35,505.862	+54,287.567	+1.52897
42	+33,877.432	+59,637.973	+1.76040

43	+32,027.222	+83,785.252	+2.61606
44	+29,873.029	+60,164.040	+2.01399
45	+28,145.013	+63,930.516	+2.27147
46	+26,303.174	+68,885.954	+2.61892
47	+24,651.727	+116,797.681	+4.73791
48	+23,388.606	+127,591.410	+5.45528

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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	+0.01563	+49,281.61	+13,911.746	-5,112.650	+0.000	+0.000
02	+0.01584	+58,836.34	+14,098.660	-5,112.650	+0.000	+0.000
03	+0.01558	+52,848.06	+13,867.243	-3,366.650	+0.000	+0.000
04	+0.01525	+47,701.28	+13,573.521	-3,366.650	+0.000	+0.000
05	+0.01516	+40,024.05	+13,493.415	-3,039.400	+0.000	+0.000
06	+0.01493	+38,779.53	+13,288.700	-3,039.400	+0.000	+0.000
07	+0.01491	+42,777.57	+13,270.898	-3,219.400	+0.000	+0.000
08	+0.01483	+42,316.93	+13,199.693	-3,219.400	+0.000	+0.000
09	+0.01501	+45,780.08	+13,359.905	-3,644.400	+0.000	+0.000
10	+0.01500	+42,240.98	+13,351.004	-3,644.400	+0.000	+0.000
11	+0.01524	+41,002.61	+13,564.620	-2,810.900	+0.000	+0.000
12	+0.01594	+37,413.77	+14,187.667	-2,810.900	+0.000	+0.000
13	+0.01768	+33,004.28	+15,736.384	+6,031.040	+0.000	+0.000
14	+0.01967	+26,628.92	+17,507.617	+6,031.040	+0.000	+0.000
15	+0.02185	+21,609.55	+19,447.963	+5,432.440	+0.000	+0.000
16	+0.02304	+12,501.00	+20,507.142	+5,432.440	+0.000	+0.000
17	+0.02345	+26,898.53	+20,872.070	+5,432.440	+0.000	+0.000
18	+0.02357	-73.69	+20,978.878	+5,432.440	+0.000	+0.000
19	+0.02373	+18.70	+21,121.289	+5,432.440	+0.000	+0.000
20	+0.02373	+8,666.23	+21,121.289	+5,432.440	+0.000	+0.000
21	+0.02352	-1,918.27	+20,934.375	+5,432.440	+0.000	+0.000
22	+0.02362	-1,331.53	+21,023.381	+5,432.440	+0.000	+0.000
23	+0.02369	+289.05	+21,085.686	+5,432.440	+0.000	+0.000
24	+0.02373	+9,251.19	+21,121.289	+5,432.440	+0.000	+0.000
25	+0.02370	+14,140.35	+21,094.587	+5,432.440	+0.000	+0.000
26	+0.02367	+13,114.21	+21,067.885	+5,432.440	+0.000	+0.000
27	+0.02366	+10,530.99	+21,058.984	+0.000	+0.000	+0.000
28	+0.02364	+10,114.32	+21,041.183	+0.000	+0.000	+0.000
29	+0.02367	+2,308.86	+21,067.885	+0.000	+0.000	+0.000
30	+0.02367	-7,897.76	+21,067.885	+0.000	+0.000	+0.000
31	+0.02380	-13,603.97	+21,183.593	+0.000	+0.000	+0.000
32	+0.02451	+2,588.25	+21,815.541	+0.000	+0.000	+0.000
33	+0.02536	+23,331.92	+22,572.098	+5,432.440	+0.000	+0.000
34	+0.02569	+26,822.71	+22,865.820	+5,432.440	+0.000	+0.000
35	+0.02581	+22,932.77	+22,972.628	+5,432.440	+0.000	+0.000
36	+0.02586	+11,332.93	+23,017.131	+5,432.440	+0.000	+0.000
37	+0.02564	+13,983.92	+22,821.317	+5,432.440	+0.000	+0.000
38	+0.02523	+16,121.55	+22,456.389	+5,432.440	+0.000	+0.000
39	+0.02463	+24,476.54	+21,922.349	+5,432.440	+0.000	+0.000
40	+0.02409	+13,486.54	+21,441.713	+5,432.440	+0.000	+0.000
41	+0.02320	+6,170.74	+20,649.553	+5,432.440	+0.000	+0.000
42	+0.02213	+18,922.22	+19,697.182	+0.000	+0.000	+0.000

43	+0.02092	+45,295.71	+18,620.201	+.000	+.000	+.000
44	+0.01952	+24,250.28	+17,374.107	+.000	+.000	+.000
45	+0.01839	+30,095.78	+16,368.331	+.000	+.000	+.000
46	+0.01718	+37,277.43	+15,291.350	+.000	+.000	+.000
47	+0.01611	+80,535.54	+14,338.979	+6,622.250	+.000	+.000
48	+0.01528	+92,856.34	+13,600.223	+6,622.250	+.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	+1,926.986	+0.000	+12,880.230	+0.000	+0.000
02	+0.000	+1,952.877	+0.000	+13,053.285	+0.000	+0.000
03	+0.000	+1,920.822	+0.000	+12,839.027	+0.000	+0.000
04	+0.000	+1,880.137	+0.000	+12,567.083	+0.000	+0.000
05	+0.000	+1,869.041	+0.000	+12,492.917	+0.000	+0.000
06	+0.000	+1,840.685	+0.000	+12,303.381	+0.000	+0.000
07	+0.000	+1,838.219	+0.000	+12,286.899	+0.000	+0.000
08	+0.000	+1,828.356	+0.000	+12,220.974	+0.000	+0.000
09	+0.000	+1,850.548	+0.000	+12,369.306	+0.000	+0.000
10	+0.000	+1,849.315	+0.000	+12,361.066	+0.000	+0.000
11	+0.000	+1,878.904	+0.000	+12,558.843	+0.000	+0.000
12	+0.000	+1,965.205	+0.000	+13,135.692	+0.000	+0.000
13	+0.000	+2,179.726	+0.000	+14,569.576	+0.000	+0.000
14	+0.000	+2,425.068	+0.000	+16,209.477	+0.000	+0.000
15	+0.000	+2,693.836	+0.000	+18,005.952	+0.000	+0.000
16	+0.000	+2,840.548	+0.000	+18,986.597	+0.000	+0.000
17	+0.000	+2,891.096	+0.000	+19,324.466	+0.000	+0.000
18	+0.000	+2,905.890	+0.000	+19,423.354	+0.000	+0.000
19	+0.000	+2,925.616	+0.000	+19,555.206	+0.000	+0.000
20	+0.000	+2,925.616	+0.000	+19,555.206	+0.000	+0.000
21	+0.000	+2,899.726	+0.000	+19,382.151	+0.000	+0.000
22	+0.000	+2,912.055	+0.000	+19,464.558	+0.000	+0.000
23	+0.000	+2,920.685	+0.000	+19,522.243	+0.000	+0.000
24	+0.000	+2,925.616	+0.000	+19,555.206	+0.000	+0.000
25	+0.000	+2,921.918	+0.000	+19,530.484	+0.000	+0.000
26	+0.000	+2,918.219	+0.000	+19,505.762	+0.000	+0.000
27	+0.000	+2,916.986	+0.000	+19,497.521	+0.000	+0.000
28	+0.000	+2,914.521	+0.000	+19,481.039	+0.000	+0.000
29	+0.000	+2,918.219	+0.000	+19,505.762	+0.000	+0.000
30	+0.000	+2,918.219	+0.000	+19,505.762	+0.000	+0.000
31	+0.000	+2,934.247	+0.000	+19,612.891	+0.000	+0.000
32	+0.000	+3,021.781	+0.000	+20,197.981	+0.000	+0.000
33	+0.000	+3,126.575	+0.000	+20,898.442	+0.000	+0.000
34	+0.000	+3,167.260	+0.000	+21,170.385	+0.000	+0.000
35	+0.000	+3,182.055	+0.000	+21,269.274	+0.000	+0.000
36	+0.000	+3,188.219	+0.000	+21,310.477	+0.000	+0.000
37	+0.000	+3,161.096	+0.000	+21,129.181	+0.000	+0.000
38	+0.000	+3,110.548	+0.000	+20,791.312	+0.000	+0.000
39	+0.000	+3,036.575	+0.000	+20,296.870	+0.000	+0.000
40	+0.000	+2,970.000	+0.000	+19,851.871	+0.000	+0.000
41	+0.000	+2,860.274	+0.000	+19,118.448	+0.000	+0.000
42	+0.000	+2,728.356	+0.000	+18,236.692	+0.000	+0.000

43	+.000	+2,579.178	+.000	+17,239.566	+.000	+.000
44	+.000	+2,406.575	+.000	+16,085.867	+.000	+.000
45	+.000	+2,267.260	+.000	+15,154.666	+.000	+.000
46	+.000	+2,118.082	+.000	+14,157.540	+.000	+.000
47	+.000	+1,986.164	+.000	+13,275.784	+.000	+.000
48	+.000	+1,883.836	+.000	+12,591.805	+.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	+64.527	+1,250.400	-1,277.125	+0.000	+0.000	+72,925.726
02	+65.394	+1,267.200	-1,294.284	+0.000	+0.000	+82,866.823
03	+64.321	+1,246.400	-1,273.039	+0.000	+0.000	+78,146.183
04	+62.958	+1,220.000	-1,246.075	+0.000	+0.000	+72,392.255
05	+62.587	+1,212.800	-1,238.721	+0.000	+0.000	+64,876.689
06	+61.637	+1,194.400	-1,219.928	+0.000	+0.000	+63,209.005
07	+61.555	+1,192.800	-1,218.294	+0.000	+0.000	+66,990.248
08	+61.224	+1,186.400	-1,211.757	+0.000	+0.000	+66,382.420
09	+61.968	+1,200.800	-1,226.465	+0.000	+0.000	+69,751.742
10	+61.926	+1,200.000	-1,225.647	+0.000	+0.000	+66,194.244
11	+62.917	+1,219.200	-1,245.258	+0.000	+0.000	+66,230.936
12	+65.807	+1,275.200	-1,302.455	+0.000	+0.000	+63,929.987
13	+72.990	+1,414.400	-1,444.630	+0.000	+0.000	+71,563.766
14	+81.206	+1,573.600	-1,607.232	+0.000	+0.000	+68,849.696
15	+90.206	+1,748.000	-1,785.360	+0.000	+0.000	+67,242.587
16	+95.119	+1,843.200	-1,882.594	+0.000	+0.000	+60,323.452
17	+96.811	+1,876.000	-1,916.096	+0.000	+0.000	+75,475.318
18	+97.307	+1,885.600	-1,925.901	+0.000	+0.000	+48,723.879
19	+97.967	+1,898.400	-1,938.974	+0.000	+0.000	+49,110.644
20	+97.967	+1,898.400	-1,938.974	+0.000	+0.000	+57,758.174
21	+97.100	+1,881.600	-1,921.815	+0.000	+0.000	+46,787.307
22	+97.513	+1,889.600	-1,929.986	+0.000	+0.000	+47,558.031
23	+97.802	+1,895.200	-1,935.706	+0.000	+0.000	+49,307.400
24	+97.967	+1,898.400	-1,938.974	+0.000	+0.000	+58,343.134
25	+97.844	+1,896.000	-1,936.523	+0.000	+0.000	+63,177.099
26	+97.720	+1,893.600	-1,934.072	+0.000	+0.000	+62,095.763
27	+97.678	+1,892.800	-1,933.255	+0.000	+0.000	+54,061.705
28	+97.596	+1,891.200	-1,931.620	+0.000	+0.000	+53,608.238
29	+97.720	+1,893.600	-1,934.072	+0.000	+0.000	+45,857.973
30	+97.720	+1,893.600	-1,934.072	+0.000	+0.000	+35,651.353
31	+98.256	+1,904.000	-1,944.694	+0.000	+0.000	+30,184.323
32	+101.188	+1,960.800	-2,002.708	+0.000	+0.000	+47,682.833
33	+104.697	+2,028.800	-2,072.161	+0.000	+0.000	+75,422.810
34	+106.059	+2,055.200	-2,099.126	+0.000	+0.000	+79,520.749
35	+106.555	+2,064.800	-2,108.931	+0.000	+0.000	+75,851.590
36	+106.761	+2,068.800	-2,113.016	+0.000	+0.000	+64,343.742
37	+105.853	+2,051.200	-2,095.040	+0.000	+0.000	+66,589.967
38	+104.160	+2,018.400	-2,061.539	+0.000	+0.000	+67,973.260
39	+101.683	+1,970.400	-2,012.513	+0.000	+0.000	+75,224.344
40	+99.454	+1,927.200	-1,968.390	+0.000	+0.000	+63,240.828
41	+95.779	+1,856.000	-1,895.668	+0.000	+0.000	+54,287.567
42	+91.362	+1,770.400	-1,808.239	+0.000	+0.000	+59,637.973

43	+86.367	+1,673.600	-1,709.370	+.000	+.000	+83,785.252
44	+80.587	+1,561.600	-1,594.976	+.000	+.000	+60,164.040
45	+75.922	+1,471.200	-1,502.644	+.000	+.000	+63,930.516
46	+70.926	+1,374.400	-1,403.775	+.000	+.000	+68,885.954
47	+66.509	+1,288.800	-1,316.345	+.000	+.000	+116,797.681
48	+63.082	+1,222.400	-1,248.526	+.000	+.000	+127,591.410