

Date: 29/11/2019

Settlement Day:21/11/2019

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: 235

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,448,719.690	+387,931,516.180
Balancing Services Contract Cost	+875,222.332	+171,638,303.523
Balancing Services Cost Variable	+2,131,123.560	+104,608,379.275
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	+28,970,588.988
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+193,656,694.400
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+970,178.700
ESO Incentive Recovery t-1	+80,000.000	+2,320,000.000
ALoMCP Recovery	-81,709.830	-2,369,585.070
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+193,656,694.400
Total External Costs	+4,580,771.843	+701,651,349.446
Total Adjusted Energy Volume (MWh)	+1,617,349.992	

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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	+24,718.403	+155,055.114	+6.27286
02	+25,062.386	+153,533.484	+6.12605
03	+25,043.423	+153,148.424	+6.11532
04	+24,799.941	+136,790.544	+5.51576
05	+24,710.637	+132,526.814	+5.36315
06	+24,475.585	+132,208.754	+5.40166
07	+24,232.612	+131,082.645	+5.40935
08	+23,869.874	+140,733.895	+5.89588
09	+23,930.065	+139,950.245	+5.84830
10	+24,190.583	+144,872.395	+5.98879
11	+24,301.215	+169,464.394	+6.97349
12	+25,564.231	+143,690.884	+5.62078
13	+28,253.708	+163,209.404	+5.77657
14	+31,415.928	+135,310.133	+4.30706
15	+35,154.668	+125,549.422	+3.57134
16	+36,973.576	+125,245.372	+3.38743
17	+37,692.968	+112,005.641	+2.97153
18	+37,962.621	+112,025.771	+2.95095
19	+38,542.120	+115,106.601	+2.98651
20	+38,788.901	+107,328.121	+2.76698
21	+38,747.315	+108,531.391	+2.80100
22	+38,700.217	+104,493.931	+2.70009
23	+38,884.257	+100,711.381	+2.59003
24	+38,869.425	+99,533.311	+2.56071
25	+39,036.607	+95,976.141	+2.45862
26	+38,883.457	+98,644.661	+2.53693
27	+38,995.631	+97,587.231	+2.50252
28	+38,730.094	+96,423.311	+2.48962
29	+38,632.353	+101,525.431	+2.62799
30	+38,645.393	+104,707.521	+2.70944
31	+39,141.032	+101,494.331	+2.59304
32	+39,931.987	+119,600.811	+2.99511
33	+40,406.878	+92,972.861	+2.30092
34	+40,743.252	+88,525.991	+2.17278
35	+40,833.191	+92,225.331	+2.25859
36	+40,490.734	+82,315.751	+2.03295
37	+40,141.803	+93,002.461	+2.31685
38	+39,959.655	+84,186.271	+2.10678
39	+39,872.192	+89,002.931	+2.23221
40	+38,880.530	+83,283.221	+2.14203
41	+37,435.678	+91,796.232	+2.45211
42	+35,988.853	+88,119.222	+2.44851

43	+33,926.001	+91,309.572	+2.69143
44	+31,979.282	+85,522.853	+2.67432
45	+30,536.808	+80,568.563	+2.63841
46	+28,697.377	+98,499.383	+3.43235
47	+25,946.592	+89,232.914	+3.43910
48	+24,629.953	+116,230.064	+4.71905

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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	+0.01528	+115,726.62	+13,373.397	+11,442.500	+0.000	+0.000
02	+0.01550	+113,803.49	+13,565.946	+11,442.500	+0.000	+0.000
03	+0.01548	+113,246.43	+13,548.442	+11,651.000	+0.000	+0.000
04	+0.01533	+97,162.30	+13,417.158	+11,651.000	+0.000	+0.000
05	+0.01528	+92,819.82	+13,373.397	+11,821.000	+0.000	+0.000
06	+0.01513	+92,775.51	+13,242.114	+11,821.000	+0.000	+0.000
07	+0.01498	+92,093.15	+13,110.831	+11,651.000	+0.000	+0.000
08	+0.01476	+102,145.90	+12,918.282	+11,651.000	+0.000	+0.000
09	+0.01480	+101,439.25	+12,953.291	+11,501.000	+0.000	+0.000
10	+0.01496	+106,069.40	+13,093.326	+11,501.000	+0.000	+0.000
11	+0.01503	+112,976.65	+13,154.592	+29,058.000	+0.000	+0.000
12	+0.01581	+85,779.64	+13,837.265	+29,058.000	+0.000	+0.000
13	+0.01747	+42,640.72	+15,290.134	+88,685.940	+0.000	+0.000
14	+0.01942	+11,182.70	+16,996.818	+88,685.940	+0.000	+0.000
15	+0.02174	+6,743.58	+19,027.333	+79,130.350	+0.000	+0.000
16	+0.02286	+4,395.53	+20,007.583	+79,130.350	+0.000	+0.000
17	+0.02331	+1,653.51	+20,401.433	+67,811.390	+0.000	+0.000
18	+0.02347	+1,381.64	+20,541.468	+67,811.390	+0.000	+0.000
19	+0.02383	+5,295.57	+20,856.548	+66,321.290	+0.000	+0.000
20	+0.02398	-2,756.66	+20,987.832	+66,321.290	+0.000	+0.000
21	+0.02396	-7,359.61	+20,970.327	+72,164.010	+0.000	+0.000
22	+0.02393	-11,342.32	+20,944.070	+72,164.010	+0.000	+0.000
23	+0.02404	-12,487.39	+21,040.345	+69,325.780	+0.000	+0.000
24	+0.02403	-13,647.21	+21,031.593	+69,325.780	+0.000	+0.000
25	+0.02414	-11,527.74	+21,127.867	+63,448.390	+0.000	+0.000
26	+0.02404	-8,676.72	+21,040.345	+63,448.390	+0.000	+0.000
27	+0.02411	-4,145.45	+21,101.610	+57,731.940	+0.000	+0.000
28	+0.02395	-5,017.37	+20,961.575	+57,731.940	+0.000	+0.000
29	+0.02389	-4,449.16	+20,909.062	+62,375.350	+0.000	+0.000
30	+0.02389	-1,267.07	+20,909.062	+62,375.350	+0.000	+0.000
31	+0.02420	+8,553.59	+21,180.380	+48,775.750	+0.000	+0.000
32	+0.02469	+25,765.82	+21,609.239	+48,775.750	+0.000	+0.000
33	+0.02498	+28,158.91	+21,863.054	+19,225.460	+0.000	+0.000
34	+0.02519	+23,328.79	+22,046.851	+19,225.460	+0.000	+0.000
35	+0.02525	+26,492.15	+22,099.364	+19,651.940	+0.000	+0.000
36	+0.02504	+16,965.82	+21,915.567	+19,651.940	+0.000	+0.000
37	+0.02482	-2,009.47	+21,723.018	+49,715.440	+0.000	+0.000
38	+0.02471	-10,624.91	+21,626.744	+49,715.440	+0.000	+0.000
39	+0.02465	-3,364.25	+21,574.230	+47,380.940	+0.000	+0.000
40	+0.02404	-7,970.71	+21,040.345	+47,380.940	+0.000	+0.000
41	+0.02315	-8,130.67	+20,261.397	+57,678.160	+0.000	+0.000
42	+0.02225	-4,785.24	+19,473.697	+52,298.220	+0.000	+0.000

43	+0.02098	-2,129.68	+18,362.165	+55,150.760	+.000	+.000
44	+0.01977	-5,708.15	+17,303.146	+55,150.760	+.000	+.000
45	+0.01888	-3,904.79	+16,524.198	+50,017.360	+.000	+.000
46	+0.01774	+16,106.53	+15,526.444	+50,017.360	+.000	+.000
47	+0.01604	+53,422.92	+14,038.566	+6,537.000	+.000	+.000
48	+0.01523	+81,898.32	+13,329.636	+6,537.000	+.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	+1,883.836	+0.000	+12,591.805	+0.000	+0.000
02	+0.000	+1,910.959	+0.000	+12,773.101	+0.000	+0.000
03	+0.000	+1,908.493	+0.000	+12,756.620	+0.000	+0.000
04	+0.000	+1,890.000	+0.000	+12,633.009	+0.000	+0.000
05	+0.000	+1,883.836	+0.000	+12,591.805	+0.000	+0.000
06	+0.000	+1,865.342	+0.000	+12,468.195	+0.000	+0.000
07	+0.000	+1,846.849	+0.000	+12,344.584	+0.000	+0.000
08	+0.000	+1,819.726	+0.000	+12,163.289	+0.000	+0.000
09	+0.000	+1,824.658	+0.000	+12,196.251	+0.000	+0.000
10	+0.000	+1,844.384	+0.000	+12,328.103	+0.000	+0.000
11	+0.000	+1,853.014	+0.000	+12,385.788	+0.000	+0.000
12	+0.000	+1,949.178	+0.000	+13,028.563	+0.000	+0.000
13	+0.000	+2,153.836	+0.000	+14,396.521	+0.000	+0.000
14	+0.000	+2,394.247	+0.000	+16,003.460	+0.000	+0.000
15	+0.000	+2,680.274	+0.000	+17,915.304	+0.000	+0.000
16	+0.000	+2,818.356	+0.000	+18,838.264	+0.000	+0.000
17	+0.000	+2,873.836	+0.000	+19,209.096	+0.000	+0.000
18	+0.000	+2,893.562	+0.000	+19,340.947	+0.000	+0.000
19	+0.000	+2,937.945	+0.000	+19,637.613	+0.000	+0.000
20	+0.000	+2,956.438	+0.000	+19,761.224	+0.000	+0.000
21	+0.000	+2,953.973	+0.000	+19,744.742	+0.000	+0.000
22	+0.000	+2,950.274	+0.000	+19,720.020	+0.000	+0.000
23	+0.000	+2,963.836	+0.000	+19,810.668	+0.000	+0.000
24	+0.000	+2,962.603	+0.000	+19,802.427	+0.000	+0.000
25	+0.000	+2,976.164	+0.000	+19,893.075	+0.000	+0.000
26	+0.000	+2,963.836	+0.000	+19,810.668	+0.000	+0.000
27	+0.000	+2,972.466	+0.000	+19,868.353	+0.000	+0.000
28	+0.000	+2,952.740	+0.000	+19,736.501	+0.000	+0.000
29	+0.000	+2,945.342	+0.000	+19,687.057	+0.000	+0.000
30	+0.000	+2,945.342	+0.000	+19,687.057	+0.000	+0.000
31	+0.000	+2,983.562	+0.000	+19,942.519	+0.000	+0.000
32	+0.000	+3,043.973	+0.000	+20,346.314	+0.000	+0.000
33	+0.000	+3,079.726	+0.000	+20,585.295	+0.000	+0.000
34	+0.000	+3,105.616	+0.000	+20,758.349	+0.000	+0.000
35	+0.000	+3,113.014	+0.000	+20,807.794	+0.000	+0.000
36	+0.000	+3,087.123	+0.000	+20,634.739	+0.000	+0.000
37	+0.000	+3,060.000	+0.000	+20,453.443	+0.000	+0.000
38	+0.000	+3,046.438	+0.000	+20,362.795	+0.000	+0.000
39	+0.000	+3,039.041	+0.000	+20,313.351	+0.000	+0.000
40	+0.000	+2,963.836	+0.000	+19,810.668	+0.000	+0.000
41	+0.000	+2,854.110	+0.000	+19,077.245	+0.000	+0.000
42	+0.000	+2,743.151	+0.000	+18,335.581	+0.000	+0.000

43	+.000	+2,586.575	+.000	+17,289.010	+.000	+.000
44	+.000	+2,437.397	+.000	+16,291.884	+.000	+.000
45	+.000	+2,327.671	+.000	+15,558.461	+.000	+.000
46	+.000	+2,187.123	+.000	+14,619.020	+.000	+.000
47	+.000	+1,977.534	+.000	+13,218.099	+.000	+.000
48	+.000	+1,877.671	+.000	+12,550.602	+.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	+63.082	+1,222.400	-1,248.526	+0.000	+0.000	+155,055.114
02	+63.991	+1,240.000	-1,266.502	+0.000	+0.000	+153,533.484
03	+63.908	+1,238.400	-1,264.868	+0.000	+0.000	+153,148.424
04	+63.289	+1,226.400	-1,252.612	+0.000	+0.000	+136,790.544
05	+63.082	+1,222.400	-1,248.526	+0.000	+0.000	+132,526.814
06	+62.463	+1,210.400	-1,236.270	+0.000	+0.000	+132,208.754
07	+61.844	+1,198.400	-1,224.013	+0.000	+0.000	+131,082.645
08	+60.935	+1,180.800	-1,206.037	+0.000	+0.000	+140,733.895
09	+61.101	+1,184.000	-1,209.305	+0.000	+0.000	+139,950.245
10	+61.761	+1,196.800	-1,222.379	+0.000	+0.000	+144,872.395
11	+62.050	+1,202.400	-1,228.099	+0.000	+0.000	+169,464.394
12	+65.270	+1,264.800	-1,291.832	+0.000	+0.000	+143,690.884
13	+72.123	+1,397.600	-1,427.471	+0.000	+0.000	+163,209.404
14	+80.174	+1,553.600	-1,586.805	+0.000	+0.000	+135,310.133
15	+89.752	+1,739.200	-1,776.372	+0.000	+0.000	+125,549.422
16	+94.376	+1,828.800	-1,867.887	+0.000	+0.000	+125,245.372
17	+96.233	+1,864.800	-1,904.656	+0.000	+0.000	+112,005.641
18	+96.894	+1,877.600	-1,917.730	+0.000	+0.000	+112,025.771
19	+98.380	+1,906.400	-1,947.145	+0.000	+0.000	+115,106.601
20	+99.000	+1,918.400	-1,959.402	+0.000	+0.000	+107,328.121
21	+98.917	+1,916.800	-1,957.768	+0.000	+0.000	+108,531.391
22	+98.793	+1,914.400	-1,955.316	+0.000	+0.000	+104,493.931
23	+99.247	+1,923.200	-1,964.304	+0.000	+0.000	+100,711.381
24	+99.206	+1,922.400	-1,963.487	+0.000	+0.000	+99,533.311
25	+99.660	+1,931.200	-1,972.475	+0.000	+0.000	+95,976.141
26	+99.247	+1,923.200	-1,964.304	+0.000	+0.000	+98,644.661
27	+99.536	+1,928.800	-1,970.024	+0.000	+0.000	+97,587.231
28	+98.876	+1,916.000	-1,956.950	+0.000	+0.000	+96,423.311
29	+98.628	+1,911.200	-1,952.048	+0.000	+0.000	+101,525.431
30	+98.628	+1,911.200	-1,952.048	+0.000	+0.000	+104,707.521
31	+99.908	+1,936.000	-1,977.378	+0.000	+0.000	+101,494.331
32	+101.931	+1,975.200	-2,017.416	+0.000	+0.000	+119,600.811
33	+103.128	+1,998.400	-2,041.112	+0.000	+0.000	+92,972.861
34	+103.995	+2,015.200	-2,058.271	+0.000	+0.000	+88,525.991
35	+104.243	+2,020.000	-2,063.173	+0.000	+0.000	+92,225.331
36	+103.376	+2,003.200	-2,046.014	+0.000	+0.000	+82,315.751
37	+102.467	+1,985.600	-2,028.038	+0.000	+0.000	+93,002.461
38	+102.013	+1,976.800	-2,019.050	+0.000	+0.000	+84,186.271
39	+101.766	+1,972.000	-2,014.147	+0.000	+0.000	+89,002.931
40	+99.247	+1,923.200	-1,964.304	+0.000	+0.000	+83,283.221
41	+95.573	+1,852.000	-1,891.583	+0.000	+0.000	+91,796.232
42	+91.857	+1,780.000	-1,818.044	+0.000	+0.000	+88,119.222

43	+86.614	+1,678.400	-1,714.272	+.000	+.000	+91,309.572
44	+81.619	+1,581.600	-1,615.403	+.000	+.000	+85,522.853
45	+77.945	+1,510.400	-1,542.682	+.000	+.000	+80,568.563
46	+73.238	+1,419.200	-1,449.532	+.000	+.000	+98,499.383
47	+66.220	+1,283.200	-1,310.626	+.000	+.000	+89,232.914
48	+62.876	+1,218.400	-1,244.441	+.000	+.000	+116,230.064