

Date: 26/11/2019

Settlement Day:18/11/2019

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: 232

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+979,494.820	+384,902,285.480
Balancing Services Contract Cost	+1,229,716.690	+170,914,835.862
Balancing Services Cost Variable	+329,309.640	+100,274,413.155
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	+28,600,725.975
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+191,184,481.280
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+957,793.440
ESO Incentive Recovery t-1	+80,000.000	+2,080,000.000
ALoMCP Recovery	-81,709.830	-2,124,455.580
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+191,184,481.280
Total External Costs	+2,664,227.411	+693,187,566.182
Total Adjusted Energy Volume (MWh)	+1,633,872.712	

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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	+24,007.412	+71,500.527	+2.97827
02	+24,173.071	+72,707.726	+3.00780
03	+24,479.537	+76,219.330	+3.11359
04	+24,437.048	+76,010.770	+3.11047
05	+24,420.096	+68,642.585	+2.81091
06	+24,267.694	+55,683.926	+2.29457
07	+24,023.862	+52,495.582	+2.18514
08	+23,830.297	+46,193.277	+1.93843
09	+24,163.626	+55,145.326	+2.28216
10	+24,263.826	+54,128.156	+2.23082
11	+25,404.408	+60,863.992	+2.39580
12	+26,658.668	+59,269.612	+2.22328
13	+29,528.497	+53,616.106	+1.81574
14	+32,783.436	+62,198.599	+1.89726
15	+36,419.943	+76,282.041	+2.09451
16	+38,020.252	+80,830.715	+2.12599
17	+38,368.491	+71,527.159	+1.86422
18	+38,343.536	+73,279.314	+1.91113
19	+38,242.948	+74,175.254	+1.93958
20	+37,914.239	+63,030.966	+1.66246
21	+37,620.756	+59,132.607	+1.57181
22	+37,280.480	+50,870.253	+1.36453
23	+37,025.427	+43,040.734	+1.16246
24	+36,922.244	+40,241.194	+1.08989
25	+37,147.984	+50,193.893	+1.35119
26	+36,860.303	+65,684.254	+1.78198
27	+37,005.287	+61,003.519	+1.64851
28	+37,169.008	+57,446.438	+1.54555
29	+37,548.721	+58,495.992	+1.55787
30	+38,224.101	+82,320.324	+2.15362
31	+38,838.123	+79,858.122	+2.05618
32	+39,812.569	+83,773.469	+2.10420
33	+40,565.184	+94,255.736	+2.32356
34	+41,577.287	+97,450.542	+2.34384
35	+41,410.179	+71,928.128	+1.73697
36	+41,340.213	+75,859.438	+1.83500
37	+41,234.752	+119,398.548	+2.89558
38	+40,851.724	+120,167.850	+2.94156
39	+40,714.227	+100,932.430	+2.47905
40	+40,141.751	+118,043.187	+2.94066
41	+39,482.032	+108,637.425	+2.75157
42	+38,236.416	+93,638.309	+2.44893

43	+36,924.778	+118,219.604	+3.20163
44	+34,747.728	+73,494.107	+2.11508
45	+32,984.507	+78,362.434	+2.37573
46	+31,299.920	+67,024.135	+2.14135
47	+29,237.037	+52,540.078	+1.79704
48	+27,919.087	+62,506.532	+2.23885

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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	+0.01469	+34,465.76	+18,064.538	+5,018.000	+0.000	+0.000
02	+0.01479	+35,455.01	+18,187.510	+5,018.000	+0.000	+0.000
03	+0.01498	+38,552.51	+18,421.156	+5,018.000	+0.000	+0.000
04	+0.01496	+38,387.54	+18,396.562	+5,018.000	+0.000	+0.000
05	+0.01495	+31,041.15	+18,384.265	+5,018.000	+0.000	+0.000
06	+0.01485	+18,300.44	+18,261.293	+5,018.000	+0.000	+0.000
07	+0.01470	+15,439.02	+18,076.835	+5,018.000	+0.000	+0.000
08	+0.01459	+9,376.46	+17,941.567	+5,018.000	+0.000	+0.000
09	+0.01479	+17,892.61	+18,187.510	+5,018.000	+0.000	+0.000
10	+0.01485	+16,744.67	+18,261.293	+5,018.000	+0.000	+0.000
11	+0.01555	+21,954.86	+19,122.095	+5,018.000	+0.000	+0.000
12	+0.01632	+19,150.27	+20,068.976	+4,550.000	+0.000	+0.000
13	+0.01807	+4,440.41	+22,220.981	+9,792.240	+0.000	+0.000
14	+0.02006	+8,685.71	+24,668.117	+9,792.240	+0.000	+0.000
15	+0.02229	+4,948.13	+27,410.385	+22,752.990	+0.000	+0.000
16	+0.02327	+7,360.90	+28,615.507	+22,752.990	+0.000	+0.000
17	+0.02348	+15,110.40	+28,873.748	+5,242.240	+0.000	+0.000
18	+0.02347	+16,884.35	+28,861.451	+5,242.240	+0.000	+0.000
19	+0.02341	+17,911.06	+28,787.668	+5,242.240	+0.000	+0.000
20	+0.02321	+7,202.67	+28,541.724	+5,242.240	+0.000	+0.000
21	+0.02303	+3,696.62	+28,320.375	+5,242.240	+0.000	+0.000
22	+0.02282	-4,108.04	+28,062.135	+5,242.240	+0.000	+0.000
23	+0.02266	-11,588.84	+27,865.380	+5,242.240	+0.000	+0.000
24	+0.02260	-14,257.61	+27,791.597	+5,242.240	+0.000	+0.000
25	+0.02274	-4,610.04	+27,963.758	+5,242.240	+0.000	+0.000
26	+0.02256	+11,272.63	+27,742.409	+5,242.240	+0.000	+0.000
27	+0.02265	+11,637.98	+27,853.083	+0.000	+0.000	+0.000
28	+0.02275	+7,862.95	+27,976.055	+0.000	+0.000	+0.000
29	+0.02298	+8,411.22	+28,258.890	+0.000	+0.000	+0.000
30	+0.02339	+31,341.96	+28,763.073	+0.000	+0.000	+0.000
31	+0.02377	+28,051.55	+29,230.366	+0.000	+0.000	+0.000
32	+0.02437	+30,659.20	+29,968.196	+0.000	+0.000	+0.000
33	+0.02483	+25,527.13	+30,533.865	+14,611.770	+0.000	+0.000
34	+0.02545	+27,370.65	+31,296.290	+14,611.770	+0.000	+0.000
35	+0.02534	+11,457.51	+31,161.021	+5,242.240	+0.000	+0.000
36	+0.02530	+15,476.00	+31,111.832	+5,242.240	+0.000	+0.000
37	+0.02524	+25,338.50	+31,038.049	+39,049.620	+0.000	+0.000
38	+0.02500	+26,630.88	+30,742.917	+39,049.620	+0.000	+0.000
39	+0.02492	+41,377.20	+30,644.540	+5,242.240	+0.000	+0.000
40	+0.02457	+59,250.78	+30,214.139	+5,242.240	+0.000	+0.000
41	+0.02416	+50,738.61	+29,709.955	+5,242.240	+0.000	+0.000
42	+0.02340	+42,638.15	+28,775.371	+0.000	+0.000	+0.000

43	+0.02260	+68,963.04	+27,791.597	+ .000	+ .000	+ .000
44	+0.02127	+27,136.27	+26,156.074	+ .000	+ .000	+ .000
45	+0.02019	+29,836.45	+24,827.980	+4,522.000	+ .000	+ .000
46	+0.01916	+20,743.03	+23,561.372	+4,522.000	+ .000	+ .000
47	+0.01789	+8,813.53	+21,999.632	+4,735.400	+ .000	+ .000
48	+0.01709	+20,523.58	+21,015.858	+4,735.400	+ .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	+1,811.096	+0.000	+12,105.604	+0.000	+0.000
02	+0.000	+1,823.425	+0.000	+12,188.011	+0.000	+0.000
03	+0.000	+1,846.849	+0.000	+12,344.584	+0.000	+0.000
04	+0.000	+1,844.384	+0.000	+12,328.103	+0.000	+0.000
05	+0.000	+1,843.151	+0.000	+12,319.862	+0.000	+0.000
06	+0.000	+1,830.822	+0.000	+12,237.455	+0.000	+0.000
07	+0.000	+1,812.329	+0.000	+12,113.844	+0.000	+0.000
08	+0.000	+1,798.767	+0.000	+12,023.196	+0.000	+0.000
09	+0.000	+1,823.425	+0.000	+12,188.011	+0.000	+0.000
10	+0.000	+1,830.822	+0.000	+12,237.455	+0.000	+0.000
11	+0.000	+1,917.123	+0.000	+12,814.305	+0.000	+0.000
12	+0.000	+2,012.055	+0.000	+13,448.839	+0.000	+0.000
13	+0.000	+2,227.808	+0.000	+14,890.964	+0.000	+0.000
14	+0.000	+2,473.151	+0.000	+16,530.865	+0.000	+0.000
15	+0.000	+2,748.082	+0.000	+18,368.543	+0.000	+0.000
16	+0.000	+2,868.904	+0.000	+19,176.133	+0.000	+0.000
17	+0.000	+2,894.795	+0.000	+19,349.188	+0.000	+0.000
18	+0.000	+2,893.562	+0.000	+19,340.947	+0.000	+0.000
19	+0.000	+2,886.164	+0.000	+19,291.503	+0.000	+0.000
20	+0.000	+2,861.507	+0.000	+19,126.689	+0.000	+0.000
21	+0.000	+2,839.315	+0.000	+18,978.356	+0.000	+0.000
22	+0.000	+2,813.425	+0.000	+18,805.301	+0.000	+0.000
23	+0.000	+2,793.699	+0.000	+18,673.450	+0.000	+0.000
24	+0.000	+2,786.301	+0.000	+18,624.006	+0.000	+0.000
25	+0.000	+2,803.562	+0.000	+18,739.375	+0.000	+0.000
26	+0.000	+2,781.370	+0.000	+18,591.043	+0.000	+0.000
27	+0.000	+2,792.466	+0.000	+18,665.209	+0.000	+0.000
28	+0.000	+2,804.795	+0.000	+18,747.616	+0.000	+0.000
29	+0.000	+2,833.151	+0.000	+18,937.152	+0.000	+0.000
30	+0.000	+2,883.699	+0.000	+19,275.022	+0.000	+0.000
31	+0.000	+2,930.548	+0.000	+19,588.169	+0.000	+0.000
32	+0.000	+3,004.521	+0.000	+20,082.611	+0.000	+0.000
33	+0.000	+3,061.233	+0.000	+20,461.684	+0.000	+0.000
34	+0.000	+3,137.671	+0.000	+20,972.608	+0.000	+0.000
35	+0.000	+3,124.110	+0.000	+20,881.960	+0.000	+0.000
36	+0.000	+3,119.178	+0.000	+20,848.997	+0.000	+0.000
37	+0.000	+3,111.781	+0.000	+20,799.553	+0.000	+0.000
38	+0.000	+3,082.192	+0.000	+20,601.776	+0.000	+0.000
39	+0.000	+3,072.329	+0.000	+20,535.850	+0.000	+0.000
40	+0.000	+3,029.178	+0.000	+20,247.425	+0.000	+0.000
41	+0.000	+2,978.630	+0.000	+19,909.556	+0.000	+0.000
42	+0.000	+2,884.932	+0.000	+19,283.262	+0.000	+0.000

43	+.000	+2,786.301	+.000	+18,624.006	+.000	+.000
44	+.000	+2,622.329	+.000	+17,527.991	+.000	+.000
45	+.000	+2,489.178	+.000	+16,637.994	+.000	+.000
46	+.000	+2,362.192	+.000	+15,789.201	+.000	+.000
47	+.000	+2,205.616	+.000	+14,742.631	+.000	+.000
48	+.000	+2,106.986	+.000	+14,083.374	+.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	+60.646	+1,175.200	-1,200.317	+0.000	+0.000	+71,500.527
02	+61.059	+1,183.200	-1,208.488	+0.000	+0.000	+72,707.726
03	+61.844	+1,198.400	-1,224.013	+0.000	+0.000	+76,219.330
04	+61.761	+1,196.800	-1,222.379	+0.000	+0.000	+76,010.770
05	+61.720	+1,196.000	-1,221.562	+0.000	+0.000	+68,642.585
06	+61.307	+1,188.000	-1,213.391	+0.000	+0.000	+55,683.926
07	+60.688	+1,176.000	-1,201.135	+0.000	+0.000	+52,495.582
08	+60.234	+1,167.200	-1,192.146	+0.000	+0.000	+46,193.277
09	+61.059	+1,183.200	-1,208.488	+0.000	+0.000	+55,145.326
10	+61.307	+1,188.000	-1,213.391	+0.000	+0.000	+54,128.156
11	+64.197	+1,244.000	-1,270.588	+0.000	+0.000	+60,863.992
12	+67.376	+1,305.600	-1,333.504	+0.000	+0.000	+59,269.612
13	+74.601	+1,445.600	-1,476.497	+0.000	+0.000	+53,616.106
14	+82.816	+1,604.800	-1,639.099	+0.000	+0.000	+62,198.599
15	+92.022	+1,783.200	-1,821.312	+0.000	+0.000	+76,282.041
16	+96.068	+1,861.600	-1,901.388	+0.000	+0.000	+80,830.715
17	+96.935	+1,878.400	-1,918.547	+0.000	+0.000	+71,527.159
18	+96.894	+1,877.600	-1,917.730	+0.000	+0.000	+73,279.314
19	+96.646	+1,872.800	-1,912.827	+0.000	+0.000	+74,175.254
20	+95.821	+1,856.800	-1,896.485	+0.000	+0.000	+63,030.966
21	+95.078	+1,842.400	-1,881.777	+0.000	+0.000	+59,132.607
22	+94.211	+1,825.600	-1,864.618	+0.000	+0.000	+50,870.253
23	+93.550	+1,812.800	-1,851.545	+0.000	+0.000	+43,040.734
24	+93.302	+1,808.000	-1,846.642	+0.000	+0.000	+40,241.194
25	+93.880	+1,819.200	-1,858.082	+0.000	+0.000	+50,193.893
26	+93.137	+1,804.800	-1,843.374	+0.000	+0.000	+65,684.254
27	+93.509	+1,812.000	-1,850.728	+0.000	+0.000	+61,003.519
28	+93.922	+1,820.000	-1,858.899	+0.000	+0.000	+57,446.438
29	+94.871	+1,838.400	-1,877.692	+0.000	+0.000	+58,495.992
30	+96.564	+1,871.200	-1,911.193	+0.000	+0.000	+82,320.324
31	+98.133	+1,901.600	-1,942.243	+0.000	+0.000	+79,858.122
32	+100.610	+1,949.600	-1,991.269	+0.000	+0.000	+83,773.469
33	+102.509	+1,986.400	-2,028.855	+0.000	+0.000	+94,255.736
34	+105.068	+2,036.000	-2,079.515	+0.000	+0.000	+97,450.542
35	+104.614	+2,027.200	-2,070.527	+0.000	+0.000	+71,928.128
36	+104.449	+2,024.000	-2,067.259	+0.000	+0.000	+75,859.438
37	+104.201	+2,019.200	-2,062.356	+0.000	+0.000	+119,398.548
38	+103.211	+2,000.000	-2,042.746	+0.000	+0.000	+120,167.850
39	+102.880	+1,993.600	-2,036.209	+0.000	+0.000	+100,932.430
40	+101.435	+1,965.600	-2,007.611	+0.000	+0.000	+118,043.187
41	+99.743	+1,932.800	-1,974.109	+0.000	+0.000	+108,637.425
42	+96.605	+1,872.000	-1,912.010	+0.000	+0.000	+93,638.309

43	+93.302	+1,808.000	-1,846.642	+.000	+.000	+118,219.604
44	+87.811	+1,701.600	-1,737.968	+.000	+.000	+73,494.107
45	+83.353	+1,615.200	-1,649.721	+.000	+.000	+78,362.434
46	+79.101	+1,532.800	-1,565.560	+.000	+.000	+67,024.135
47	+73.857	+1,431.200	-1,461.789	+.000	+.000	+52,540.078
48	+70.555	+1,367.200	-1,396.421	+.000	+.000	+62,506.532