

Date: 29/10/2019

Settlement Day:05/10/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 188

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,968,476.380	+283,947,147.430
Balancing Services Contract Cost	+1,055,514.605	+169,312,857.663
Balancing Services Cost Variable	+539,796.730	+73,949,032.075
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,901.366	+21,664,036.096
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+154,925,355.520
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+776,142.960
Placeholder Column2 30 Charact	+0.000	+0.000
Placeholder Column3 30 Charact	+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	+154,925,355.520
Total External Costs	+3,691,817.501	+556,649,216.224
Total Adjusted Energy Volume (MWh)	+1,178,068.638	

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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	+21,241.251	+102,708.296	+4.83532
02	+20,601.215	+90,808.974	+4.40794
03	+20,611.343	+91,153.940	+4.42251
04	+20,452.773	+99,909.444	+4.88488
05	+20,502.463	+90,295.979	+4.40415
06	+20,273.696	+94,309.312	+4.65181
07	+20,193.267	+117,702.738	+5.82881
08	+20,167.565	+126,013.716	+6.24834
09	+20,431.092	+178,213.982	+8.72269
10	+20,430.789	+167,600.832	+8.20335
11	+20,593.753	+146,480.778	+7.11287
12	+20,915.495	+137,643.474	+6.58093
13	+21,290.488	+101,616.591	+4.77286
14	+22,373.325	+99,887.027	+4.46456
15	+23,048.340	+80,489.628	+3.49221
16	+24,134.401	+87,768.890	+3.63667
17	+25,432.585	+86,579.147	+3.40426
18	+26,206.524	+94,964.943	+3.62371
19	+26,592.877	+92,365.020	+3.47330
20	+26,676.716	+86,386.173	+3.23826
21	+26,731.912	+87,487.764	+3.27278
22	+26,571.159	+76,579.048	+2.88204
23	+26,459.506	+82,917.063	+3.13373
24	+26,284.922	+68,015.840	+2.58764
25	+26,101.038	+67,482.398	+2.58543
26	+25,695.157	+57,968.403	+2.25600
27	+25,419.201	+55,513.541	+2.18392
28	+25,231.636	+53,574.533	+2.12331
29	+25,008.724	+48,861.736	+1.95379
30	+25,169.319	+47,885.746	+1.90254
31	+25,578.958	+58,138.601	+2.27291
32	+25,931.558	+68,928.286	+2.65809
33	+26,245.666	+71,317.262	+2.71730
34	+27,117.293	+77,081.167	+2.84251
35	+28,506.482	+89,235.553	+3.13036
36	+29,094.915	+93,870.091	+3.22634
37	+29,541.704	+90,051.145	+3.04827
38	+29,946.913	+106,204.054	+3.54641
39	+29,220.155	+103,779.053	+3.55163
40	+28,752.010	+87,629.393	+3.04777
41	+28,050.176	+71,882.133	+2.56263
42	+27,019.657	+62,933.508	+2.32917

43	+26,204.525	+77,718.757	+2.96585
44	+24,972.568	+69,687.907	+2.79058
45	+24,226.476	+102,007.623	+4.21058
46	+23,103.776	+117,686.929	+5.09384
47	+22,390.001	+182,777.289	+8.16334
48	+21,323.273	+165,754.759	+7.77342

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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	+0.01803	+39,253.49	+19,030.928	+27,257.500	+0.000	+0.000
02	+0.01749	+28,438.28	+18,460.950	+27,257.500	+0.000	+0.000
03	+0.01750	+27,883.67	+18,471.506	+28,137.000	+0.000	+0.000
04	+0.01736	+36,920.24	+18,323.734	+28,137.000	+0.000	+0.000
05	+0.01740	+30,331.60	+18,365.954	+25,031.870	+0.000	+0.000
06	+0.01721	+34,726.38	+18,165.406	+25,031.870	+0.000	+0.000
07	+0.01714	+62,427.21	+18,091.520	+20,865.000	+0.000	+0.000
08	+0.01712	+70,778.34	+18,070.410	+20,865.000	+0.000	+0.000
09	+0.01734	+86,826.18	+18,302.623	+56,575.750	+0.000	+0.000
10	+0.01734	+76,213.03	+18,302.623	+56,575.750	+0.000	+0.000
11	+0.01748	+54,756.91	+18,450.395	+56,630.750	+0.000	+0.000
12	+0.01775	+45,377.55	+18,735.384	+56,630.750	+0.000	+0.000
13	+0.01807	+42,486.99	+19,073.149	+22,851.990	+0.000	+0.000
14	+0.01899	+38,910.42	+20,044.222	+22,851.990	+0.000	+0.000
15	+0.01956	+39,421.48	+20,645.866	+1,799.190	+0.000	+0.000
16	+0.02049	+44,833.66	+21,627.494	+1,799.190	+0.000	+0.000
17	+0.02159	+44,410.44	+22,788.560	-1,175.710	+0.000	+0.000
18	+0.02225	+51,471.21	+23,485.200	-1,175.710	+0.000	+0.000
19	+0.02257	+44,788.05	+23,822.965	+2,265.090	+0.000	+0.000
20	+0.02264	+38,668.67	+23,896.851	+2,265.090	+0.000	+0.000
21	+0.02269	+39,549.83	+23,949.626	+2,385.140	+0.000	+0.000
22	+0.02255	+28,922.18	+23,801.854	+2,385.140	+0.000	+0.000
23	+0.02246	+34,521.38	+23,706.858	+3,304.640	+0.000	+0.000
24	+0.02231	+19,921.30	+23,548.531	+3,304.640	+0.000	+0.000
25	+0.02216	+21,853.75	+23,390.204	+1,139.890	+0.000	+0.000
26	+0.02181	+13,042.42	+23,020.774	+1,139.890	+0.000	+0.000
27	+0.02158	+16,094.20	+22,778.005	-3,905.000	+0.000	+0.000
28	+0.02142	+14,476.41	+22,609.123	-3,905.000	+0.000	+0.000
29	+0.02123	+8,772.56	+22,408.575	-2,532.500	+0.000	+0.000
30	+0.02136	+7,535.58	+22,545.792	-2,532.500	+0.000	+0.000
31	+0.02171	+18,769.27	+22,915.222	-4,216.000	+0.000	+0.000
32	+0.02201	+28,956.67	+23,231.876	-4,216.000	+0.000	+0.000
33	+0.02228	+26,295.09	+23,516.865	+292.500	+0.000	+0.000
34	+0.02302	+30,573.36	+24,297.946	+292.500	+0.000	+0.000
35	+0.02420	+35,137.37	+25,543.453	+5,513.890	+0.000	+0.000
36	+0.02470	+38,768.10	+26,071.211	+5,513.890	+0.000	+0.000
37	+0.02508	+34,186.26	+26,472.306	+5,513.890	+0.000	+0.000
38	+0.02542	+49,656.58	+26,831.181	+5,513.890	+0.000	+0.000
39	+0.02480	+48,476.30	+26,176.762	+5,513.890	+0.000	+0.000
40	+0.02441	+33,109.61	+25,765.112	+5,513.890	+0.000	+0.000
41	+0.02381	+20,330.42	+25,131.803	+3,750.390	+0.000	+0.000
42	+0.02294	+18,349.81	+24,213.505	-1,471.000	+0.000	+0.000

43	+0.02224	+37,729.39	+23,474.645	-4,660.000	+.000	+.000
44	+0.02120	+31,786.46	+22,376.910	-4,660.000	+.000	+.000
45	+0.02056	+68,521.55	+21,701.380	-7,790.500	+.000	+.000
46	+0.01961	+86,108.09	+20,698.641	-7,790.500	+.000	+.000
47	+0.01901	+116,652.12	+20,065.333	+27,960.400	+.000	+.000
48	+0.01810	+101,456.52	+19,104.814	+27,960.400	+.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	+2,233.942	+0.000	+14,858.001	+0.000	+0.000
02	+0.000	+2,167.035	+0.000	+14,413.002	+0.000	+0.000
03	+0.000	+2,168.274	+0.000	+14,421.243	+0.000	+0.000
04	+0.000	+2,150.928	+0.000	+14,305.873	+0.000	+0.000
05	+0.000	+2,155.884	+0.000	+14,338.836	+0.000	+0.000
06	+0.000	+2,132.343	+0.000	+14,182.263	+0.000	+0.000
07	+0.000	+2,123.669	+0.000	+14,124.578	+0.000	+0.000
08	+0.000	+2,121.191	+0.000	+14,108.096	+0.000	+0.000
09	+0.000	+2,148.450	+0.000	+14,289.392	+0.000	+0.000
10	+0.000	+2,148.450	+0.000	+14,289.392	+0.000	+0.000
11	+0.000	+2,165.796	+0.000	+14,404.762	+0.000	+0.000
12	+0.000	+2,199.249	+0.000	+14,627.261	+0.000	+0.000
13	+0.000	+2,238.898	+0.000	+14,890.964	+0.000	+0.000
14	+0.000	+2,352.887	+0.000	+15,649.109	+0.000	+0.000
15	+0.000	+2,423.511	+0.000	+16,118.830	+0.000	+0.000
16	+0.000	+2,538.739	+0.000	+16,885.216	+0.000	+0.000
17	+0.000	+2,675.030	+0.000	+17,791.694	+0.000	+0.000
18	+0.000	+2,756.805	+0.000	+18,335.581	+0.000	+0.000
19	+0.000	+2,796.454	+0.000	+18,599.283	+0.000	+0.000
20	+0.000	+2,805.127	+0.000	+18,656.968	+0.000	+0.000
21	+0.000	+2,811.322	+0.000	+18,698.172	+0.000	+0.000
22	+0.000	+2,793.976	+0.000	+18,582.802	+0.000	+0.000
23	+0.000	+2,782.825	+0.000	+18,508.636	+0.000	+0.000
24	+0.000	+2,764.239	+0.000	+18,385.025	+0.000	+0.000
25	+0.000	+2,745.654	+0.000	+18,261.414	+0.000	+0.000
26	+0.000	+2,702.289	+0.000	+17,972.989	+0.000	+0.000
27	+0.000	+2,673.791	+0.000	+17,783.453	+0.000	+0.000
28	+0.000	+2,653.967	+0.000	+17,651.602	+0.000	+0.000
29	+0.000	+2,630.426	+0.000	+17,495.028	+0.000	+0.000
30	+0.000	+2,646.533	+0.000	+17,602.157	+0.000	+0.000
31	+0.000	+2,689.899	+0.000	+17,890.582	+0.000	+0.000
32	+0.000	+2,727.069	+0.000	+18,137.804	+0.000	+0.000
33	+0.000	+2,760.522	+0.000	+18,360.303	+0.000	+0.000
34	+0.000	+2,852.209	+0.000	+18,970.115	+0.000	+0.000
35	+0.000	+2,998.413	+0.000	+19,942.519	+0.000	+0.000
36	+0.000	+3,060.364	+0.000	+20,354.555	+0.000	+0.000
37	+0.000	+3,107.446	+0.000	+20,667.702	+0.000	+0.000
38	+0.000	+3,149.573	+0.000	+20,947.886	+0.000	+0.000
39	+0.000	+3,072.754	+0.000	+20,436.962	+0.000	+0.000
40	+0.000	+3,024.432	+0.000	+20,115.574	+0.000	+0.000
41	+0.000	+2,950.092	+0.000	+19,621.131	+0.000	+0.000
42	+0.000	+2,842.297	+0.000	+18,904.190	+0.000	+0.000

43	+.000	+2,755.566	+.000	+18,327.340	+.000	+.000
44	+.000	+2,626.709	+.000	+17,470.306	+.000	+.000
45	+.000	+2,547.412	+.000	+16,942.901	+.000	+.000
46	+.000	+2,429.706	+.000	+16,160.033	+.000	+.000
47	+.000	+2,355.365	+.000	+15,665.590	+.000	+.000
48	+.000	+2,242.615	+.000	+14,915.686	+.000	+.000

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

Settlement Period	EMR Incentive Revenue	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+74.435	+0.000	+0.000	+0.000	+0.000	+102,708.296
02	+72.206	+0.000	+0.000	+0.000	+0.000	+90,808.974
03	+72.247	+0.000	+0.000	+0.000	+0.000	+91,153.940
04	+71.669	+0.000	+0.000	+0.000	+0.000	+99,909.444
05	+71.835	+0.000	+0.000	+0.000	+0.000	+90,295.979
06	+71.050	+0.000	+0.000	+0.000	+0.000	+94,309.312
07	+70.761	+0.000	+0.000	+0.000	+0.000	+117,702.738
08	+70.679	+0.000	+0.000	+0.000	+0.000	+126,013.716
09	+71.587	+0.000	+0.000	+0.000	+0.000	+178,213.982
10	+71.587	+0.000	+0.000	+0.000	+0.000	+167,600.832
11	+72.165	+0.000	+0.000	+0.000	+0.000	+146,480.778
12	+73.279	+0.000	+0.000	+0.000	+0.000	+137,643.474
13	+74.601	+0.000	+0.000	+0.000	+0.000	+101,616.591
14	+78.399	+0.000	+0.000	+0.000	+0.000	+99,887.027
15	+80.752	+0.000	+0.000	+0.000	+0.000	+80,489.628
16	+84.591	+0.000	+0.000	+0.000	+0.000	+87,768.890
17	+89.133	+0.000	+0.000	+0.000	+0.000	+86,579.147
18	+91.857	+0.000	+0.000	+0.000	+0.000	+94,964.943
19	+93.178	+0.000	+0.000	+0.000	+0.000	+92,365.020
20	+93.467	+0.000	+0.000	+0.000	+0.000	+86,386.173
21	+93.674	+0.000	+0.000	+0.000	+0.000	+87,487.764
22	+93.096	+0.000	+0.000	+0.000	+0.000	+76,579.048
23	+92.724	+0.000	+0.000	+0.000	+0.000	+82,917.063
24	+92.105	+0.000	+0.000	+0.000	+0.000	+68,015.840
25	+91.486	+0.000	+0.000	+0.000	+0.000	+67,482.398
26	+90.041	+0.000	+0.000	+0.000	+0.000	+57,968.403
27	+89.091	+0.000	+0.000	+0.000	+0.000	+55,513.541
28	+88.431	+0.000	+0.000	+0.000	+0.000	+53,574.533
29	+87.646	+0.000	+0.000	+0.000	+0.000	+48,861.736
30	+88.183	+0.000	+0.000	+0.000	+0.000	+47,885.746
31	+89.628	+0.000	+0.000	+0.000	+0.000	+58,138.601
32	+90.867	+0.000	+0.000	+0.000	+0.000	+68,928.286
33	+91.981	+0.000	+0.000	+0.000	+0.000	+71,317.262
34	+95.036	+0.000	+0.000	+0.000	+0.000	+77,081.167
35	+99.908	+0.000	+0.000	+0.000	+0.000	+89,235.553
36	+101.972	+0.000	+0.000	+0.000	+0.000	+93,870.091
37	+103.541	+0.000	+0.000	+0.000	+0.000	+90,051.145
38	+104.944	+0.000	+0.000	+0.000	+0.000	+106,204.054
39	+102.385	+0.000	+0.000	+0.000	+0.000	+103,779.053
40	+100.775	+0.000	+0.000	+0.000	+0.000	+87,629.393
41	+98.298	+0.000	+0.000	+0.000	+0.000	+71,882.133
42	+94.706	+0.000	+0.000	+0.000	+0.000	+62,933.508



43	+91.816	+.000	+.000	+.000	+.000	+77,718.757
44	+87.523	+.000	+.000	+.000	+.000	+69,687.907
45	+84.880	+.000	+.000	+.000	+.000	+102,007.623
46	+80.958	+.000	+.000	+.000	+.000	+117,686.929
47	+78.481	+.000	+.000	+.000	+.000	+182,777.289
48	+74.724	+.000	+.000	+.000	+.000	+165,754.759