

Date: 12/09/2019

Settlement Day:19/08/2019

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: 141

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,245,343.040	+187,292,334.310
Balancing Services Contract Cost	+932,016.952	+121,732,536.278
Balancing Services Cost Variable	+645,888.600	+43,366,827.045
ESO Incentive Recovery Costs	+40,983.610	+5,778,689.010
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+129,463.427	+16,001,795.808
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+116,194,016.640
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+582,107.220
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	+116,194,016.640
Total External Costs	+2,997,824.049	+374,754,289.671
Total Adjusted Energy Volume (MWh)	+1,081,921.990	

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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	+18,400.423	+107,847.725	+5.86115
02	+18,287.394	+109,654.912	+5.99620
03	+18,172.034	+120,803.216	+6.64775
04	+18,007.755	+117,575.710	+6.52917
05	+18,109.360	+120,892.746	+6.67571
06	+18,274.194	+121,629.596	+6.65581
07	+18,280.106	+127,561.472	+6.97816
08	+18,383.402	+126,460.222	+6.87904
09	+18,278.759	+117,230.906	+6.41350
10	+18,357.336	+118,492.869	+6.45480
11	+18,204.490	+113,917.746	+6.25767
12	+18,673.490	+116,724.331	+6.25080
13	+19,736.406	+113,527.931	+5.75221
14	+21,300.599	+121,217.813	+5.69082
15	+22,324.337	+81,441.187	+3.64809
16	+23,522.622	+86,458.213	+3.67553
17	+24,599.459	+78,542.297	+3.19285
18	+24,626.544	+80,179.680	+3.25582
19	+24,699.932	+81,179.377	+3.28662
20	+24,620.133	+76,274.510	+3.09805
21	+24,288.762	+62,408.054	+2.56942
22	+24,030.133	+53,570.985	+2.22933
23	+23,822.235	+53,093.419	+2.22873
24	+23,400.236	+61,531.110	+2.62951
25	+23,134.194	+68,264.595	+2.95081
26	+23,156.273	+62,242.578	+2.68794
27	+23,027.968	+49,862.748	+2.16531
28	+22,940.418	+49,751.725	+2.16874
29	+22,870.918	+53,357.835	+2.33300
30	+22,736.110	+51,870.949	+2.28143
31	+22,992.950	+56,767.038	+2.46889
32	+23,096.910	+46,166.535	+1.99882
33	+23,248.893	+41,013.618	+1.76411
34	+24,201.460	+44,854.911	+1.85340
35	+25,370.242	+45,664.228	+1.79991
36	+25,873.934	+50,218.623	+1.94090
37	+26,550.381	+63,328.021	+2.38520
38	+26,726.422	+78,731.307	+2.94582
39	+26,700.001	+76,432.964	+2.86266
40	+26,522.856	+76,095.331	+2.86905
41	+26,440.570	+78,670.415	+2.97537
42	+26,598.967	+70,504.778	+2.65066

43	+26,342.990	+64,450.205	+2.44658
44	+25,328.170	+47,926.631	+1.89223
45	+24,387.090	+52,810.624	+2.16552
46	+22,675.736	+56,617.976	+2.49685
47	+20,890.150	+78,773.391	+3.77084
48	+19,708.246	+89,282.728	+4.53022

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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	+0.01701	+38,237.02	+15,853.608	+36,770.120	+697.131	+0.000
02	+0.01690	+40,256.58	+15,751.086	+36,770.120	+692.623	+0.000
03	+0.01680	+40,344.32	+15,657.885	+48,023.750	+688.525	+0.000
04	+0.01664	+37,425.72	+15,508.762	+48,023.750	+681.967	+0.000
05	+0.01674	+38,472.75	+15,601.964	+50,100.690	+686.066	+0.000
06	+0.01689	+38,920.00	+15,741.766	+50,100.690	+692.213	+0.000
07	+0.01690	+42,836.46	+15,751.086	+52,096.800	+692.623	+0.000
08	+0.01699	+41,561.45	+15,834.968	+52,096.800	+696.312	+0.000
09	+0.01689	+36,387.11	+15,741.766	+48,234.890	+692.213	+0.000
10	+0.01697	+37,494.62	+15,816.328	+48,234.890	+695.492	+0.000
11	+0.01683	+37,223.77	+15,685.845	+44,200.910	+689.754	+0.000
12	+0.01726	+39,200.17	+16,086.613	+44,200.910	+707.377	+0.000
13	+0.01824	+39,881.79	+16,999.989	+38,430.840	+747.541	+0.000
14	+0.01969	+39,723.55	+18,351.414	+43,479.500	+806.967	+0.000
15	+0.02063	+16,061.85	+19,227.510	+25,549.750	+845.492	+0.000
16	+0.02174	+18,935.84	+20,262.049	+25,549.750	+890.984	+0.000
17	+0.02274	+38,951.53	+21,194.065	-4,312.520	+931.967	+0.000
18	+0.02276	+40,550.30	+21,212.706	-4,312.520	+932.787	+0.000
19	+0.02283	+40,528.38	+21,277.947	-3,426.050	+935.656	+0.000
20	+0.02276	+35,758.66	+21,212.706	-3,426.050	+932.787	+0.000
21	+0.02245	+22,819.28	+20,923.781	-3,754.620	+920.082	+0.000
22	+0.02221	+14,445.57	+20,700.097	-3,754.620	+910.246	+0.000
23	+0.02202	+12,682.71	+20,523.013	-2,102.500	+902.459	+0.000
24	+0.02163	+21,873.36	+20,159.527	-2,102.500	+886.475	+0.000
25	+0.02138	+28,555.90	+19,926.522	-1,568.890	+876.230	+0.000
26	+0.02140	+22,495.27	+19,945.163	-1,568.890	+877.049	+0.000
27	+0.02128	+15,746.94	+19,833.321	-6,968.710	+872.131	+0.000
28	+0.02120	+15,790.37	+19,758.759	-6,968.710	+868.853	+0.000
29	+0.02114	+19,212.08	+19,702.838	-6,668.470	+866.394	+0.000
30	+0.02101	+17,976.18	+19,581.676	-6,668.470	+861.066	+0.000
31	+0.02125	+20,263.61	+19,805.360	-4,523.170	+870.902	+0.000
32	+0.02135	+9,470.04	+19,898.562	-4,523.170	+875.000	+0.000
33	+0.02149	-2,032.05	+20,029.044	+1,555.710	+880.738	+0.000
34	+0.02237	+110.26	+20,849.219	+1,555.710	+916.803	+0.000
35	+0.02345	-2,593.79	+21,855.798	+2,983.960	+961.066	+0.000
36	+0.02391	+1,072.50	+22,284.525	+2,983.960	+979.918	+0.000
37	+0.02454	+13,318.08	+22,871.696	+2,631.460	+1,005.738	+0.000
38	+0.02470	+28,412.46	+23,020.819	+2,631.460	+1,012.295	+0.000
39	+0.02468	+23,428.48	+23,002.178	+5,355.710	+1,011.475	+0.000
40	+0.02451	+23,419.06	+22,843.735	+5,355.710	+1,004.508	+0.000
41	+0.02444	+27,209.29	+22,778.494	+4,275.710	+1,001.639	+0.000
42	+0.02458	+18,773.36	+22,908.977	+4,275.710	+1,007.377	+0.000

43	+0.02435	+22,025.55	+22,694.613	-4,587.000	+997.951	+.000
44	+0.02341	+7,316.80	+21,818.517	-4,587.000	+959.426	+.000
45	+0.02254	+14,580.47	+21,007.662	-5,287.000	+923.771	+.000
46	+0.02096	+21,438.27	+19,535.075	-5,287.000	+859.016	+.000
47	+0.01931	+38,083.68	+17,997.247	+3,408.600	+791.394	+.000
48	+0.01822	+50,697.44	+16,981.349	+3,408.600	+746.721	+.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	+2,202.173	+0.000	+14,017.448	+0.000	+0.000
02	+0.000	+2,187.932	+0.000	+13,926.801	+0.000	+0.000
03	+0.000	+2,174.986	+0.000	+13,844.393	+0.000	+0.000
04	+0.000	+2,154.271	+0.000	+13,712.542	+0.000	+0.000
05	+0.000	+2,167.218	+0.000	+13,794.949	+0.000	+0.000
06	+0.000	+2,186.637	+0.000	+13,918.560	+0.000	+0.000
07	+0.000	+2,187.932	+0.000	+13,926.801	+0.000	+0.000
08	+0.000	+2,199.584	+0.000	+14,000.967	+0.000	+0.000
09	+0.000	+2,186.637	+0.000	+13,918.560	+0.000	+0.000
10	+0.000	+2,196.994	+0.000	+13,984.486	+0.000	+0.000
11	+0.000	+2,178.869	+0.000	+13,869.116	+0.000	+0.000
12	+0.000	+2,234.539	+0.000	+14,223.466	+0.000	+0.000
13	+0.000	+2,361.413	+0.000	+15,031.056	+0.000	+0.000
14	+0.000	+2,549.135	+0.000	+16,225.959	+0.000	+0.000
15	+0.000	+2,670.830	+0.000	+17,000.586	+0.000	+0.000
16	+0.000	+2,814.535	+0.000	+17,915.304	+0.000	+0.000
17	+0.000	+2,943.998	+0.000	+18,739.375	+0.000	+0.000
18	+0.000	+2,946.588	+0.000	+18,755.857	+0.000	+0.000
19	+0.000	+2,955.650	+0.000	+18,813.542	+0.000	+0.000
20	+0.000	+2,946.588	+0.000	+18,755.857	+0.000	+0.000
21	+0.000	+2,906.454	+0.000	+18,500.395	+0.000	+0.000
22	+0.000	+2,875.383	+0.000	+18,302.618	+0.000	+0.000
23	+0.000	+2,850.785	+0.000	+18,146.044	+0.000	+0.000
24	+0.000	+2,800.294	+0.000	+17,824.657	+0.000	+0.000
25	+0.000	+2,767.928	+0.000	+17,618.639	+0.000	+0.000
26	+0.000	+2,770.517	+0.000	+17,635.120	+0.000	+0.000
27	+0.000	+2,754.982	+0.000	+17,536.232	+0.000	+0.000
28	+0.000	+2,744.625	+0.000	+17,470.306	+0.000	+0.000
29	+0.000	+2,736.857	+0.000	+17,420.862	+0.000	+0.000
30	+0.000	+2,720.027	+0.000	+17,313.733	+0.000	+0.000
31	+0.000	+2,751.098	+0.000	+17,511.510	+0.000	+0.000
32	+0.000	+2,764.044	+0.000	+17,593.917	+0.000	+0.000
33	+0.000	+2,782.169	+0.000	+17,709.287	+0.000	+0.000
34	+0.000	+2,896.097	+0.000	+18,434.469	+0.000	+0.000
35	+0.000	+3,035.917	+0.000	+19,324.466	+0.000	+0.000
36	+0.000	+3,095.471	+0.000	+19,703.539	+0.000	+0.000
37	+0.000	+3,177.032	+0.000	+20,222.703	+0.000	+0.000
38	+0.000	+3,197.747	+0.000	+20,354.555	+0.000	+0.000
39	+0.000	+3,195.157	+0.000	+20,338.073	+0.000	+0.000
40	+0.000	+3,173.149	+0.000	+20,197.981	+0.000	+0.000
41	+0.000	+3,164.086	+0.000	+20,140.296	+0.000	+0.000
42	+0.000	+3,182.211	+0.000	+20,255.666	+0.000	+0.000

43	+.000	+3,152.434	+.000	+20,066.130	+.000	+.000
44	+.000	+3,030.739	+.000	+19,291.503	+.000	+.000
45	+.000	+2,918.106	+.000	+18,574.561	+.000	+.000
46	+.000	+2,713.553	+.000	+17,272.529	+.000	+.000
47	+.000	+2,499.939	+.000	+15,912.812	+.000	+.000
48	+.000	+2,358.824	+.000	+15,014.574	+.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	+70.224	+0.000	+0.000	+0.000	+0.000	+107,847.725
02	+69.770	+0.000	+0.000	+0.000	+0.000	+109,654.912
03	+69.357	+0.000	+0.000	+0.000	+0.000	+120,803.216
04	+68.697	+0.000	+0.000	+0.000	+0.000	+117,575.710
05	+69.110	+0.000	+0.000	+0.000	+0.000	+120,892.746
06	+69.729	+0.000	+0.000	+0.000	+0.000	+121,629.596
07	+69.770	+0.000	+0.000	+0.000	+0.000	+127,561.472
08	+70.142	+0.000	+0.000	+0.000	+0.000	+126,460.222
09	+69.729	+0.000	+0.000	+0.000	+0.000	+117,230.906
10	+70.059	+0.000	+0.000	+0.000	+0.000	+118,492.869
11	+69.481	+0.000	+0.000	+0.000	+0.000	+113,917.746
12	+71.257	+0.000	+0.000	+0.000	+0.000	+116,724.331
13	+75.302	+0.000	+0.000	+0.000	+0.000	+113,527.931
14	+81.289	+0.000	+0.000	+0.000	+0.000	+121,217.813
15	+85.169	+0.000	+0.000	+0.000	+0.000	+81,441.187
16	+89.752	+0.000	+0.000	+0.000	+0.000	+86,458.213
17	+93.880	+0.000	+0.000	+0.000	+0.000	+78,542.297
18	+93.963	+0.000	+0.000	+0.000	+0.000	+80,179.680
19	+94.252	+0.000	+0.000	+0.000	+0.000	+81,179.377
20	+93.963	+0.000	+0.000	+0.000	+0.000	+76,274.510
21	+92.683	+0.000	+0.000	+0.000	+0.000	+62,408.054
22	+91.692	+0.000	+0.000	+0.000	+0.000	+53,570.985
23	+90.908	+0.000	+0.000	+0.000	+0.000	+53,093.419
24	+89.298	+0.000	+0.000	+0.000	+0.000	+61,531.110
25	+88.266	+0.000	+0.000	+0.000	+0.000	+68,264.595
26	+88.348	+0.000	+0.000	+0.000	+0.000	+62,242.578
27	+87.853	+0.000	+0.000	+0.000	+0.000	+49,862.748
28	+87.523	+0.000	+0.000	+0.000	+0.000	+49,751.725
29	+87.275	+0.000	+0.000	+0.000	+0.000	+53,357.835
30	+86.738	+0.000	+0.000	+0.000	+0.000	+51,870.949
31	+87.729	+0.000	+0.000	+0.000	+0.000	+56,767.038
32	+88.142	+0.000	+0.000	+0.000	+0.000	+46,166.535
33	+88.720	+0.000	+0.000	+0.000	+0.000	+41,013.618
34	+92.353	+0.000	+0.000	+0.000	+0.000	+44,854.911
35	+96.811	+0.000	+0.000	+0.000	+0.000	+45,664.228
36	+98.711	+0.000	+0.000	+0.000	+0.000	+50,218.623
37	+101.311	+0.000	+0.000	+0.000	+0.000	+63,328.021
38	+101.972	+0.000	+0.000	+0.000	+0.000	+78,731.307
39	+101.889	+0.000	+0.000	+0.000	+0.000	+76,432.964
40	+101.188	+0.000	+0.000	+0.000	+0.000	+76,095.331
41	+100.899	+0.000	+0.000	+0.000	+0.000	+78,670.415
42	+101.477	+0.000	+0.000	+0.000	+0.000	+70,504.778



43	+100.527	+.000	+.000	+.000	+.000	+64,450.205
44	+96.646	+.000	+.000	+.000	+.000	+47,926.631
45	+93.055	+.000	+.000	+.000	+.000	+52,810.624
46	+86.532	+.000	+.000	+.000	+.000	+56,617.976
47	+79.720	+.000	+.000	+.000	+.000	+78,773.391
48	+75.220	+.000	+.000	+.000	+.000	+89,282.728