

NI Non-Domestic RHI Scheme Analysis 31 March 2022

Figure 1: Summary of NI Non-Domestic RHI Installations as at 31 March 2022

Tariff Band ¹	No. of Installations	Total Installation Capacity MW	Total Eligible Heat Output GWh	No. of Installations Receiving Payment ²	Expenditure per Tariff £m
Small Solid Biomass Boiler	12	0.2	1.2	10	0.2
Lower Medium Solid Biomass Boiler	1,864	164.2	2,711.1	1,801	119.8
Upper Medium Solid Biomass Boiler	200	38.8	246.4	190	11.5
Large Solid Biomass Boiler	26	17.8	150.3	14	2.5
Small Ground Source Heat Pump (GSHP)	13	0.2	2.7	10	0.3
Medium Ground Source Heat Pump (GSHP)	6	0.3	2.0	4	0.1
Small Solar Thermal	6	0.1	0.03	4	
Small Water Source Heat Pump (WSHP)	1	0.02	0.3	1	0.02
Grand Total³	2,128	221.6	3,114.0	2,034	134.3

¹ There are no accredited Biomethane installations within NI

² Installations may not have received payments for a variety of reasons including rejection from the scheme or voluntary withdrawal.

³ Totals may have slight rounding differences.

Figure 2: Tariff Schedules for NI Non-Domestic RHI Scheme

Tariff Band ¹	Tariff rate p/kWh 2015-16	Tariff rate p/kWh 2016-17	Tariff rate p/kWh 2017-18	Tariff rate p/kWh 2018-19	Tariff rate p/kWh 2019-20	Tariff rate p/kWh 2020-21	Tariff rate p/kWh 2021-22	Tariff rate p/kWh 2022-23
Small Solid Biomass Boiler <20kWth (effective date before 18 November 2015)	6.7	6.8	7.0/1.5	7.3/1.6	7.4/1.8	7.5/1.8	7.5/1.8	7.9/1.9
Small Solid Biomass Boiler <20kWth (effective date on or after 18 November 2015)	6.7/1.5	6.7/1.5	7.0/1.5	7.3/1.6	7.4/1.8	7.4/1.8	7.4/1.8	7.9/1.9
Lower Medium Solid Biomass Boiler 20 to <100kWth (effective date before 18 November 2015)	6.4	6.5	6.7/1.5	7.0/1.6	1.7/0	1.7/0	1.7/0	1.8/0
Lower Medium Solid Biomass Boiler 20 to <100kWth (effective date on or after 18 November 2015)	6.4/1.5	6.5/1.5	6.7/1.5	7.0/1.6	1.7/0	1.7/0	1.7/0	1.8/0
Upper Medium Solid Biomass Boiler 100 to <200kWth (effective date on or after 18 November 2015)	6.4/1.5	6.5/1.5	6.7/1.5	7.0/1.6	1.2/0	1.2/0	1.2/0	1.3/0
Large Solid Biomass Boiler 200 to <1 MWth (effective date before 18 November 2015)	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7
Small Ground Source Heat Pump <20 KWth	9.0	9.1	9.3	9.7	10	10.2	10.3	11.1
Medium Ground Source Heat Pump 20 to <100 KWth	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.7
All Solar Thermal	9.1	9.2	9.4	9.8	10.1	10.3	10.4	11.2

¹ For tiered tariffs the first 1,314 hours of eligible heat output are paid at the higher rate and any further heat generated is paid at the lower rate up to a maximum eligible heat output of 400,000kWth.

Figure 3: NI RHI Scheme Budgetary Position

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
NI Non-Domestic Scheme Expenditure	0.0	0.0	0.7	6.5	30.5	42.3	21.7	21.1	3.8	4.4	3.3	134.3
NI Domestic Scheme Expenditure	0.0	0.5	1.0	1.4	4.6	2.9	2.8	2.7	2.9	2.9	2.5	24.2
Total Spend	0.0	0.5	1.7	7.9	35.1	45.2	24.5	23.8	6.7	7.2	5.8	158.4
AME Budget ¹	2.0	4.0	7.0	12.0	30.4	18.3	22.3	25.7	28.9	33.5	33.5	217.6
Underspend/(Spend from Block Grant)	2.0	3.5	5.3	4.1	(4.7)	(26.9)	(2.2)	1.9	22.2	26.3	27.7	
DEL COST	-		-		(4.7)	(26.9)	(2.2)	-			-	(33.8)

1. AME Budget refers to Annually Managed Expenditure. AME is allocated for the total NI RHI Scheme and does not apportion between the Domestic & Non-Domestic Schemes
2. Renewable heat expenditure commenced in 2012-13 with £0.5 million in relation to Domestic Renewable Heat Premium Payments, payments on the Non-Domestic Scheme commenced in 2013-14
3. Totals may have slight rounding differences across individual years.

Figure 4: NI Non-Domestic RHI Scheme per industrial Sector

Sector	Number of Installations	% of Installations	Total Installation Capacity MW	Total Eligible Heat Output GWh
Agriculture	1,124	53%	125.0	1,969.0
Forestry / Wood	178	8%	24.0	293.7
Other ¹	826	39%	72.6	851.3
Grand Total²	2,128	100%	221.6	3,114.0

1. Examples of sectors within Other include Retail & Offices, Hospitality, Education, Manufacturing, and Sport & Recreation

2. Totals may have slight rounding differences

Figure 5: Distribution of NI Non-Domestic RHI Accreditations

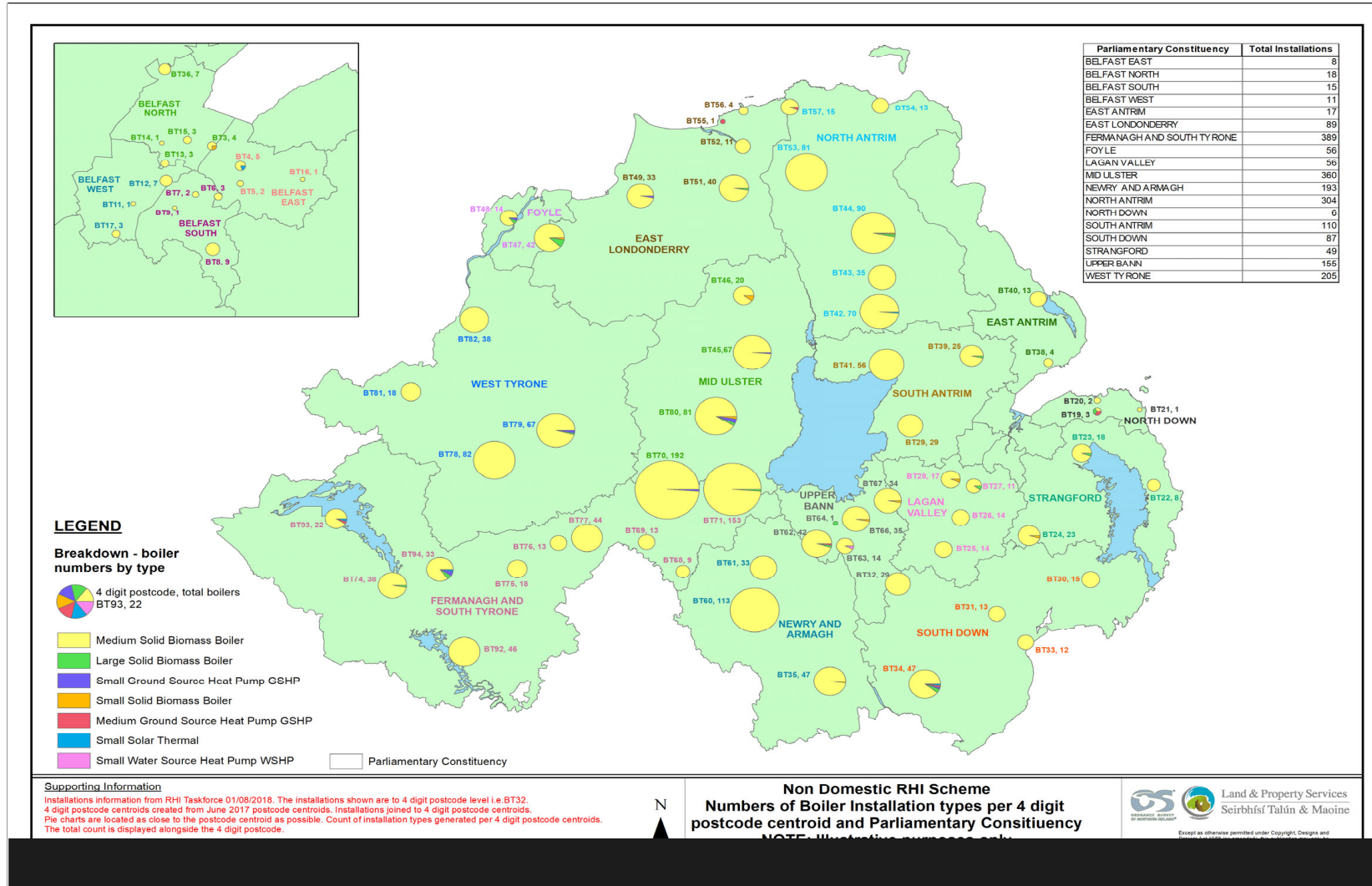
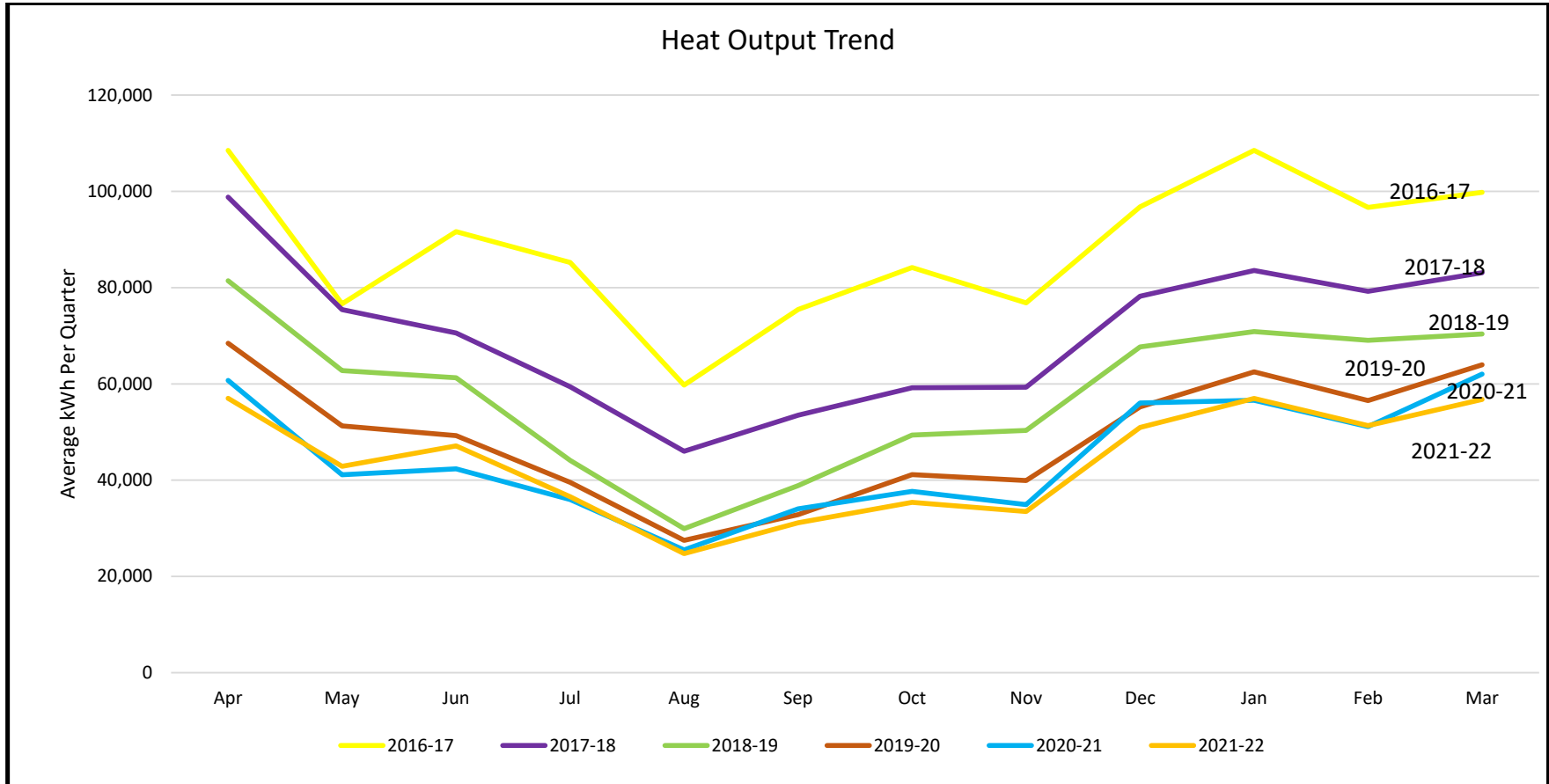


Fig 6: NI Non-Domestic RHI Scheme Heat Output Trends Illustrating Average kWh Usage



1. Eligible Heat Output (EHO) is based on average quarterly output.

Fig 6a: NI Non-Domestic RHI Scheme Heat Output Trends Illustrating Average kWh Usage – table version

Average of Eligible Heat Output

Financial Year	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2016-17	108,507	76,644	91,633	85,227	59,745	75,458	84,179	76,833	96,798	108,511	96,687	99,801
2017-18	98,802	75,436	70,579	59,401	46,012	53,485	59,203	59,327	78,206	83,579	79,216	83,114
2018-19	81,439	62,776	61,292	44,122	29,914	38,889	49,354	50,317	67,687	70,848	69,055	70,365
2019-20	68,439	51,268	49,265	39,532	27,490	32,865	41,150	39,913	55,241	62,489	56,552	63,976
2020-21	60,720	41,102	42,347	35,955	25,488	34,031	37,677	34,927	56,038	56,609	51,136	62,021
2021-22	56,997	42,881	47,100	36,559	24,744	31,150	35,383	33,497	50,924	56,961	51,307	56,760