NI Non-Domestic RHI Scheme Analysis 31 March 2019

Figure 1: Summary of NI Non-Domestic RHI Installations as at 31 March 2019

Tariff Band	No. of Installations	Total Installation Capacity MW	Total Eligible Heat Output GWh	No. of Installations Receiving Payment [1]	Expenditure per Tariff £m
Small Solid Biomass Boiler	12	0.2	1.0	10	0.09
Lower Medium Solid Biomass Boiler	1,864	164.2	1,963.2	1,799	111.20
Upper Medium Solid Biomass Boiler	200	38.7	148.0	189	9.90
Large Solid Biomass Boiler	26	17.9	87.0	15	1.40
Small Ground Source Heat Pump (GSHP)	13	0.2	1.4	9	0.15
Medium Ground Source Heat Pump (GSHP)	6	0.3	1.6	4	0.07
Small Solar Thermal	6	0.1	0.02	4	0.004
Small Water Source Heat Pump (WSHP)	1	0.02	0.1	1	0.01
Grand Total	**2,128**	**221.6**	**2,202.3**	**2,031**	**122.8**

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

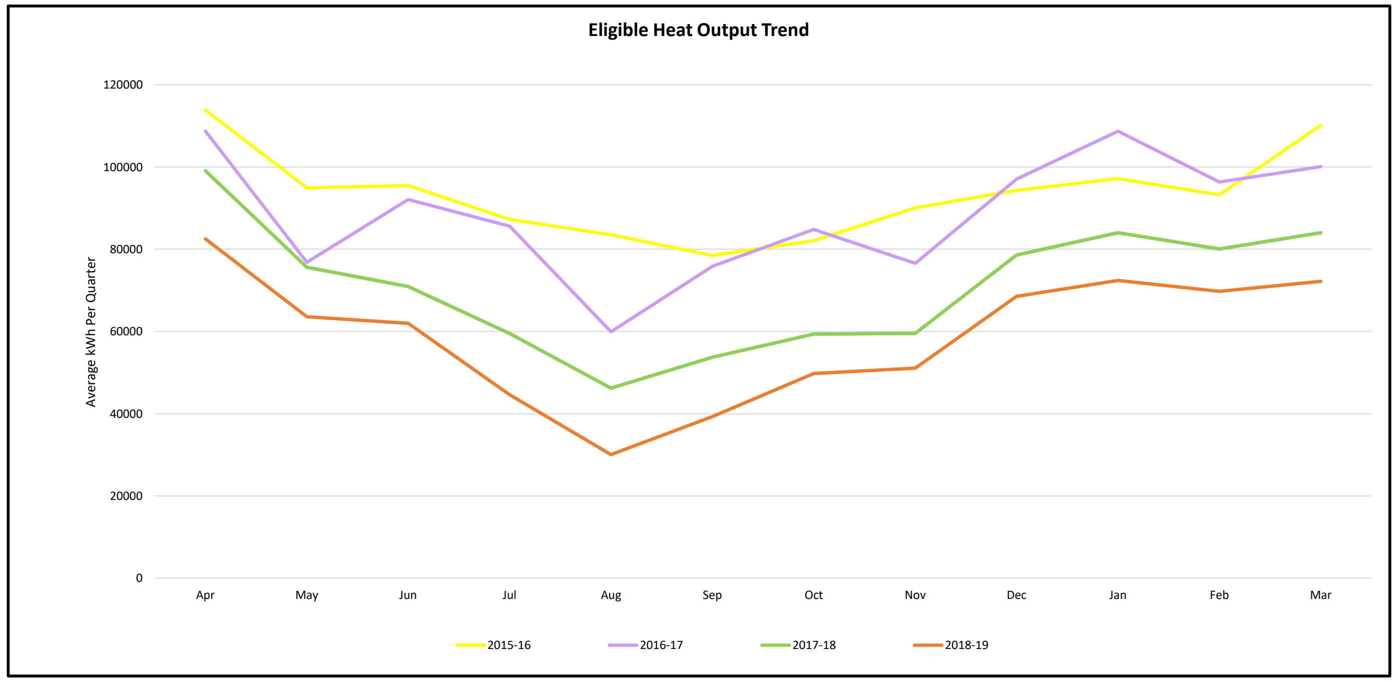
2. There are no accredited Biomethane installations within NI.

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

Tariff Band [1]	Tariff Rate p/kWh				
	2015-16	2016-17	2017-18	2018-19	2019-20
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
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
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
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
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
Large Solid Biomass Boiler 200 to <1 MWth (effective date before 18 November 2015)	1.5	1.5	1.5	1.6	1.7
Small Ground Source Heat Pump <20 KWth	9.0	9.1	9.3	9.7	10
Medium Ground Source Heat Pump 20 to <100 KWth	4.6	4.7	4.8	5.0	5.2
All Solar Thermal	9.1	9.2	9.4	9.8	10.1

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 400,000kWh.

Figure 3: NI Non-Domestic RHI Scheme Heat Output Trends Illustrating Average kWh Usage



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

Figure 4: Distribution of NI Non-Domestic RHI Accreditations

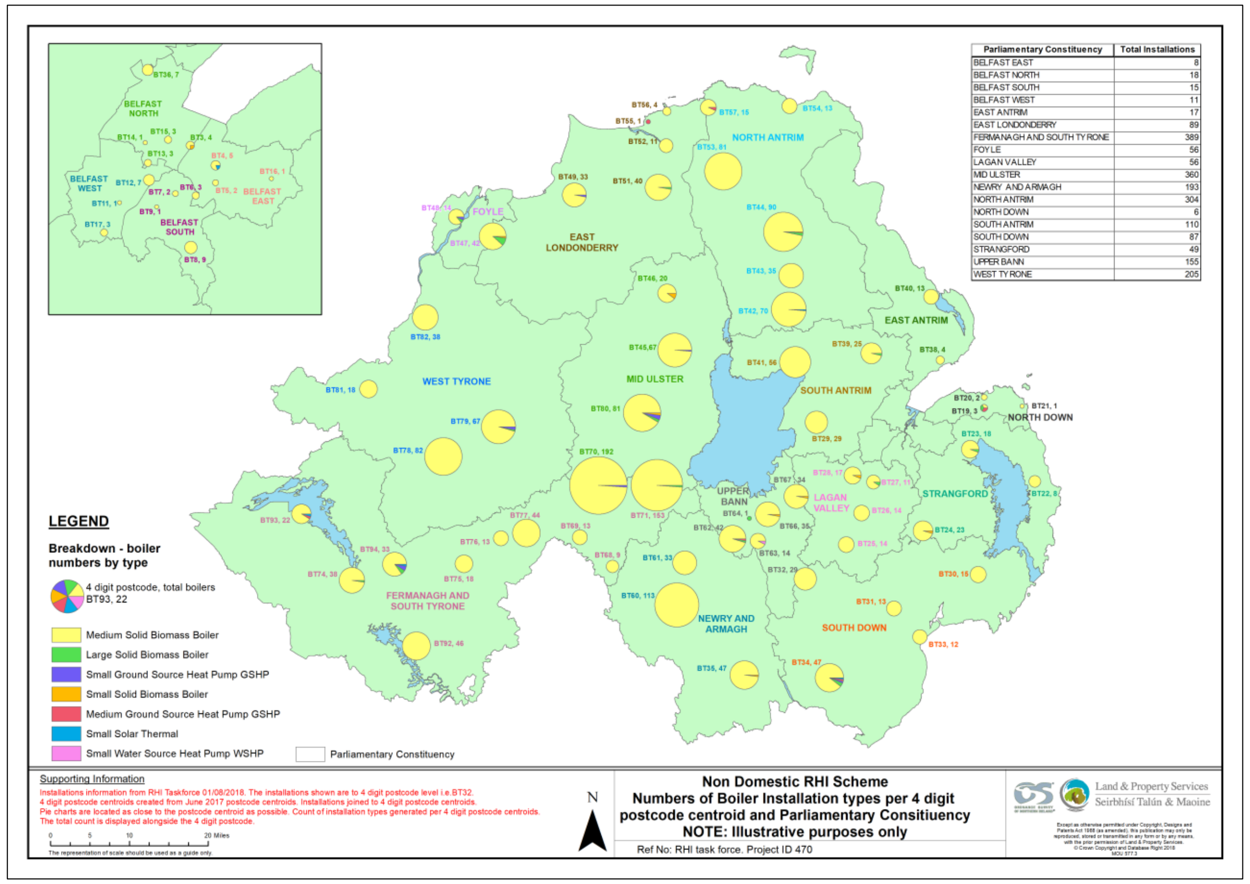


Figure 5: NI Non-Domestic RHI Scheme Budgetary Position

	2013-14[2] £m	2014-15 £m	2015-16 £m	2016-17 £m	2017-18 £m	2018-19 £m	Total[3] £m
AME Budget [1]	7.0	12.0	30.4	18.3	22.3	25.7	115.7
NI Non-Domestic Scheme Expenditure	0.7	6.5	30.5	42.3	21.7	21.1	122.8
NI Domestic Scheme Expenditure	1.0	1.4	4.6	2.9	2.8	2.7	15.4
Total Spend	**1.7**	**7.9**	**35.1**	**45.2**	**24.5**	**23.8**	**138.2**
Underspend/(Overspend)	**5.3**	**4.1**	**(4.7)**	**(26.9)**	**(2.2)**	**1.9**	**(22.5)**

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 6: 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%	124.9	1,402.7
Forestry / Wood	178	8%	24.1	211.5
Retail & Offices	145	7%	11.7	76.3
Hospitality	106	5%	9.1	76.4
Other [1]	575	27%	51.8	435.4
Grand Total	**2,128**	**100%**	**221.6**	**2,202.3**

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