

From: [Wightman, Stuart](#)
 To: [Cooper, Trevor](#)
 Subject: FW: RHI Forecast Scenarios
 Date: 26 January 2016 11:22:53

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From: Wightman, Stuart
 Sent: 25 January 2016 09:38
 To: Mills, John (DETI)
 Cc: Hughes, Seamus
 Subject: RHI Forecast Scenarios
 John

I'm tied up most of today but I'll try to get a paper on RHI forecasts completed asap. I've prepared the following forecast scenarios to inform this. The estimated heat payments for existing and future commitments are based on average payments (£2065 / month) we've made to date. The forecasts have been updated with payments and have increased since the last forecast made in December 2015. We estimate that current commitments (up to 31/1/16) will cost £45m /year.

I have then included 4 scenarios varying the number of applications we're likely to receive between now and proposed scheme closure on 31 March 2016. I recommend we run with Scenario 3 which assumes we'll receive 300 applications on both schemes.

Stuart

Existing Commitments (up to 31/1/16)

Year	1	2	3	4	5	5 Year
	16/17	17/18	18/19	19/20	20/21	Total
Domestic RHI Capital	0	0	0	0	0	0
Domestic RHI Resource	1987284	1987284	1987284	1987284	1987284	9936420
Non Domestic RHI Resource	43208021	43208021	43208021	43208021	43208021	216040105
Total RHI	45195305	45195305	45195305	45195305	45195305	225976525

Scenario 1 - Normal (Average) Application levels

Year	1	2	3	4	5	5 Year
	16/17	17/18	18/19	19/20	20/21	Total
Existing Commitments	45195305	45195305	45195305	45195305	45195305	225976525
100 Domestic applications	120000	120000	120000	120000	120000	600000
100 Non Domestic applications	1691033	1691033	1691033	1691033	1691033	8455167
Total RHI	47006338	47006338	47006338	47006338	47006338	235031692

Scenario 2 - 2X Application numbers

Year	1	2	3	4	5	5 Year
	16/17	17/18	18/19	19/20	20/21	Total
Existing Commitments	45195305	45195305	45195305	45195305	45195305	225976525
200 Domestic applications	240000	240000	240000	240000	240000	1200000
200 Non Domestic applications	3382067	3382067	3382067	3382067	3382067	16910333
Total RHI	48817372	48817372	48817372	48817372	48817372	244086858

Scenario 3 - 3X Application numbers

Year	1	2	3	4	5	5 Year
	16/17	17/18	18/19	19/20	20/21	Total
Existing Commitments	45195305	45195305	45195305	45195305	45195305	225976525
300 Domestic applications	360000	360000	360000	360000	360000	1800000
300 Non Domestic applications	5073100	5073100	5073100	5073100	5073100	25365500
Total RHI	50628405	50628405	50628405	50628405	50628405	253142025

Scenario 4 - 4X Application numbers

Year	1	2	3	4	5	5 Year
	16/17	17/18	18/19	19/20	20/21	Total
Existing Commitments	45195305	45195305	45195305	45195305	45195305	225976525
400 Domestic applications	480000	480000	480000	480000	480000	2400000
400 Non Domestic applications	6764133	6764133	6764133	6764133	6764133	33820667
Total RHI	52439438	52439438	52439438	52439438	52439438	262197192

Scenario 5 - 5X Application numbers

Year	1	2	3	4	5	5 Year
	16/17	17/18	18/19	19/20	20/21	Total
Existing Commitments	45195305	45195305	45195305	45195305	45195305	225976525
500 Domestic applications	600000	600000	600000	600000	600000	3000000

500 Non Domestic applications	8455167	8455167	8455167	8455167	8455167	42275833
Total RHI	54250472	54250472	54250472	54250472	54250472	271252358