# Peoples Gas and North Shore Gas High-Level 4-Year Plan

# Pat Michalkiewicz and Michael Marks Presentation to the Stakeholder Advisory Group May 1, 2017

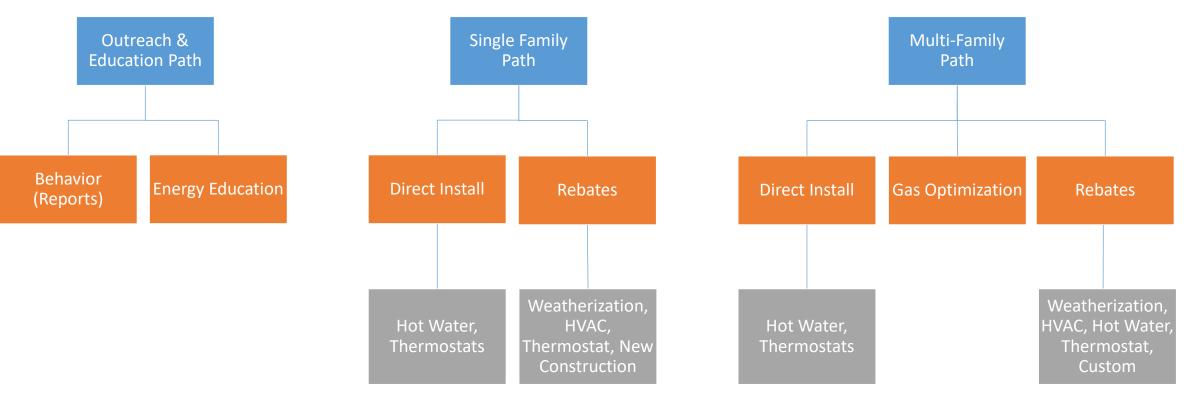
# Agenda

- Program Discussion Residential
- Program Discussion Business
- Feedback





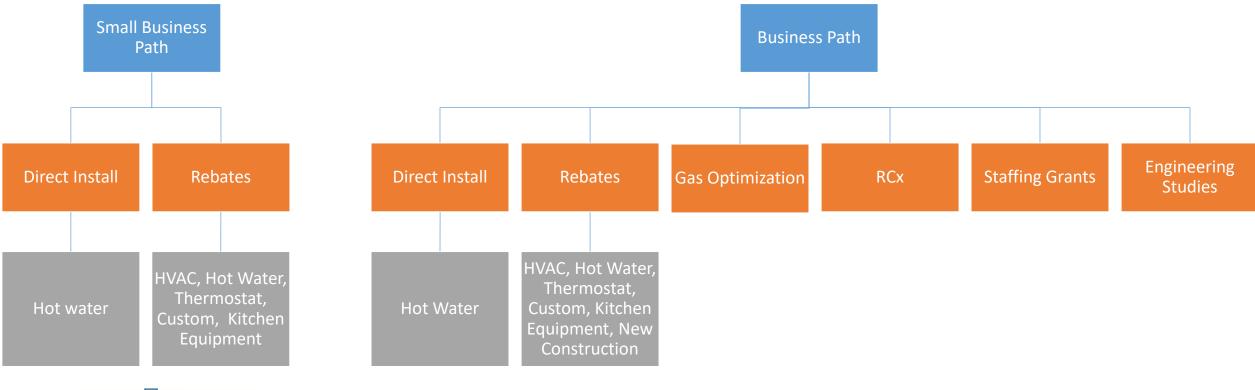
# **Residential Program**







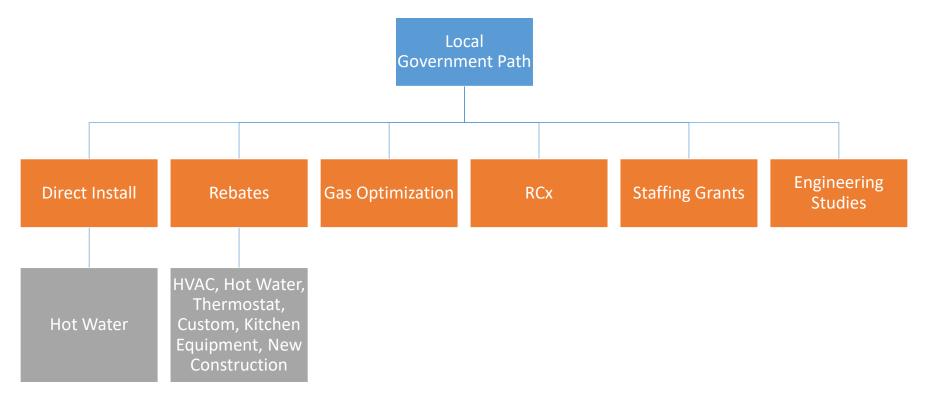
#### **Business Program**







# Business Program (cont.)







#### Summary – Peoples Gas

PEOPLES GAS	PY7	PY8	PY9	PY10	Total
Throughput (Therms)	1,754,194,737	1,754,194,737	1,754,194,737	1,754,194,737	7,016,778,948
Statutory Savings Goal (Percent)	1.40%	1.50%	1.50%	1.50%	n/a
Statutory Savings Goal (Therms)	24,558,726	26,312,921	26,312,921	26,312,921	103,497,489
Utility Proposed Modified Savings Goal (Therms)	10,851,276	10,583,789	10,506,273	10,519,039	42,460,376
Utility Proposed Modified Savings Goal (Percent)	0.62%	0.60%	0.60%	0.60%	n/a
Portfolio Budget	PY7	PY8	PY9	PY10	Total
Budget Cap	\$27,471,487	\$27,471,487	\$27,471,487	\$27,471,487	\$109,885,948
Research & Development (Emerging Technologies)	\$824,145	\$824,145	\$824,145	\$824,145	\$3,296,580
EM&V Implementation	\$824,145	\$824,145	\$824,145	\$824,145	\$3,296,580
Portfolio Administration (Including Planning)	\$1,373,574	\$1,373,574	\$1,373,574	\$1,373,574	\$5,494,296
Portfolio Marketing & Education	\$1,373,574	\$1,373,574	\$1,373,574	\$1,373,574	\$5,494,296
Market Transformation	\$274,715	\$274,715	\$274,715	\$274,715	\$1,098,860
Studies (i.e., Potential Studies External costs)			\$240,000		\$240,000
Total Portfolio Costs	\$4,670,153	\$4,670,153	\$4,910,153	\$4,670,153	\$18,920,612
Available Program Budget	\$22,801,334	\$22,801,334	\$22,561,334	\$22,801,334	\$90,965,336
New Programs					
Local Government (10%)	\$2,747,149	\$2,747,149	\$2,747,149	\$2,747,149	\$10,988,596
Low Income (150% Federal Poverty) 21.59	\$5,906,370	\$5,906,370	\$5,906,370	\$5,906,370	\$23,625,480
Low Income Actual	\$6,414,695	\$6,414,695	\$6,414,695	\$6,414,695	\$25,658,780





#### Summary – North Shore Gas

North Shore Gas		PY7	PY8	PY9	PY10	Total	
Throughput (Therms)		346,897,375	346,897,375	346,897,375	346,897,375	1,387,589,500	
Statutory Savings Goal (Percent)		1.40%	1.50%	1.50%	1.50%	n/a	
Statutory Savings Goal (Therms)		4,856,563	5,203,461	5,203,461	5,203,461	20,466,945	
Utility Proposed Modified Savings Goal (T	herms)	2,057,708	1,866,733	1,690,689	1,836,564	7,451,694	
Utility Proposed Modified Savings Goal (P	ercent)	0.59%	0.54%	0.49%	0.53%	n/a	
Portfolio Budget		PY7	PY8	PY9	PY10	Total	
Budget Cap		\$3,982,889	\$3,982,889	\$3,982,889	\$3,982,889	\$15,931,556	
Research & Development (Emerging Techr	\$119,487	\$119,487	\$119,487	\$119,487	\$477,948		
EM&V Implementation		\$119,487	\$119,487	\$119,487	\$119,487	\$477,948	
Portfolio Administration (Including Planni	ing)	\$199,144	\$199,144	\$199,144	\$199,144	\$796,576	
Portfolio Marketing & Education		\$199,144	\$199,144	\$199,144	\$199,144	\$796,576	
Market Transformation		\$39,829	\$39,829	\$39,829	\$39,829	\$159,316	
Studies (i.e., Potential Studies External co	sts)			\$240,000		\$240,000	
Total Portfolio Costs		\$677 <i>,</i> 091	\$677,091	\$917,091	\$677,091	\$2,948,364	
Available Program Budget		\$3,305,798	\$3,305,798	\$3,065,798	\$3,305,798	\$12,983,192	
New Programs							
Local Government (10%)		\$398,289	\$398,289	\$398 <i>,</i> 289	\$398,289	\$1,593,156	
Low Income (150% Federal Poverty)	8.8%	\$350,494	\$350,494	\$350,494	\$350,494	\$1,401,976	





# Residential Program – Peoples Gas

			PGL PY7			PGL PY8			PGL PY9		PGL PY10		
				Lifetime			Lifetime			Lifetime			Lifetime
	TRC	Budget	Therms	Therms									
Residential Outreach & Education		\$421,300	597,772	1,175,034	\$421,300	400,901	824,603	\$421,300	372,577	774,187	\$421,300	353,240	739,767
Residential Assessments SF		\$2,306,463	666,686	5,005,069	\$2,306,463	666,686	5,005,069	\$2,214,124	639,933	4,804,004	\$2,306,463	666,686	4,804,004
Residential Assessments MF		\$1,569,003	366,562	3,148,464	\$1,569,003	366,562	3,148,464	\$1,512,802	354,290	3,040,117	\$1,569,003	366,562	3,040,117
Residential Rebates SF		\$1,552,324	736,363	10,399,998	\$1,552,324	736,363	10,399,998	\$1,539,314	736,363	10,399,998	\$1,552,324	736,363	10,399,998
Residential Rebates MF		\$2,004,787	2,418,579	34,727,437	\$2,004,787	2,418,579	34,727,437	\$1,994,787	2,418,579	34,727,437	\$2,004,787	2,418,579	34,727,437
Total Residential Program	2.77	\$7,853,877	4,785,962	54,456,002	\$7,853,877	4,589,090	54,105,571	\$7,682,327	4,521,742	53,745,743	\$7,853,877	4,541,430	53,711,322





# Residential Program – North Shore Gas

	ĺ		NSG PY7		NSG PY8				NSG PY9		NSG PY10		
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				Lifetime			Lifetime			Lifetime			Lifetime
	TRC	Budget	Therms	Therms	Budget	Therms	Therms	Budget	Therms	Therms	Budget	Therms	Therms
Residential Outreach & Education		\$361,000	496,420	911,378	\$361,000	319,082	595,716	\$361 <i>,</i> 000	291,440	546,514	\$361,000	276,375	519,698
Residential Assessments SF		\$454 <i>,</i> 608	128,222	950,269	\$454 <i>,</i> 608	128,222	950,269	\$450,024	126,898	940,219	\$454,608	128,222	940,219
Residential Assessments MF		\$81,254	19,099	185,807	\$81,254	19,099	185,807	\$75 <i>,</i> 779	17,799	173,225	\$81,254	19,099	173,225
Residential Rebates SF		\$420,967	226,017	2,876,076	\$420,967	226,017	2,876,076	\$415,770	226,017	2,876,076	\$420,967	226,017	2,876,076
Residential Rebates MF		\$40,584	19,059	268,313	\$40 <i>,</i> 584	19,059	268,313	\$27,784	17,187	240,233	\$40,584	19,059	240,233
Total Residential Program	1.77	\$1,358,413	888,817	5,191,843	\$1,358,413	711,479	4,876,181	\$1,330,357	679,341	4,776,267	\$1,358,413	668,772	4,749,451





#### Business Program – Peoples Gas

			PGL PY7			PGL PY8			PGL PY9			PGL PY10		
				Lifetime			Lifetime			Lifetime			Lifetime	
	TRC	Budget	Therms	Therms	Budget	Therms	Therms	Budget	Therms	Therms	Budget	Therms	Therms	
Business Assessments C&I		\$2,454,574	1,510,358	22,584,762	\$2,454,574	1,510,358	22,584,762	\$2,417,474	1,510,358	22,584,762	\$2,454,574	1,510,358	22,584,762	
Business Rebates C&I		\$2,117,078	1,542,482	22,307,705	\$2,117,078	1,542,482	22,307,705	\$2,101,965	1,542,482	22,307,705	\$2,117,078	1,542,482	22,307,705	
Business Assessments SB		\$206,788	113,317	1,095,554	\$206,788	113,317	1,095,554	\$206,788	113,317	1,095,554	\$206,788	113,317	1,095,554	
Business Rebates SB		\$1,007,173	664,670	8,182,579	\$1,007,173	664,670	8,182,579	\$990 <i>,</i> 936	664,670	8,182,579	\$1,007,173	664,670	8,182,579	
Business Assessments Local Gov't		\$1,055,930	531,287	7,673,769	\$1,055,930	531,287	5,408,169	\$1,055,930	531,287	7,673,769	\$1,055,930	531,287	7,673,769	
Business Rebates Local Gov't		\$1,680,319	654,838	8,996,540	\$1,680,319	654,838	8,996,540	\$1,680,319	654,838	8,996,540	\$1,680,319	654,838	8,996,540	
Total Business Program	1.87	\$8,521,862	5,016,952	70,840,908	\$8,521,862	5,016,952	68,575,308	\$8,453,412	5,016,952	70,840,908	\$8,521,862	5,016,952	70,840,908	
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### Business Program – North Shore Gas

			NSG PY7			NSG PY8			NSG PY9		NSG PY10		
				Lifetime			Lifetime			Lifetime			Lifetime
	TRC	Budget	Therms	Therms	Budget	Therms	Therms	Budget	Therms	Therms	Budget	Therms	Therms
Business Assessments C&I		\$597,633	334,123	4,976,541	\$597,633	334,123	4,976,541	\$467,295	262,111	3,896,361	\$597,633	334,123	3,896,361
Business Rebates C&I		\$525 <i>,</i> 386	498,547	6,759,025	\$525 <i>,</i> 386	498,547	6,759,025	\$448 <i>,</i> 847	432,652	5,770,600	\$525 <i>,</i> 386	498,547	5,770,600
Business Assessments SB		\$14,059	7,160	75,143	\$14,059	7,160	75,143	\$14,059	7,160	75,143	\$14,059	7,160	75,143
Business Rebates SB		\$61,524	70,111	893,055	\$61,524	70,111	893 <i>,</i> 055	\$56 <i>,</i> 457	66,247	835,095	\$61,524	70,111	835,095
Business Assessments Local Gov't		\$129,477	53,022	763,780	\$129,477	53,022	763,780	\$129 <i>,</i> 477	53,022	763,780	\$129,477	53,022	763,780
Business Rebates Local Gov't		\$267,512	139,783	1,707,578	\$267,512	139,783	1,707,578	\$267,512	139,783	1,707,578	\$267,512	139,783	1,707,578
Total Business Program	2.19	\$1,595,591	1,102,746	15,175,121	\$1,595,591	1,102,746	15,175,121	\$1,383,647	960,975	13,048,556	\$1,595,591	1,102,746	13,048,556
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#### Questions, Open Discussion and Next Steps

The Peoples Gas and North Shore Gas Natural Gas Savings Programs

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