



# EEAC Listening Session: GSHP Benefits for Low/Moderate Income Families



**Lawrence Lessard, President  
New England Geothermal Professional Association, Inc.  
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# GSHP Benefits for LMI Families

- ★GSHP Reduced Operating Cost - saving hundreds of dollars per month
- ★GSHPs are a solution for heating, cooling and domestic hot water
- ★Elimination of fossil fuels avoids Carbon Monoxide generation saving lives
- ★GSHP low noise quiets densely settled areas
- ★GSHP air filtration provides proven health benefits
- ★Dramatically reduces Greenhouse Gas Emissions



# Savings for Illustration: LMI Household

System Type	Heating	Cooling	Hot Water	Total	vs. GSHP
GSHP	\$1,731.75	\$432.27	\$610.06	\$2,774.08	————
Resistance	\$7,489.24	\$629.85	\$875.47	\$8,994.56	\$6,220.48
ASHP	\$4,258.94	\$557.85	\$875.47	\$5,692.26	\$2,918.18
Natural Gas	\$1,998.78	\$629.85	\$875.47	\$3,504.10	\$730.02
Propane	\$4,262.88	\$629.85	\$875.47	\$5,768.20	\$2,994.12
Fuel Oil	\$3,360.68	\$629.85	\$875.47	\$4,866.00	\$2,091.92

**Best**

**324% Higher Cost**

**205% Higher Cost**

**26% higher cost and  
GHG Emissions**

**207% Higher Cost**

**175% Higher Cost**





# Remember that GSHPs:

- Have the Lowest Operating Cost for Heating and Cooling
- Have the Longest Service Life (24-40 years) resulting in lowest lifecycle cost

***The New England Geothermal Professional Association requests a Technical Conference with EEACs Technical Experts to discuss the benefits of our technology. Inclusion of GSHPs in the existing and coming 3-Year Plan is critical to compliance with statutory requirements regarding greenhouse gas emissions.***





**Thank You**  
**New England Geothermal Professional Association, Inc.**  
**Lawrence Lessard, PG, CGD, CGI; President**  
**978-338-5548 Ext. 102**  
**[LLessard@AchieveRenewable.com](mailto:LLessard@AchieveRenewable.com)**

