

Referenced Questions and Keyed responses

**#1** Economic – is only a benefit to the rate payers that take advantage of the various energy related incentive programs. For none incentive participants, only the disadvantage of higher electric rates, some of the largest in the country. HOW CAN THESE HIGH ELECTIRC RATES BE REDUCED? Present plans are directed towards increasing rates, e.g. $14.8 M requested gas rate increase

Environmental and social are coupled together – a definitive health benefit, with estimates of $0 -$100 per ton of Carbon Dioxide (CO2) reductions as well as other toxic emission avoided . WHAT IS THE ALLOCATED COST FCTOR FOR CO2 IN MA? ARE THE OTHER TOXIC EMISSIONS EVALUATED AND QUANTIFIED – e.g. Nitrous oxides, Methane, Cyanide, Carbon monoxide

**#2** When we compare MA electric rates of neighboring states **,** how can MA justify the higher rates? What percent of the 20-35% increae in rates goes directly into the residential and C&I owners hand?.

**#3** GHG emissions can be reduced and eliminated in local communities. GHG are not mobile (see Los Angles reports), i.e. they dissipate rapidly from their source. YES PROGRAMS THAT ELIMINATE GHG IN HIGH POUPLATEION AREA (E.G. RESIDENTIAL/BUSINESS DENSITY) SHOULD BE PRIORITY.

**#4**  Specific unknown – we have received reported estimates of $14 to $23/

**#5** Based upon number of beneficiaries to date , the program, up-front , is too complex and costly for it to be popular with the mass population. WHAT CANNOT THE HOME OWNER RETURN TO THE TEN YEAR (OR EVEN FIVE YEAR) ACCRUDED BENEIT?

**#6**  For our company (Water Energy) we have initiated the program in 2019 – for the reasons above , very few residential participants and the C&I are still struggling with the upfront costs and time consuming details. WHAT CAN NOT THE PROGRAM BE SIMPLIFIED AND MADE ATTRACTIVE ( E.g. “merchandised” – seen every day on the web/emails)?

**#7** Yes see above

**#8 No –** the investment in related technologies has been on the basis of first costs , with Federal, State and Community incentive and resultant operational and maintenance costs.

**#9** DOER has an important product to sell – you are treating it like a science experiment. Hire a merchandizing organization

**#10** The barrier is the mind of an engineer, we all like to measure with little consequence. Ultimately, has the APS been designed as a measurement exercise or really a selling process ? the “selling” will deliver a reduction in GHG , lower community costs and enhanced health

**#11 As above, merchandize –** Why not make the program simple and understandable to the end user, the general population, not technical and limited to the “energy cognosco”

**#12 none - thank you for the opportunity.**