

1/30/06
#050879

Generating Information

- I'd like a copy of energy consumption for 2000-2005, so I can analyze the data. The objective is to find out what the correlation is between energy efficiency, building age, building size, property value, etc. You will get the product.
- I'd like to suggest an energy survey of all GRU customers, so we know what is using the energy. Based on that data we can talk meaningfully about DSM designs.
- We really need to buy 3 more options; and delay one.
 1. An intermediate generating solution, good for the next 15 years, something with lower capital investment that reduces our exposure to fuel volatility & uncertain carbon policies.
 2. A solution that looks at Combined Heat and Power, Solar Hot water, and other distributed technologies.
 3. A synopsis of successful DSM programs in the nation and other nations, with particular focus on how the utility recovers costs. We have to learn how to make money from reducing demand.



The complete Micro-CHP system, powered by the Honda MCHP unit, results in more than 85 percent efficiency in converting fuel energy into useful heat and electric power.

In certain markets, the system will even deliver the ability to sell power back to the grid at full retail value.

<http://www.hondanews.com/CatID5065>

How much does it cost to make all AC systems in Gainesville SEER 12 by 2010?

How much does it cost

How many job hours does it create

What is the sales tax value of the new equipment

How much money does it save the customer

How much can we charge the customer to recover the cost

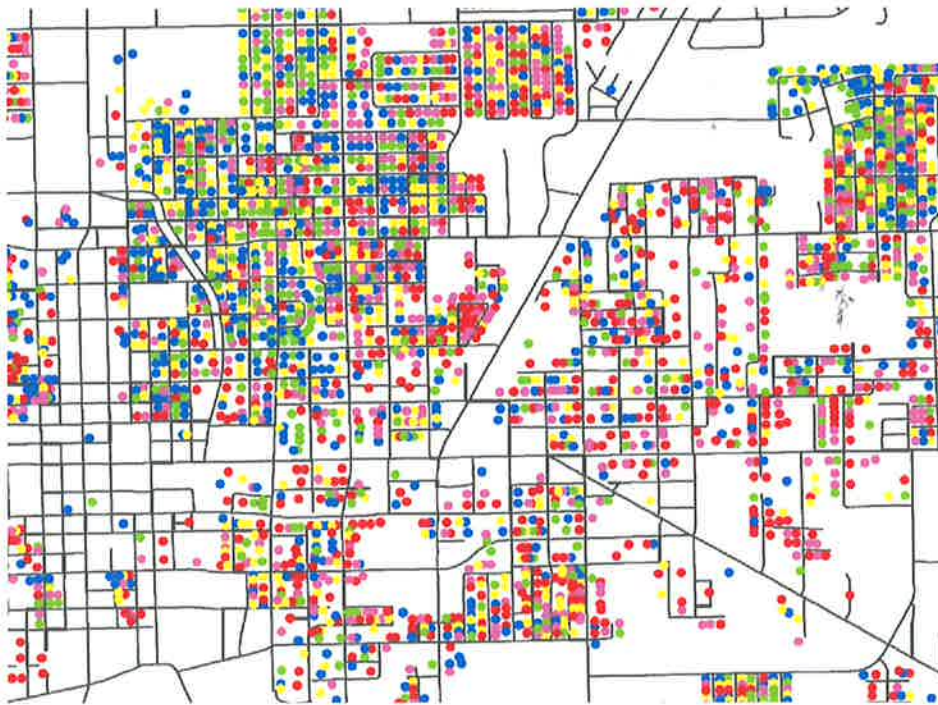
How much reduction in summer load does it represent & how many years does it push back the need for additional generating equipment

ICF says they CAN NOT answer this question. Yet, we need to know.

Energy Survey, get \$10 off your next bill if answer these 10 questions:

1. How many people live in your home/apartment/condo
2. About how old is your home/apartment/condo
3. Do you own or rent
4. How old is your AC
5. How old is/are your fridge(s)
6. How old is your hot water heater
7. How old is/are your toilet(s)
8. How old are your windows
9. What would you describe as the two most inefficient aspects of your home/apartment/condo
10. If we helped you buy a new AC, what percentage could you pay for yourself

What does it take to turn the red dots into green dots?



Blue dot: < 454 kWh per square foot
Red dot: > 1096 kWh per square foot

<http://personal.icbe.com/grecs/documents/ElecCons.pdf>