



Delaware Electric Cooperative

Load Management Programs



Why Load Management?

- Keep the cost of Energy affordable for all.
- Postpone building new generation facilities
- Help reduce outages due to overloads.
- Utilizing equipment better.



Load Management Programs

- Water Heater / Air Conditioning Control
 - A/C - 7.5 minute Cycle
 - Water Heater—50 minutes off per hour
- Interruptible Service
 - All customer load disconnected



Interruptible Service

- Customer is disconnected from the grid.
- Customer may elect to turn power off
 - Irrigation
- Customer may elect to run their back-up generator
 - Poultry Operation, DEC, etc.



Interruptible Service

- Power is not generated onto the grid
- Used 12 months per year
- Averages less than 15 hours per month
- Generator is installed for back-up during emergencies.
- Customer is not paid for power produced.
- Customer's rate is based on cost to supply.
- DEC notifies the customer when they run
- Rate penalty is applied if they do not run



Generator Statistics

- Typical Diesel Fuel Generators
- 160 Units in Sussex County
- 39 Units in Kent County
- Average size – 90 KW
- Average Load – 39 KW Summer



Emissions Reduction Options

- Rentar
 - Fuel line conditioner which promotes more complete combustion
- Bio-diesel
 - Mixture of diesel fuel and soy oil



QUESTIONS