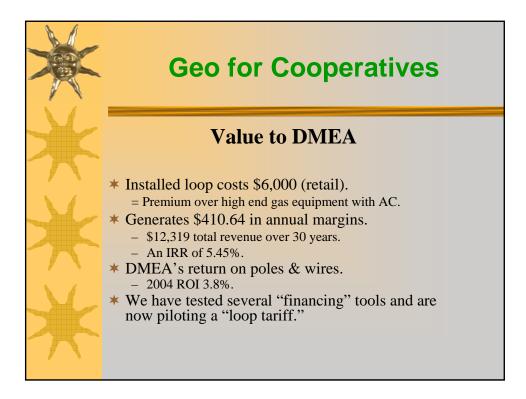
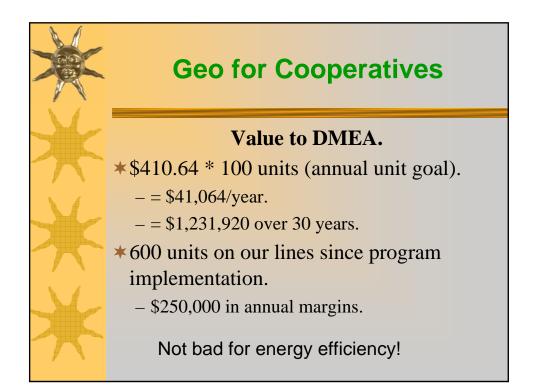


×	C	Geo	o fo	r C	00	per	ativ	/es		
¥	CDA Winter Peak Results									
		segment 1	segment2	segment 3	segment 4	segment 5	segment 6	segment 7	segment 8	
$\langle \rangle$		no HVAC or water heater	evap. cooler only	central AC only	water heater only	water heater and central AC	heating only	heating and water heater	heating, water heater and central AC	Average Home (kW
	Population distributio									
	% population	30%	22%	4%	28%	1%	1%	13%	0%	100%
	WINTER PEAK: January and December 2000, 5-9 PM									
	Main heating	0.00	0.00	0.00	0.00	0.00	1.67	1.75	1.83	0.26
	Secondary heating	0.01	0.00	0.00	0.01	0.00	0.05	0.03	0.00	0.01
	Water heater	0.00	0.00	0.00	0.44	0.46	0.00	0.42	0.50	0.19
× 4	Central AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Evaporative cooler	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Freezer	0.15	0.15	0.16	0.16	0.15	0.14	0.16	0.20	0.16
	Miscellaneous	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
	Total	1.50	1.49	1.50	1.96	1.95	3.20	3.70	3.86	1.96
	DMEA Residential Sector Projection:									
	Residential MW	10.8	8.0	1.3	13.2	0.3	1.1	11.8	0.4	47.0
	% of Residential MW	23%	17%	3%	28%	1%	2%	25%	1%	100%

	GeoExchange Results: Winter Performance						
			Heating Mode				
开	Segment or Customer	Square Footage	Usage in Winter Peak Month (JanDec.) kWh	Coincident	Coincident Winter Peak Load Factor		Site-Specific Winter Peak Load Factor
	Segment 7 [†]	1,997	856.2	1.75	0.66	-	-
	Carron	2,673	1,638.6	2.17	1.01	2.75	0.80
	Kintz*	3,000	1,988.5	2.18	1.23	10.37	0.26
	Pistor	2,053	1,569.4	1.77	1.19	3.86	0.55
	Unit A	1,906	798.6	2.02	0.53	3.76	0.29
	Unit B	1,516	401.6	0.67	0.80	2.08	0.26
7 🔪 🗌	Unit C	1,601	1,270.4	1.58	1.08	2.52	0.68
	Unit D	1,750	1,417.0	2.31	0.82	7.22	0.26
6	All Geoexchange	-	9,084.0	12.71	0.96	-	-
×	Notes: [†] 81% of the custon * Kintz winter peak					ta stops on 12/	5/2000)







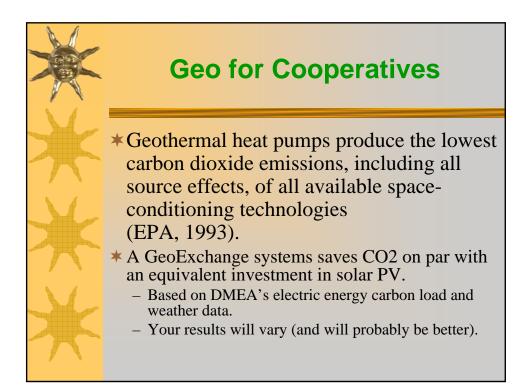


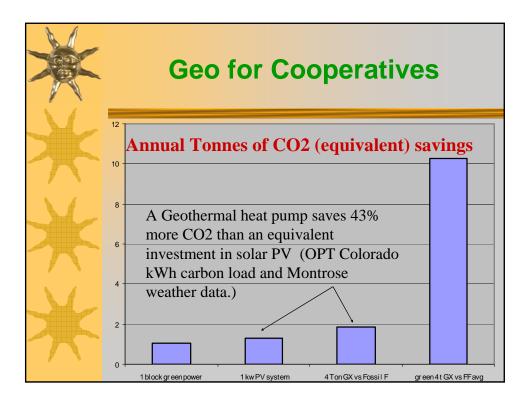
×	Geo for Coop	eratives					
M-	70 degree heating and cooling						
≁	Electric Resistance (100% radiant/convector zoned system with 13 SEER A/C)	\$2640					
Y	Propane (91% condensing system with 13 SEER A/C)	\$2474					
釆	Natural Gas (91% ignitor condensing system with 13 SEER A/C)	\$1021					
*	GeoExchange\$724(350% efficient system with horizontal ground loop)Assumes:• Typical 2,000 sq foot home (48,000 Btu/hr heating load & 20,000 Btu/hr cooling load)• Average temperature design data for Montrose, CO• Energy costs: Electricity @ \$.093/kWh; Propane @ \$1.96/gallon; Natural Gas @ \$.76/therm						
	DMEA member va	lue					

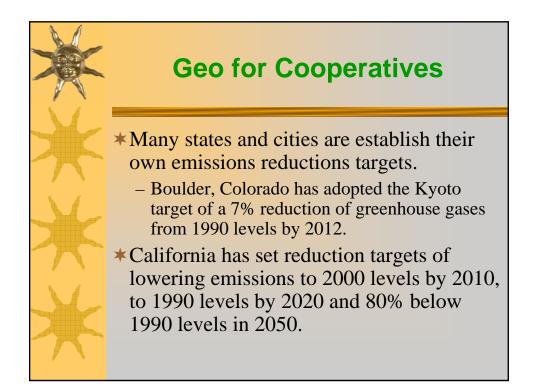


Geo for Cooperatives

- ***** DOE is working to officially designate GSHPs as a renewable energy resource.
- Cooperatives will be able to obtain credit for CO2 savings from GSHP programs.











Geo for Cooperatives

- * An average residential ground source heat pump will save 10 Tonnes of CO2 per year using all green power when replacing conventional gas/propane heating & cooling.
- This is a message utilities can use in the political process.





