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GIVE THE WATER COMPANY A BLOW JOB

Regarding Issue #29 on Water Meters, I found a simple way to beat the things. Shut off the water. Disconnect the meter. (Use wrenches with smooth jaws and cover them with tape to avoid tell-tale marks on the nuts. JP) Allow the water to drain out, then blow in the outlet fitting. The wheel inside will register about a cubic foot for each breath you put thru. It registers considerably more volume than is blown thru it, because it keeps spinning. If you haven't got good wind, reverse the hose on a vacuum cleaner so it blows instead of sucks. Tape the end of the hose to the meter's outlet and turn it on. Some of these meters have plastic parts so don't do this too long at one session. This is particularly useful with summer cottages where the meter is being fooled around with twice a year.

Don't be greedy. Like everything else, there is only so much usable water around. Also, the water company will wonder what the hell is going on if they find a home with six people in it registering an alleged consumption of fifty gallons a month.

Agent 038

Very clever! If the inlet and outlet fittings are identical, it would be possible to turn the meter around and let the water flow backwards thru it for a week or so per month. Eventually meter manufacturers may install a check valve to prevent this. In that event, one could remove the meter periodically and replace it with a length of pipe.

I'm glad to see you're concerned about the ecology. Our houses SHOULD have two sets of plumbing. One system would be for washing, cooking, etc. and could be drained on the lawn and garden. The phosphates in detergents are excellent fertilizer.

The other system for "sewage" would use negligible water. In his excellent book Design for the Real World, Victor Papanek tells how he designed a toilet with two flush levers - one for, ahem, #1, and one for #2. It would save a considerable amount of water, but a manufacturer told him that people were too mentally constipated to accept it.

The sewage can be anaerobically converted into methane (natural gas). If all the sewage were so processed, it would produce 1 1/2 times as much natural gas as we use in this country and that's no shit! Instead we dump it into our rivers and oceans, and argue against deregulation of natural gas prices. Clever!

There is an old Portuguese saying which translates: "If shit were ever to have any value, the poor would be born without assholes!" If so, I would not be surprised to see a strange mutation occur among welfare "clients" et al in the next few years...
Jim Phelps

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Dear Jim,,

I was talking to an engineer who works at the electric company in Connecticut and he told me something about how the electric company tries to catch those who jump the meters. He said they have a computer program running that looks for a decrease in the amount of electricity used. It doesn't even have to be a large decrease - a gradual long-term change will be picked up. When this happens, they will send a serviceman to look at the meter and see if it's been jumped. Also, they know how much energy an electric water heater uses, and if you have one and are using less than it requires, you're fucked. He said the only way to prevent the computer program from picking up the ripoff is to jump it as soon as electricity is brought into a new house. And, in light of what he said about the water heater, you may still get caught.

So be careful, Connecticut power phreaks.

Agent 067

Fascinating, as Mr. Spock would say. And discouraging, eh? Almost enough to make a person honest. As energy gets more and more expensive, (and it WILL continue to, as conventional cheap sources are used up) suppliers will get more and more uptight about people ripping it off.

Americans wasted more fuel in 1975 than was used by two - thirds of the world's population. It's quite easy to reduce one's consumption of it, especially for water heaters, as you can see by this.

SOLAR HEATING PLAN OFFERED BY UTILITY

BOSTON, Sept. 6 (Reuters)—For \$200, a limited number of customers of the Massachusetts Electric Company are to be invited to have a solar heating system installed in their homes to heat water.

The company said Thursday that it planned to advertise for potential solar energy users in about two weeks.

Each of the 100 customers selected will get the solar heating units at a fraction of their cost, estimated by the company at \$1,000 to \$1,600.

The utility estimated that the use of solar energy would cut

the cost of operating a hot water system by about half—up to 75 per cent in the sunny summer months and 25 to 30 per cent in the cloudy winter season, when an electric booster system will supplement the sun when needed.

Under the plan, special solar panels will be installed atop pipes through which water will circulate. The heated water

then goes to a storage tank until it is needed.

William Cardigan, president of the utility, said, "We want to know how efficient energy is as a water heater, how much money it will save customers, and if the savings

would offset the cost of equipment."

That "regular" price does look excessive, however. Anyone with enough skill to build a blue box should be able to build a solar heater for a reasonable amount. The May Popular Science featured an article about several simple, low priced, easily made units.

The only problem is that tax parasites may consider it an "improvement" and try to raise your property taxes. Don't let them! Yell, and write angry letters, and have demonstrations. It'll be worth it. Remember, you'll be reducing your dependence on the System.

Accessible hot water pipes should be insulated, or they'll act as radiators, even in the summer. And, of course, there's the old "Shower With a Friend" idea to save hot water.

If you're not already familiar with it, The Mother Earth News (\$10 per year from Box 70, Hendersonville, NC 28739) is a good source for info and ads about alternate sources of power.



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LAST ODDS & ENDS!

by

TOM EDISON

This is my last "Odds & Ends" column! I have been advised by my infamous colleagues, Al Bell and Mr. Phelps, that my column title is too dull. While I never claimed that my title was earth shattering, it did serve its purpose. My column is a potpourri of interesting and informative (I hope!) shit. I will, however, yield to the majority and rename my column next issue. If any of you readers would like to offer some suggestions for a new name for my column, please write to me c/o TAP. No smartasses need apply!

I was going to have an article on interconnecting CB radio after I had experimented with the CB rig that I was going to get this summer but because of the recent asinine ruling by the FCC that the 17 new CB channels would NOT be allowed to be added to all present 23 channel CB radios, I decided to wait until January 1977 when the new 40 channel CB rigs will be available. Not that it's going to do any good but you CB supporters might write the FCC and bitch about this stupid ruling. It certainly couldn't hurt!

The following new list of off-hook currents together with the two previous lists support my observation in "Black Box Blues" that even with standardized line voltage and switching equipment each individual phone line has its own operating characteristics. My personal thanks to the 23 readers who were kind enough to send in their off-hook currents. It's nice to know that there are some people who give a damn and want to help their fellow readers. Shame on the rest of you!

OFF-HOOK CURRENTS

Aldergrove, British Columbia	55 ma
Dolton, Ill.	28 ma
Hacienda Heights, Ca.	23 ma
Lafayette, Ind.	43 ma
New Haven, Conn.	50 ma
Pittsfield, Mass.	30 ma
Springfield, Mass.	58 ma

Sam and Charles, those notorious Litchfield Larcenists, sent me not only the N.Y. Times newsclip reprinted on the back page but also the name of an electronics company that's selling 56 volt zener diodes for \$ 1.25 each or 5/\$ 5. As they so correctly pointed out it's our duty to take care of those who take care of us and since this company was so considerate to offer a quantity discount for all us Black Box manufacturers I am only too glad to give them a plug:

Delta Electronics Company
P. O. Box 2
7 Oakland Street
Amesbury, Mass. 01913

I've had an inquiry from a reader asking me if there's any effective way to stall Pa Bell at your front door while you run around your house removing all your "goodies" from the phone line after the Security Dept. Goon Squad has made an unfriendly unannounced visit to catch you using your homemade equipment which has been detected by Bell's 3:00 AM snoop testing program, which is being paid for by us through higher phone rates! Yes, dear reader, there is a solution to this problem. All you need is a kid under 18 years old, preferably your own, but if you're single, separated, divorced, widowed, or gay you can always borrow your neighbor's kid. Have the little bastard go to the front door and tell the Bell Security Pigs that Mommy & Daddy aren't home. It is Bell policy not to allow their Security Agents to enter a home occupied only by a kid. This is due to the widespread rumor that all Bell Security Agents are perverted child molesters.

And speaking of perverted child molesters, welcome back to Canada, Scott!

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CORRECTION!

Don Harboldt, who we mentioned in #37, has been transferred. If you need help with those experimental electronic circuits, write him at Box PMB 30682, Atlanta, GA 30315.

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HURRICANE BELL?

From an Atlantic City phone booth, amid Monday's preparations for Hurricane Belle, Mayor Joseph Lazarow was broadcasting a public announcement over a local radio station when an operator said, "Deposit 10 cents for another three minutes." Mayor Lazarow tried to explain that he was giving urgent instructions concerning the storm. "Deposit another 10 cents, please," the operator persisted. Searching his pockets for a dime, the Mayor was cut off before he could find one.

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