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**Communities Served**

- |                |                 |
|----------------|-----------------|
| Alakanuk       | Nightmute       |
| Ambler         | Noatak          |
| Andreafsky     | Noorvik         |
| Anvik          | Nulato          |
| Brevig Mission | Nunapitchuk     |
| Chevak         | Old Harbor      |
| Eek            | Pilot Station   |
| Elim           | Pitkas Point    |
| Emmonak        | Quinhagak       |
| Gambell        | Russian Mission |
| Goodnews Bay   | St. Mary's      |
| Grayling       | St. Michael     |
| Holy Cross     | Savoonga        |
| Hooper Bay     | Scammon Bay     |
| Huslia         | Selawik         |
| Kaltag         | Shageluk        |
| Kasigluk       | Shaktoolik      |
| Kiana          | Shishmaref      |
| Kivalina       | Shungnak        |
| Kotlik         | Stebbins        |
| Koyuk          | Teller          |
| Lower Kalskag  | Togiak          |
| Marshall       | Toksook Bay     |
| Mekoryuk       | Tununak         |
| Minto          | Upper Kalskag   |
| Mt. Village    | Wales           |
| New Stuyahok   |                 |



**Alaska Village Electric Cooperative, Inc.**  
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AK-105

## TED to the Rescue!

TED will soon become a household name in many AVEC communities. TED stands for The Energy Detective. The countertop monitor is plugged into an electrical outlet that receives a radio signal from a transmitter mounted in your electric panel and tells you exactly how much electricity you are using.



AVEC has teamed up with the Association of Village Council Presidents (AVCP) and the Alaska Native Tribal Health Consortium (ANTHC) to apply for stimulus grant funds intended to improve energy efficiency in communities. A major portion of those grant funds will be used to buy TEDs for homeowners. We are collaborating with AVCP and ANTHC on their installation and hope to have a few thousand of them around rural Alaska this summer.

TED tells you what your electric load is at any point in time, how much electricity you are using in an hour, day, week or month. It also will tell you how much it is costing you. It is a great tool to help you use that precious energy more wisely. You can visit [www.theenergydetective.com](http://www.theenergydetective.com) to find out more about how TED works.

Did you know the electric clock, the television, the computer and half a dozen night lights could be using as much as 300 watts an hour? That could add up to 216 kilowatt-hours (kWh) in a month. That's not even counting the electricity your stove, refrigerator, freezer, microwave, coffeemaker and hair dryer use. Then add in add in Christmas lights, heat tape, room heaters and other major energy users.

Did you know you receive Power Cost Equalization on the first 500 kWh you use in a month? With PCE, those kWh cost less than 22 cents each—or about \$110, if you use exactly that much in a month. Every kilowatt-hour you use above 500 will cost you more than 50 cents and as much as 70 cents. So every 100 kWh you use above 500 will cost you \$50 to \$70! That can quickly become a huge financial burden. The TEDs we are purchasing will be programmed to alert you when you approach 500 kWh in a month.

TED can show you how to reduce your electric bill. By reducing your electric consumption, you are personally contributing to a greener earth by using less diesel fuel. That is money in your pocket, and you can do it without depriving yourself. Turn off the lights, unplug the coffeepot and all those phone chargers, replace incandescent bulbs with compact fluorescents, keep the freezer full—air takes a lot of electricity to cool—and enjoy the cash benefits of energy efficiency!

Until next time,

**Meera Kohler**  
President and CEO