

## USING THE INTERNET TO STAY INFORMED ABOUT ENERGY

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A new tool, the INTERNET, has arrived on the scene to help everyone who has anything to do with energy: the energy user, the utilities, the equipment manufacturers, energy management firms, and energy brokers. The INTERNET is useful to the same degree for both large companies and small, one person or a Fortune 500 business. What is the INTERNET? It is a powerful communications tool whereby anyone can contact anyone else, worldwide, to either provide or retrieve information. Using the existing telephone system, a computer with modem and proper software, and a connecting source, called a server, an individual can retrieve any information, including energy information, that exists on the INTERNET in a site called a "home page". A "home page" or "Web page" is the INTERNET presence of a company or person, written in HTML computer language, that describes in words and pictures whatever it is that its owner wishes to display about him/her/itself.

The INTERNET can be likened to an electronic worldwide encyclopedia or "yellow pages" that is constantly growing and being updated. It is fast and it is cost effective. Its benefits include news groups, e-mail, file transfers, and, its greatest benefit, information access through "home pages". "More than just displaying product information, the INTERNET will become a product source itself", says William Smith of Elite Software. He also believes that manufacturers could see increased sales from the INTERNET alone.

Building a "Web page" can cost thousands of dollars or practically nothing but it is important to have references from other "home pages" on the Web that are compatible with the typical 14.4 baud modem. According to Webcrawler, Web pages have grown from about 3,000 in April 1994 to about 53,000 in September 1995. Free on-line subject searchers, like Webcrawler, Yahoo, Lycos, and others, can match information seekers with Web pages containing the required information.

The goal of this paper is to strike a spark of interest in and encourage the use of the INTERNET by everyone not already using it and to provide a list of energy homepages with which one may start gathering energy information. As time has progressed in the finalization of this paper, more energy sites are being added at an increasing rate. I am trying to keep up with them and I would ask that, as you use the INTERNET and begin to gather your own new energy sites, you would e-mail me those new sites. Until the number of sites grows too large, I will gather and organize all of them and list them in a paper or session notes for the next symposium in 1997. My INTERNET e-mail address is [jnp@unicomp.net](mailto:jnp@unicomp.net).

## ENERGY HOMEPAGES

### Government:

DOE EREN - Energy Efficiency.....[http://www.eren.doe.gov/ee-cgi-bin/ee\\_eeff.pl](http://www.eren.doe.gov/ee-cgi-bin/ee_eeff.pl)  
 Department of Energy Home Page.....<http://www.doe.gov/>  
 DOE Energy Efficiency & Renewable Energy Network.....<http://www.eren.doe.gov/>  
 Energy Information Administration Home Page.....<http://www.eia.doe.gov>  
 Environmental Protection Agency WWW Server.....<http://www.epa.gov/>  
 Affordable Comfort.....<http://beijing.dis.anl.gov/cavallo/affdcmft.html>  
 Alternative Fuels Data Center.....<http://afdc.nrel.gov>  
 Berkeley National Laboratory.....<http://eande.lbl.gov/EE.html>  
 California Energy Commission.....<http://www.energy.ca.gov/energy/homepage.html>  
 EEO.....<http://www.bre.co.uk/bre/otherprg/eeobp>  
 Texas A&M Energy Lab.....<http://www-esl.tamu.edu/>  
 Energy Science & Technology.....<http://www.doe.gov/html/osti/estse/estse.html>  
 DOE.....<http://web.fie.com/web/fed/doe/>  
 EPA.....<http://www.epa.gov/>  
 Energy Partnership.....<http://www.eren.doe.gov/ee-cgi-bin/ccap.pl>

### Utilities:

Energy One.....<http://www.energy1.com/>  
 Enserch (Lone Star Gas).....<http://www.enserch.com/>  
 Brooklyn Union.....<http://www.bug.com>  
 Delmarva Power & Light.....<http://www.delmarva.com/delmarva/delmarva.html>  
 EPIN.....<http://epin1.epin.ie>  
 Southern California Edison.....<http://www.sce.com>  
 Utility Data Institute.....<http://udidata.inter.net/udidata>

### Energy Information:

Residential Energy Audit.....<http://www.deltaweb.com/easy>  
 Renewable Energy.....<http://www.rmii.com/the Source/renewableEnergy/>  
 Alternatives BBS: Energy.....<http://www.alternatives.com/issues/environ/energy.htm>  
 District Energy.....<http://www.history.rochester.edu/de.htm>  
 Elsevier Internet Energy Catalog.....<http://www.elsevier.nl/catalogue/SA4/430/Menu.html>  
 Energy & Climate Info. Exchange.....<ftp://igc.ape.org/pub/ECIX>  
 Energy Federation.....<http://www.tiac.net/users/efi/>  
 Energy Source.....<http://crest.org/iris>  
 Energy Yellow Pages.....<http://www.ccnet.com/~nep/yellow.html>  
 Energy Online.....<http://www.energyonline.com>  
 Evaporative Cooling Demo.....<http://www.csupomona.edu/arch/ECDF>  
 National Energy Foundation.....<http://www.xmission.com/~nef/>  
 Nuke Home Page.....<http://nuke.WestLab.com/>  
 Oil & Gas Electronic Directory.....<http://www.popc.com/popc/>  
 The WWW Virtual Library for Power.....<http://www.ece.iit.edu/~power/power.html>  
 U of F - EADC.....<http://www.che.ufl.edu/EADC/>

**Manufacturers & Energy Companies:**

The TRANE Company.....	<a href="http://www.trane.com/">http://www.trane.com/</a>
Taco.....	<a href="http://www.taco-hvac.com">http://www.taco-hvac.com</a>
Setra.....	<a href="http://www.industry.net/setra.systems">http://www.industry.net/setra.systems</a>
York.....	<a href="http://www.york.com">http://www.york.com</a>
Johnson Controls (Visio Technical).....	<a href="http://www.visio.com">http://www.visio.com</a>
Elite.....	<a href="http://www.elitesoft.com">http://www.elitesoft.com</a>
Omega.....	<a href="http://www.omega.com">http://www.omega.com</a>
EcoElectric Corporate.....	<a href="http://www.primenet.com/~ecoelec/">http://www.primenet.com/~ecoelec/</a>
Electric Vehicle Sites on the Web.....	<a href="http://northshore.shore.net/~kester/websites.html">http://northshore.shore.net/~kester/websites.html</a>
Electrotek Concepts.....	<a href="http://www.electrotek.com/for_vlib">http://www.electrotek.com/for_vlib</a>
Energy Management in a Home.....	<a href="http://www.ionet.net/hsn/energy.shtml">http://www.ionet.net/hsn/energy.shtml</a>
Hagler Bailey Homepage.....	<a href="http://www.habaco.com/">http://www.habaco.com/</a>
Power Project Financing.....	<a href="http://slip-2.slip.net/~ppf/">http://slip-2.slip.net/~ppf/</a>
Proctor Engineering Group.....	<a href="http://nbn.nbn.com/energy/">http://nbn.nbn.com/energy/</a>
Sierra Consulting Corp.....	<a href="http://www.ns.net/users/srupp/scchome.html">http://www.ns.net/users/srupp/scchome.html</a>
TDH Associates.....	<a href="http://www.expressnet.com/tdhassoc/index.html">http://www.expressnet.com/tdhassoc/index.html</a>
The Gorby Files.....	<a href="http://www.halcyon.com/alancrab/re.page.html">http://www.halcyon.com/alancrab/re.page.html</a>

**Associations:**

Institute of Gas Technology.....	<a href="http://www.igt.org/">http://www.igt.org/</a>
Illuminating Engineering Society of North America.....	<a href="http://www.AECNET.com">http://www.AECNET.com</a>
ASHRAE.....	<a href="http://www.ashrae.org">http://www.ashrae.org</a>
ARI.....	<a href="http://www.ari.org">http://www.ari.org</a>
AESP.....	<a href="http://www.dnai.com:80/AESP/">http://www.dnai.com:80/AESP/</a>
ICGTI.....	<a href="http://www.gasinfo.dk/gasinfo/">http://www.gasinfo.dk/gasinfo/</a>
IEA Solar Heating & Cooling.....	<a href="http://www-iea.vuw.ac.nz:90">http://www-iea.vuw.ac.nz:90</a>
ISES.....	<a href="http://www.ises.org/">http://www.ises.org/</a>
IGSHPA.....	<a href="http://www.igshpa.okstate.edu/default.htm">http://www.igshpa.okstate.edu/default.htm</a>
NERC.....	<a href="http://www.nerc.com/">http://www.nerc.com/</a>

**Environmental:**

Environmental - All Links.....	<a href="http://aazk.ind.net/Environment.html">http://aazk.ind.net/Environment.html</a>
Environmental Sites on the Internet.....	<a href="http://www.lib.kth.se/lg.html">http://www.lib.kth.se/lg.html</a>
Environmental Support Solutions.....	<a href="http://www.environ.com">http://www.environ.com</a>
Tellus Inst.for Environmental Strategy.....	<a href="http://www.channell.com/users/tellus/tellus.html">http://www.channell.com/users/tellus/tellus.html</a>

**Miscellaneous:**

Welcome to OEMeneregyWEB.....	<a href="http://bbs.pnl.gov.2080/oem/">http://bbs.pnl.gov.2080/oem/</a>
Natural Gas and Oil Contract Information.....	<a href="http://apollo.osti.gov/html/eia/list2a.html">http://apollo.osti.gov/html/eia/list2a.html</a>
GasWEB Home Page.....	<a href="http://www.gasweb.org/gasweb">http://www.gasweb.org/gasweb</a>