SEDAC NEWS

NEW APPLICATION PROCESS FOR SEDAC SERVICES
The Illinois Department of Commerce and Economic Opportunity has published a new brochure incorporating an easier application form for SEDAC services. The application form is attached to this newsletter. The application can be submitted by mail, fax, email, or online submission. You can download the new brochure at: www.sedac.org/pdf/SB$E_Brochure.pdf. To request printed brochures, contact Andrea Reiff at: andrea.reiff@illinois.gov or 217/785-0164.

NEED HELP FINDING AN ENERGY SERVICE PROVIDER?
GO TO SEDAC’S SERVICE PROVIDER LIST
In order to assist Illinois small businesses find energy contractors, SEDAC maintains a list of Pre-Qualified Service Providers. You can find the list on our website: www.sedac.org. Hover your mouse on SEDAC INFORMATION and click on SERVICE PROVIDERS. There you will find a list of pre-qualified GEOTHERMAL HEAT PUMP AND OTHER HVAC CONTRACTORS, ENERGY ANALYSTS, AUDITORS INSPECTORS, AND SIMULATORS (includes Test & Balance, Blower Door Testing, Building Commissioning), LIGHTING CONTRACTORS, SOLAR/PHOTOVOLTAIC CONTRACTORS, SERVICE PROVIDERS FOR OTHER SUSTAINABLE BUILDING UPGRADES, FINANCING ASSISTANCE CONSULTANTS.

NEW ELECTRICAL RATES
The Illinois Legislature Fall Veto Session ended with no action impacting the expected electrical rate increases. After the first of the year, electrical costs will be comprised of two parts – a delivery charge and an energy charge. The delivery charge is set by the utility’s negotiations with the Illinois Commerce Commission (ICC) and depends on the type of service you have. The energy charge will be the same state-wide for residential and small commercial customers and has a final blended price of $0.06376 per kilowatt hour. The major regulated utilities have bill estimator tools on their internet sites where you can obtain an estimate of your next year’s electrical prices. Ameren customers can go to https://www2.ameren.com/RateEst/Disclaimer.aspx A handbook for commercial and industrial customers is at http://www.ameren.com/IILChoice/ADC_CC_NonResCustHb.asp Commonwealth Edison customers can go to http://www.exeloncorp.com/ourcompanies/comed/comedbiz/energy_rates/ratecalc.htm to get the estimates. ComEd’s business handbook is at http://www.exeloncorp.com/ourcompanies/comed/comedbiz/energy_rates/Brochures.htm
To participate in the SB$E program, please contact us at: (800) 214-7954 or info@SEDAC.org

Smart Energy Design Assistance Center, 1 East St. Mary’s Road, Champaign, IL  61820

USEFUL LINKS

DSIRE - Database of State Incentives for Renewable Energy – http://www.dsireusa.org

The Speculative Side

Back in August, when natural gas wholesale prices were about $0.60 per therm, two SEDAC staff members (let’s call them Tom and Ben), put together their guesstimates of what the average wholesale price for natural gas would be in October, November, and December of this year.

The graph below shows the results so far. What do you think the average January wholesale price will be? We will average all reader responses and show the results in February.

email ben@sedac.org with your guess.

WINTERIZING TIPS

Colder weather is coming and energy prices are on the rise. Find out how you beat the cold and rising prices by making your business or residence more energy efficient – visit the following SEDAC recommended sites:

www.keepwarm.illinois.gov
www.energysavers.gov
www.energystar.gov
www.SEDAC.org

You can find a Do-it-yourself Home Energy Audit at http://hes.lbl.gov

SEDA news

SEDA news

SEDA HAS IDENTIFIED POTENTIAL ENERGY SAVINGS OF $4.3 MILLION

To date, over 230 Illinois businesses have received design assistance under the Small Business Smart Energy (SB$E) Program. The Illinois businesses served have more than 5,000 employees and comprise a representative geographical cross section of the state - see map for client distribution. A list of clients served by the program can be found at SEDAC.org. 89 of the businesses served received quantitative energy analyses from SEDAC which suggests that, with an additional first-year investment of $18,200,000 these businesses could accrue annual energy cost savings of almost $4,300,000.

For a project life of 20 years, this translates into a 27.2 percent rate of return on investments made. At a 10 percent discount rate, the energy cost savings represent almost $19,900,000 in net present value terms. From a business perspective, the recommended projects yield $118,124 in positive monthly cash flow ($358,040 in monthly savings minus $239,916 in loan payments if financed for 10 years at 10 percent).

The savings identified in these projects can have a considerable impact on the State of Illinois’ economy. If implemented, the recommended energy cost reduction measures (ECRMs) could help the participating Illinois small business owners reduce their monthly operational expenditures by $358,040. The $4,300,000 in projected energy cost savings (estimated with energy costs at the time each individual project was conducted) may then be used to help these small businesses expand operations and create job opportunities—improving their ability to compete in the global marketplace.

SEDA’s ENERGY PROJECT ECONOMICS CALCULATOR IS NOW LIVE AT SEDAC.ORG

Perhaps you have been planning to make your business more energy efficient but have balked at the initial cost of energy efficiency improvements. Now you can see exactly what those costs will mean to your bottom line by using SEDAC’s new tool to calculate the return on your investment. The tool will review economic indicators such as Net Present Value (NPV) and Internal Rate of Return (IRR) and help you decide if tomorrow’s savings is worth today’s investment. Examination of monthly loan payments and cash flows can establish the practical viability of an investment option.

WAL-MART IS GOING GREEN

The world’s largest private purchaser of electricity and the nation’s second largest fleet of trucks is striving for increased efficiency and conservation. Wal-Mart’s new sustainability plan seeks to increase the efficiency of its vehicle fleet by 50% over the next ten years and reduce energy demands in their facilities by 30%.
Small Business $mart Energy Program Application

Company ______________________________
Address ______________________________
City ___________________ State _________ Zip________
Contact name ______________________________
Phone (____) __________________ Fax (____) __________________
E-mail ______________________________
Project name ______________________________
Project location ______________________________
City ___________________ County_________________ State _____ Zip________
Construction type:   ☐ New   ☐ Addition   ☐ Renovation   Square Footage: _________
Number of employees (this location / all locations): _________ / _________
Utility costs (existing facilities only): natural gas $__________ per year
Electric $__________ per year, other (specify) $__________ per year
Utility company/companies serving location: ______________________________
Are copies of utility bills available for 12 months?   ☐ yes   ☐ no
Are preliminary design drawings or as-builts available?   ☐ yes   ☐ no
Proposed construction start date / completion date _________________________ / _________________________
Project financing secured?   ☐ yes   ☐ no   Projected project cost $__________
Description of project ______________________________

Referred by: ______________________________

Applicable Design Information

Architectural firm ______________________________ Contact name ______________
Phone (____) __________________ E-mail __________________

Mechanical engineering firm ______________________________ Contact name ______________
Phone (____) __________________ E-mail __________________

Electrical engineering firm ______________________________ Contact name ______________
Phone (____) __________________ E-mail __________________

Design/build firm ______________________________ Contact name ______________
Phone (____) __________________ E-mail __________________

For SEDAC services, please fax this completed form to SEDAC at: 312-264-2379 (fax) or mail a copy to:
Andrea Reiff, 620 E. Adams St., Springfield, IL 62701.
For questions, call Andrea Reiff at 217-785-0164 or the Smart Energy Design Assistance Center at 800-214-7954.
This form can be accessed electronically at www.sedac.org