



City of Ansonia

253 Main Street
Ansonia, Connecticut 06401

RECEIVED FOR FILE

13 JUN 17 PM 3:14

Madelaine H. Bottone

TOWN AND CITY CLERK
ANSONIA, CONNECTICUT

ENERGY IMPROVEMENT DISTRICT BOARD

June 12, 2013

Special Meeting

Present: Frank Tyszka, Chairman
Steve Blume – arrived 6:08 p.m.
James Prestiano

Absent: David Knapp

Others Present: Mayor James Della Volpe
Kevin Blake, Corporation Counsel
Gary Hale
Charles Stowe, 2nd Ward Alderman - arrived 6:05 p.m.

The Special Meeting of the Energy Improvement District Board was called to order at 6:00 p.m. by Chairman Tyszka.

All present rose and pledged Allegiance to the Flag.

The secretary called the roll. There was a quorum present.

Chairman Tyszka said he would like to introduce Brendan McMullin to give his presentation on Demand Response savings because Mr. McMullin has to travel to Massachusetts.

Brendan McMullin
Comverge
1 Rounder Way Suite 225
Burlington, MA 01803

Mr. McMullin said he is here this evening to explain to the members of the Energy Improvement District Board what Demand Response is all about. Interlock was a large business but they no longer participate in Demand Response. The retained cap is 20 megawatts to enroll as a new member. The wastewater and clean water treatment plants benefit from this system. He said he met with Brian Capozzi and Mr. Capozzi referred him to Mr. Hale who has the expertise on energy. He explained they service other facilities and ISO (Independent Systems Operators) insure there is enough electricity. New England has enough electricity after deregulation in the market place. Different generation stations bid into the market to supply the electricity.

Mr. McMullin said Demand Response relieves the stress on the grid during high volume use periods. They contact with the client and reduce the consumption to take the load off the grid. He explained that Comverge manages the reduction of consumption of electricity for the municipality. He said they have a reliable electric grid and events are very rare. They have never been more than ten hours for a call. The facility is on call from 7:00 a.m. to 10:00 p.m. Monday through Friday. He said to transfer usage to generation is not their responsibility. Their sole responsibility is to reduce consumption.

Chairman Tyszka asked if they manage that part of the system.

Mr. Hale asked if someone is trained to do this once the call is made to reduce the consumption.

He said with the Water Treatment plant they would switch to the generator to generate power during this period.

Mr. Prestiano said that every major building in Ansonia has an EMS system – every Town should have one. The EMS (energy management system) should be a programmable part of the facilities.

Mr. Hale said that every building would agree to curtail the use of electricity in exchange for what?

Mr. McMullin said they would work it out – 85% of the revenue would go to the City and 15% covers costs. The minimum requirement would be a 1 kilowatt drop in use. The limiting factor is the equipment. ISO New England would need data, base line consumption. They would see the use and based on that Comverge would get paid. 340 kilowatts would equal \$9,000 a year for the Water Treatment Plant.

There was discussion on other facilities that generate a large use of electricity. Mr. McMullin discussed the use of air conditioners that have chillers and the savings. He said that the facility has to generate enough power to enroll in the program.

Mr. Prestiano asked how much notice is given to the facilities.

Mr. McMullin said usually a half hour notice is given. There is a robo call that goes out notifying the facility that they must begin their demand response system. They run a tight

schedule and everything is monitored. There must be trained personnel that would be able to handle any calls and emergencies.

Chairman Tyszka said this is recommended for the Water Treatment Plant.

Mr. Hale said the cost to the City of Ansonia for this system is nothing. It is free at no cost to the City because they run the electricity around New England.

Chairman Tyszka said the City will save \$9,000 a year.

Mr. Hale said the City can do this system wide because summer is coming and there will be a lot of electricity generated.

Mr. Blake asked if Comverge will conduct an audit of our electric use.

Chairman Tyszka said that they are planning a solar plant at Mead School and this may impact the usage of electricity.

Mr. Hale said summer is here and they have a deadline.

Mr. McMullin said the deadline is now.

Mr. Hale said again, the City of Ansonia doesn't pay anything for this. There will be C power for one year.

There was discussion on the total electric usage during the summer of 2006 when it was real hot and there was a lot of electricity used.

Mr. Prestiano said they will pay us for not using electricity. He said this is a "no brainer" because knowing we will receive calls to reduce the electricity and shed the power load on the grid. He asked what is needed to get on a program like this because we don't know what else we have for them other than the Water Treatment plant. Normally the utility company calls the customers to ask them to reduce their power consumption when there is an overload.

Mr. Prestiano asked what do we have in place from a facility to reduce the power and what process do we have to reduce power?

Chairman Tyszka said there are three facilities – Public Works, Board of Ed and WPCA Plant.

Mr. Prestiano asked who would manage these facilities with regard to reducing the power.

Mr. Hale said we would reduce the City's bill.

Chairman Tyszka said we could do the WPCA plant.

Mr. Prestiano made a motion to enter into a partnership with Comverge as the City of Ansonia's curtailment service provider. Mr. Blume seconded.

There was discussion:

Mr. Blume asked who is on the City's side.

Mr. McMullin said there is an Energy Engineer who will do the audit and protocol and work with the manager at the Facilities to come up with a Plan that is attainable. He said energy reduction is two things:

1. Technical: Several relatively new technical systems will be used. Comverge has technicians to install and to cycle the units which reduces overall peak demand and reduces the rate for the whole year.
2. Buying electricity on the Index. If the product uses cooling units and chillers and pre-cools that is one way of handling high usage – there is a pilot program just beginning to handle this.

Chairman Tyszka asked if Comverge will have a representative here to discuss this aspect of the system.

Mr. McMullin said no whomever authorizes the signature will be the contact person. He said he will meet with Brian Capozzi and his staff and get the information that is needed for this system and he will contact the right people. This will be within two weeks.

Mr. Hale said the City of Ansonia doesn't pay anything for this service. The City of Ansonia will be paid.

Mr. McMullin said that he has called for the test or event LMP (Local Module Price) to participate in the program. He said if there are any questions the members can get them to him and he will get an answer. He thanked everyone for their time.

Mr. Hale said we were doing this process with C-Power and they are no longer participating. There is no risk to the City and the City will make money.

Chairman Tyszka called for a vote on the motion. All in favor, so carried.

Public Session

Chairman Tyszka asked if there was anyone from the public who wished to address the Commission. He asked three times. There being no one, Chairman Tyszka closed the public session.

En-Power Group – Authorization to obtain pricing for electric generating services from licensed electric suppliers

Mr. Hale said that the Board has this already authorized this and En-Power is out in the market place getting prices to replace the electric power. He said he will report back to the Board in July.

Mr. Prestiano asked about the energy audit that was being done.

Mr. Hale said that Michael Scorrano did a comprehensive audit two years ago December and there are recommendations. Due to the new energy laws they have to read the new laws.

Mr. Hale said that since the Energy Improvement Board began they haven't spent any money but they have saved the City money. He said they will read through the laws and match them up with the audit recommendations. He said he recommends an energy performance contract if the City has enough energy savings to qualify.

There was discussion on putting out an RFQ to have companies like Honeywell and Seamans look at the audit, tour the buildings and based on the electric bill suggest ways of saving money for energy. They would have to make recommendations and look at the incentives.

Mr. Prestiano said anything is good to look at. He said Mr. McMullin is doing this to get business and we have to agree on the hours of operation. We have to make sure on everything and we have to agree to it. We've done a lot of stuff and the audit will allow him to look at the costs. He asked about the new lights on Main Street and why they were not working.

Mr. Hale said that he talks to U.I. all the time on street lights. There is no incentive for them to change the light bulbs to more efficient ones.

Mr. Prestiano said hire a company to audit the City's street lights. Utilities have their share in mistakes in billing. We all make mistakes in billing. In some instances there were street lights removed and the billing continues.

Mr. Hale thanked Mayor Della Volpe for all he has been doing to make Ansonia more energy efficient and for working with EID in this effort.

C-Pace-Agreement (Resolution)

Mayor Della Volpe said the Y.M.C.A. is looking into this agreement. It has to be approved by the City, the Energy Improvement District Board and the Board of Aldermen so that they can participate in it. The City and the Board of Aldermen have to sign off on it and then the Y.M.C.A. can participate. The City has nothing to do with it. It is a State of Connecticut program.

Mr. Hale asked what they need.

Mayor Della Volpe said the Y.M.C.A. needs it and asked if the City could support them. He said he feels the City should support them.

Mr. Blake said that it came from the State of Connecticut. It is a State program.

Mr. Blume made a motion to recommend that the Board of Aldermen approve this C-Pace Agreement (Resolution). Mr. Prestiano seconded. All in favor, so carried.

Audit recommendations - Michael Scorrano

Mr. Hale said that Mr. Scorrano is working on these and he will have a report in July.

Update on Green Energy

Chairman Tyszka asked if there will be a final recommendation for the Anaerobic Digestive Plant.

Mr. Blume said that it is currently at the State of Connecticut.

New Business

Mr. Prestiano suggested that Mayor Della Volpe contact United Illuminating regarding the new street lights on Main Street and ask them when they will be put into use.

Mayor Della Volpe said he will contact them tomorrow.

Minutes

Mr. Prestiano made a motion to accept as written and place on file the minutes of the March 13, 2013 Special Meeting. Mr. Blume seconded. All in favor, so carried.

Bills

Mr. Prestiano made a motion to pay all bills if found to be correct. Mr. Blume seconded. All in favor, so carried.

Correspondence

Mr. Blume made a motion to accept all of the correspondence received, dispense with the reading and place them on file. If a member requests any other correspondence read or acted

upon the correspondence will be brought up individually. Mr. Prestiano seconded. All in favor, so carried.

1. EcoSmart Home Services re: Reducing energy consumption.
2. Kevin Blake re: Commercial Property Assess Clean Energy Agreement. Dated 5/24/13
3. Brendan McMullin, Comverge re: Demand Response Service

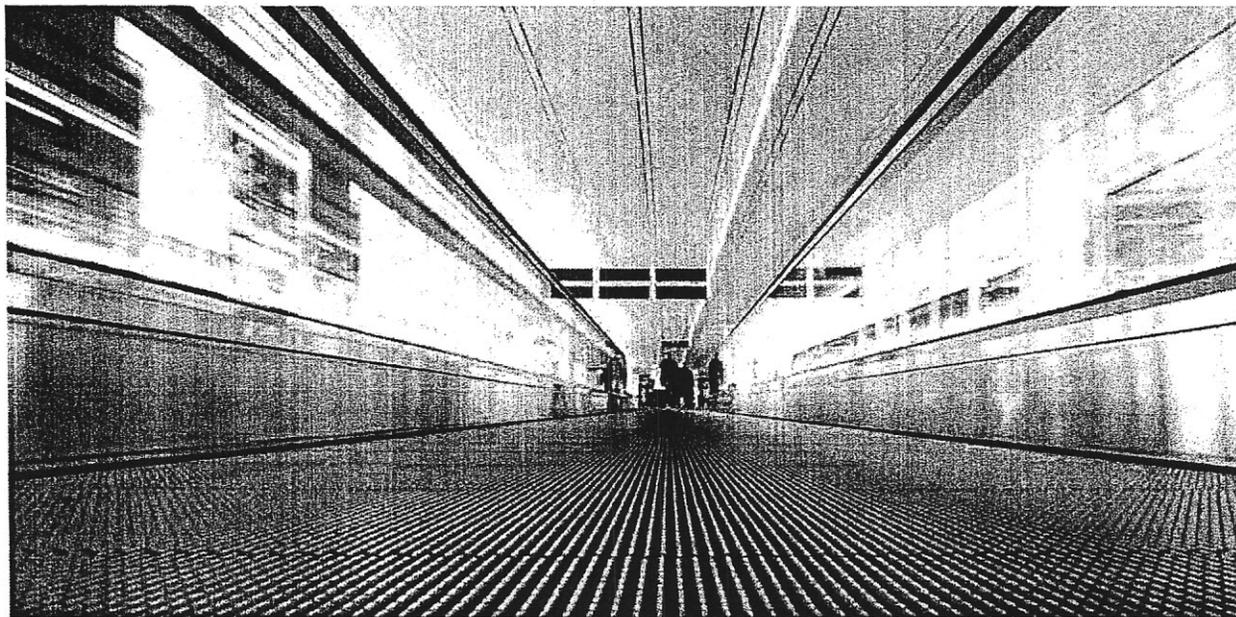
Adjourn

Mr. Prestiano made a motion to adjourn the Special Meeting at 6:55 p.m. Mr. Blume seconded. All in favor, so carried.

Respectfully submitted,


JoLynn Flaherty
Secretary

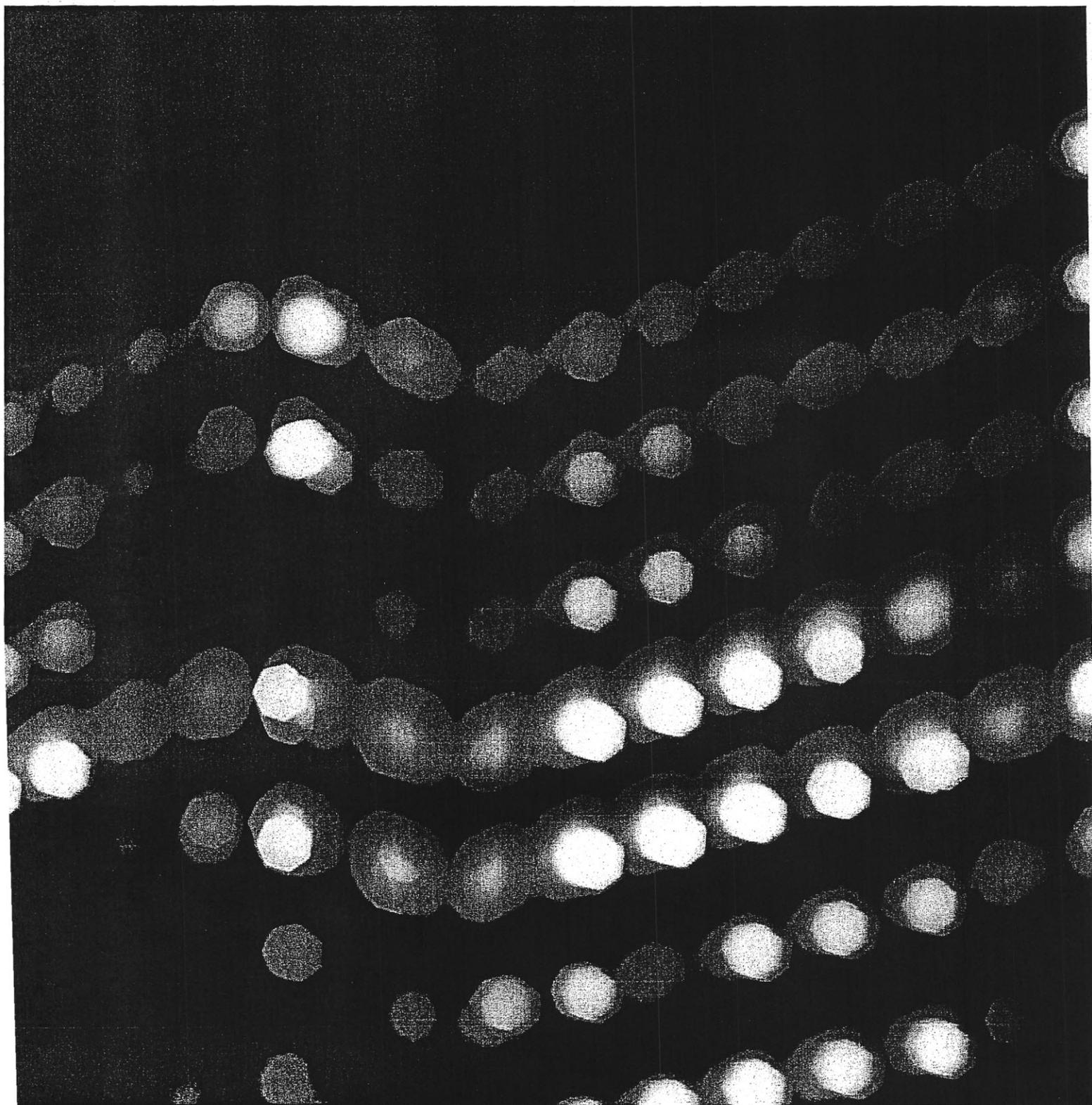
comverge



Intelligent energy solutions

for today's and tomorrow's significant energy
management challenges





The growing inefficiencies of today's power grid and the increasing complexities of smart grid technologies affect us all, from energy providers, to commercial and industrial customers, to residential consumers.

A dynamic new approach to energy management is necessary – one that combines the proven energy management platforms of today with more sophisticated solutions for tomorrow. Only Converge provides the industry knowledge and end-to-end solutions that can optimize today's outdated grid – while transitioning directly to a future of renewable and regulated energy and cost-effective energy use.

These are challenging times.

It's been said that while Alexander Graham Bell would have no idea what to make of a modern smartphone, Thomas Edison would still recognize our energy grid. Our antiquated systems simply cannot balance supply with ongoing demand while meeting the needs of renewable energies and new technologies.

Intelligent energy management solutions provide the answer.

Evolving from the proven peak management techniques of demand response, intelligent energy management solutions empower the next generation of increased grid efficiency, reliability, and flexibility. Rather than firing up new production to react to peak demands, intelligent energy management solutions enable real-time, two-way communication between providers and consumers.

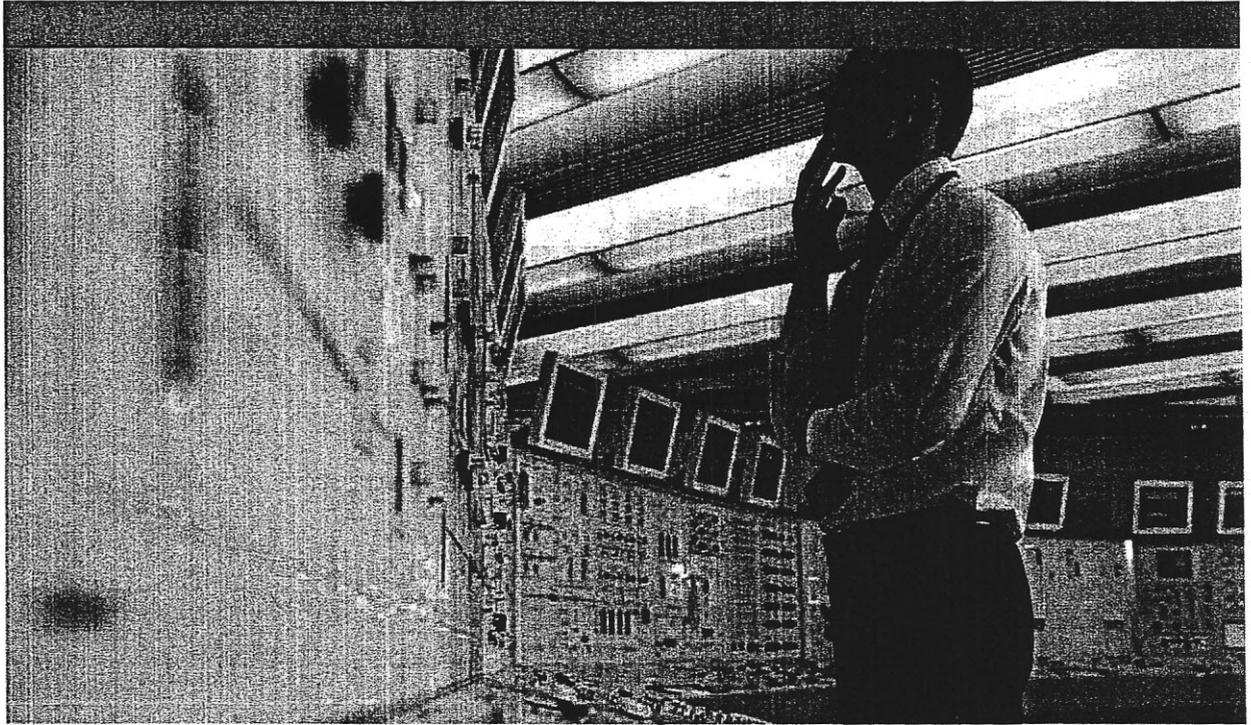
In short, intelligent energy management solutions supply the resources that are missing in today's energy mix, while providing the groundwork for more cost-effective energy consumption. This unique approach allows for the total insight and control needed to make informed decisions about usage – for predictability, verification, optimization, integration, interoperability with other energy systems, and distributed asset management.

Only Comverge offers the unrivaled expertise required to develop industry-leading solutions for intelligent energy management.

Comverge brings a 30-year history of innovation to its role as a leading provider of intelligent energy management solutions. With comprehensive offerings for all energy customers, including intelligent hardware, software, and services, Comverge is driving improved management across the grid by empowering real-time insight, analysis, and control of energy data.

That's intelligent energy management at work – born from our heritage in turning complex energy challenges into simple solutions. Our technology is in use across the nation, controlling thousands of megawatts of power and millions of residential devices.



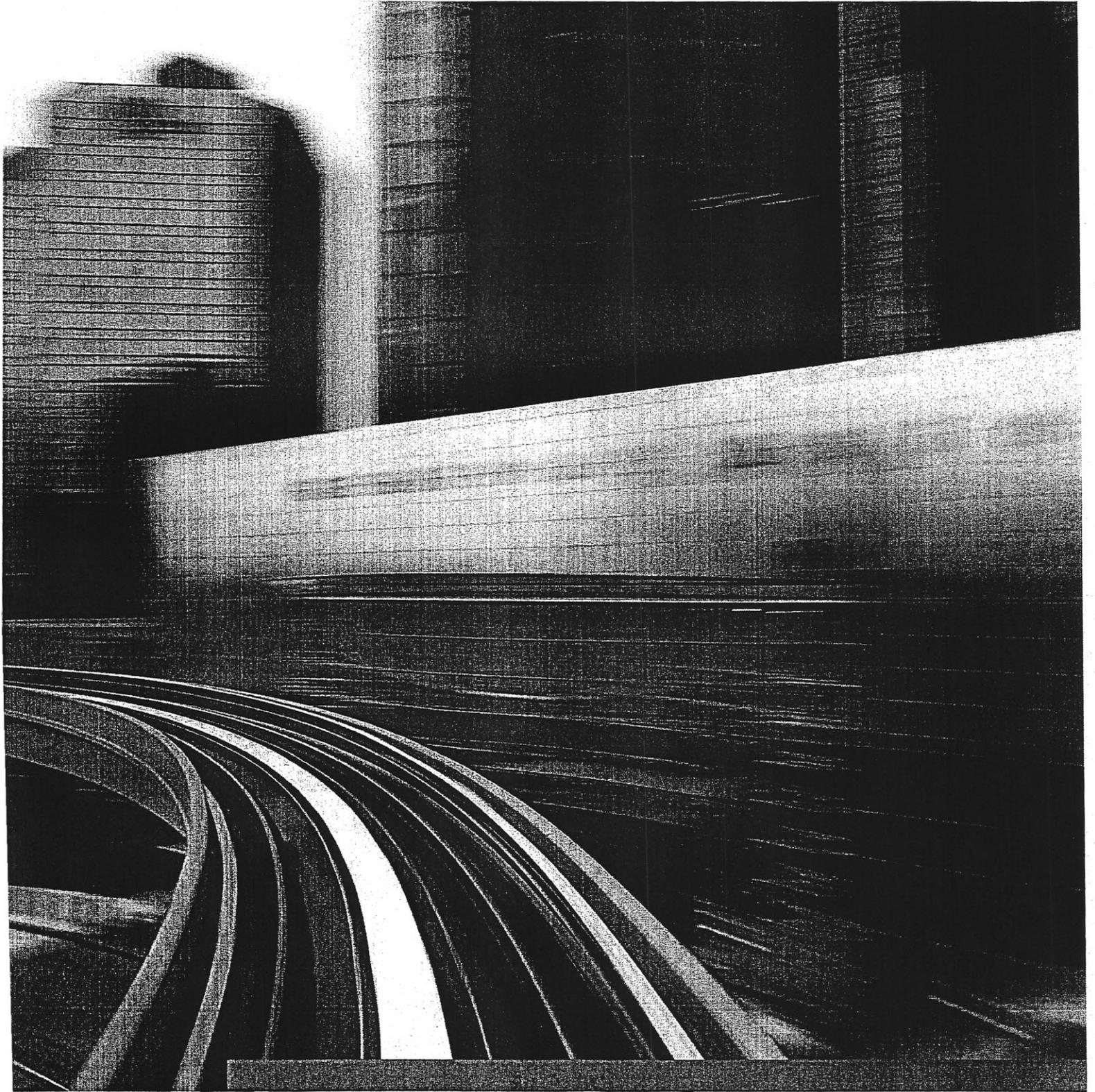


Optimizing usage across the grid.

With solutions that serve today's complex needs and empower an efficient, more intelligent smart grid of tomorrow, intelligent energy management solutions from Comverge supply end-to-end platforms for enhanced insight and control. Indeed, Comverge offers the industry's most comprehensive intelligent energy management portfolio of complete, turnkey solutions that comprise technology, services, and information management.

Through this portfolio of solutions – along with strategic planning programs, installation and call center access, full marketing support, as well as measurement and verification services – Comverge delivers clearer data and analysis that guarantees bottom-line and operational benefits for:

- Utilities
- Commercial and industrial (C&I) users
- Residential consumers





Solutions
for utilities

Balancing
supply and
demand.

Utilities face intense pressure to balance energy supply and demand while preparing for an ever-evolving smart grid. As the energy resource for an intelligent energy management platform, Comverge overcomes these challenges – improving how utilities predict and manage demand, optimize the grid, increase reliability, and decrease operating costs. Supported by state-of-the-art hardware and software together with industry-leading expertise, Comverge solutions include:

- Intelligent DemandSM – Cost-effectively and efficiently take energy off the grid at peak times.
- Intelligent SupplySM – Receive risk-free, increased capacity by taking load off the grid.
- Intelligent CustomerSM – Empower residential, commercial, and industrial customers to take control of their energy consumption.

Solutions for
commercial
and industrial (C&I)

Making
better energy
decisions.

Today's businesses all feel the complexity and unpredictability of energy management – one of their largest operational expenses. Rising costs, efficiency mandates, and renewable energy sources further compound energy management complexities. Comverge provides the resources C&I customers need to reduce consumption, lower environmental impact, optimize operations, and achieve significant cost savings with comprehensive solutions for intelligently managing energy today and far into the future:

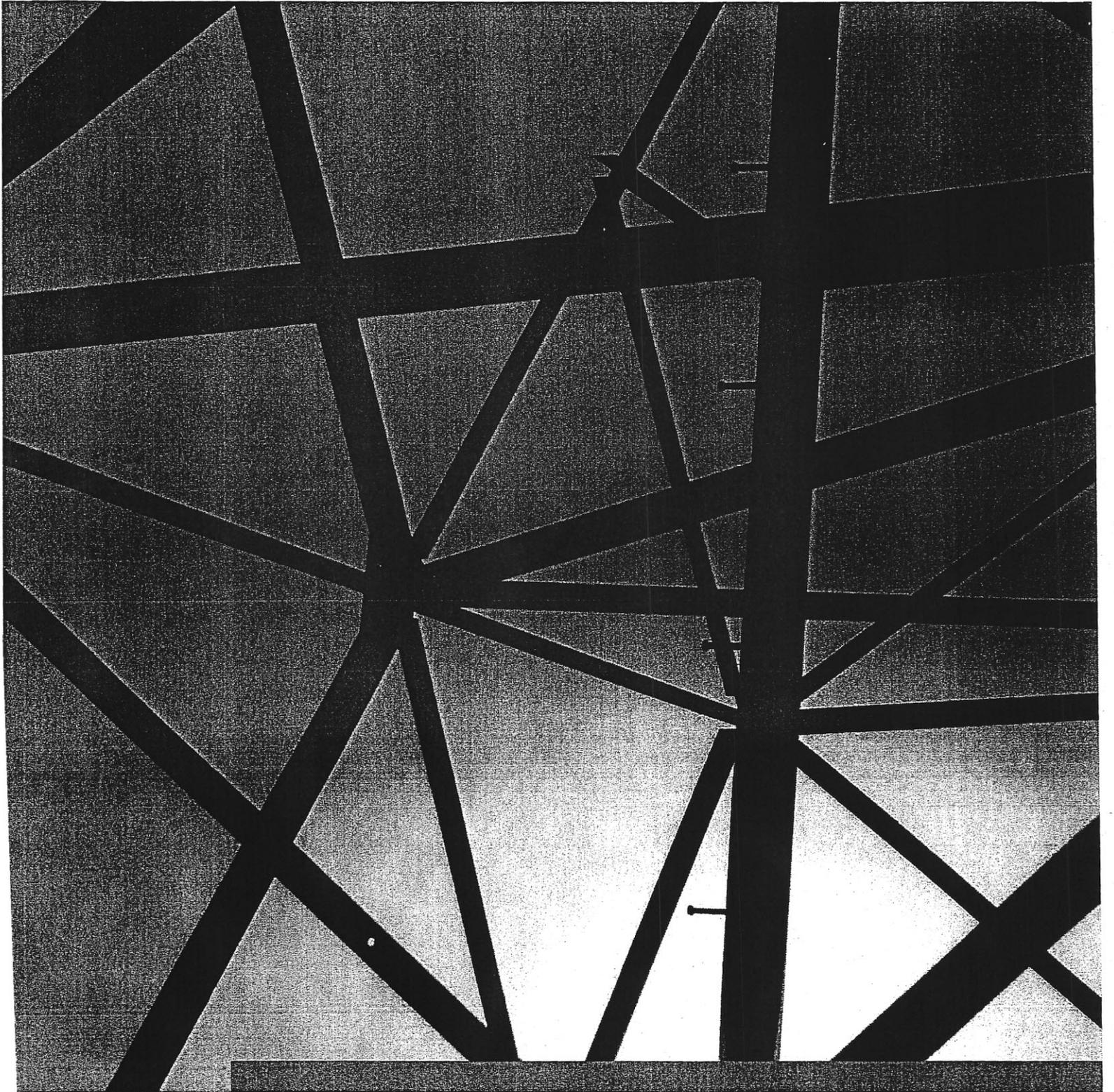
- Intelligent UserSM – Give energy back to the grid through a customized demand response program.
- Intelligent EfficiencySM – Plan, develop, and implement cost-effective energy efficiency strategies.

Solutions
for residential
consumers

Transitioning
customers
to the future.

Homeowners suffer the consequences of turbulent energy costs unknowingly – due to a lack of real-time insight into their consumption. With a full line of residential intelligent energy management technologies, Comverge gives homeowners the power to control usage, save energy, and noticeably decrease their energy costs. These tools deliver real-time and historic insights into consumption patterns, allowing customers to control their usage and take advantage of lower-cost, off-peak billing:

- IntelliTEMP™ – Gain control of energy use through dynamic programmable thermostats.
 - IntelliFOCUS™ – Monitor and manage usage in real time with an easy-to-read energy consumption display unit.
 - IntelliSOURCE™ web portals – Access historic insights into energy consumption patterns to maximize usage.
- 

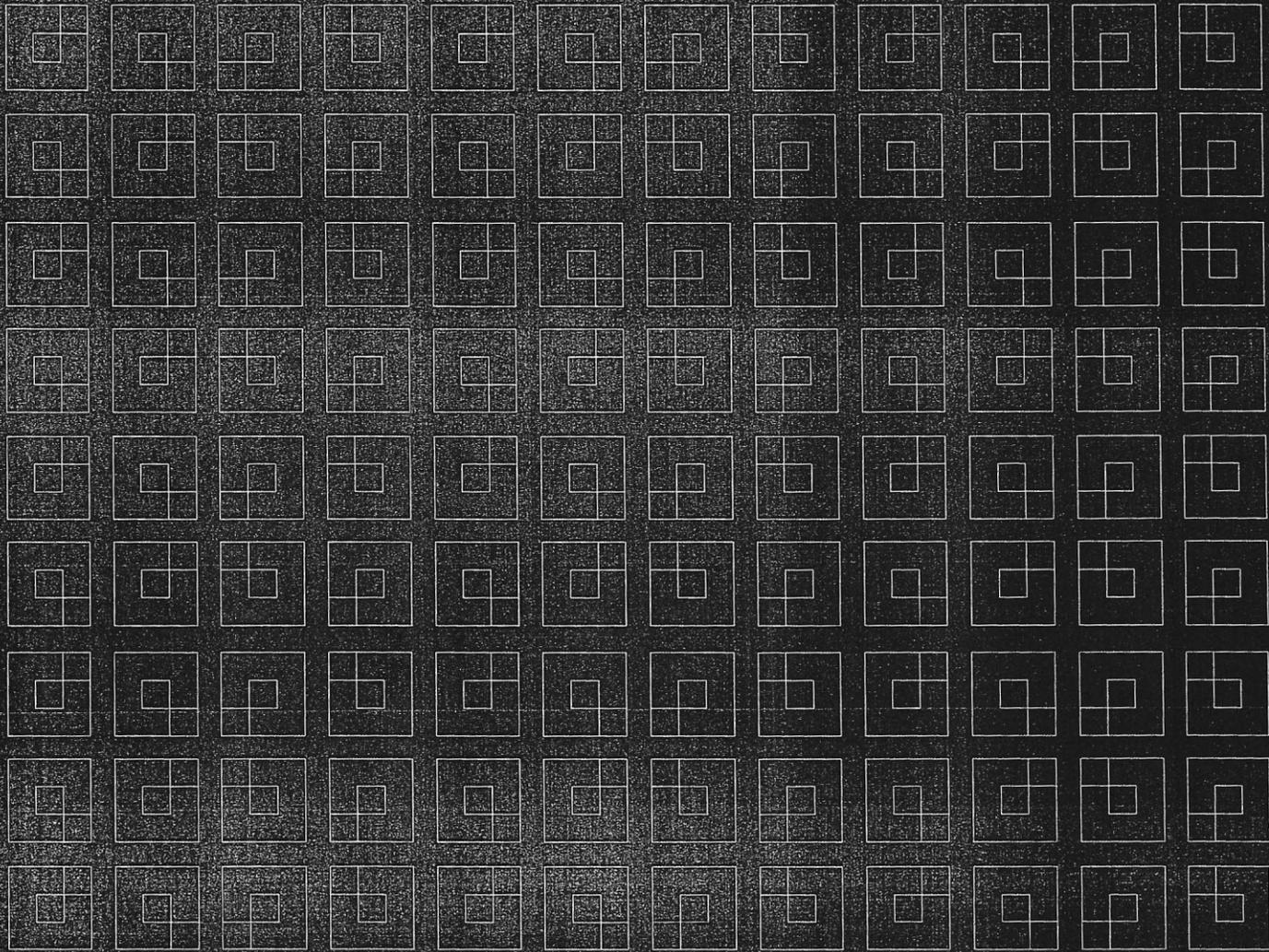




Benefits of partnering with Comverge – the leading provider of intelligent energy management solutions.

Comverge takes the risk out of implementing complex energy management programs by leveraging our deep understanding of customer challenges and requirements. With more than 500 utility and 2,100 commercial customers, and five million deployed residential devices, Comverge brings unparalleled industry knowledge and experience to offer the most reliable, easy-to-use, and cost-effective intelligent energy management solutions. Comverge delivers the insight and control that enables energy providers and consumers to optimize their power usage and meet peak demand through the industry's only proven, comprehensive set of technology, services, and information management solutions. For more information, visit www.comverge.com.





Corporate Offices

Georgia (Headquarters)
5390 Triangle Parkway
Suite 300
Norcross, GA 30092

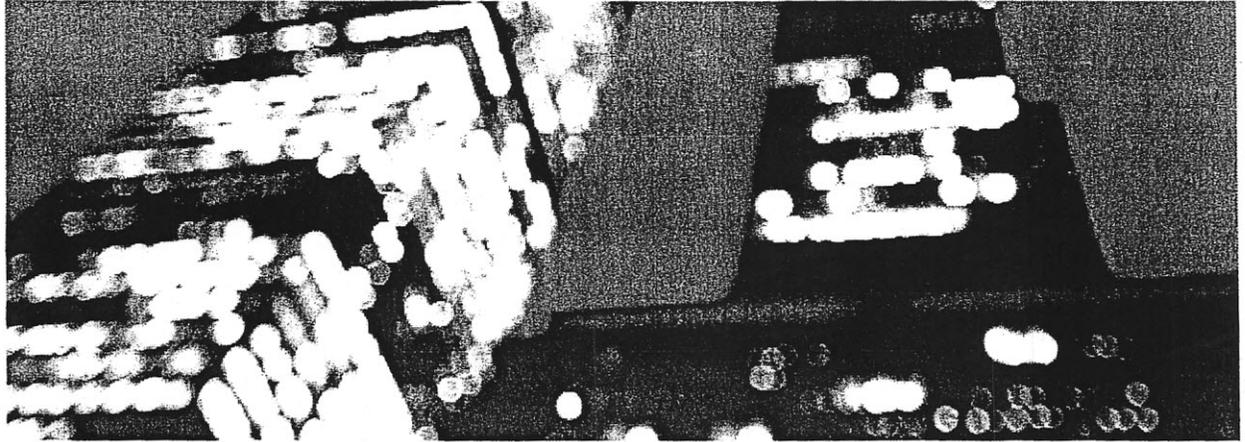
Colorado
11001 W 120th Avenue
Suite 240
Broomfield, CO 80021

New Jersey
120 Eagle Rock Avenue
Suite 190
East Hanover, NJ 07936

Pennsylvania
511 Schoolhouse Road
Suite 200
Kennett Square, PA 19348



www.comverge.com | 888.565.5525 | © 2010 Comverge, Inc.



New England

How Comverge's Demand Response services can help your business

Overview

The ISO-New England (ISO-NE) Demand Response programs promote customer curtailment of electric consumption at critical times or in response to market prices. The Demand Response programs are designed to maintain the reliability of the grid and reduce the need for rolling blackouts. If ISO-NE calls a Demand Response Event due to peak electric demand in the region, commercial and industrial customers agree to shed their prescribed electric load for a given period of time. In return, program participants earn revenue from ISO-NE, whether an event is called or not. To ensure effectiveness, ISO-NE uses qualified Demand Response providers such as Comverge to administer the program.

Programs

Real-Time Demand Response (RTDR)

The Real-Time Demand Response Program promotes curtailment of load during a Peak Demand Event. Customers notified by Comverge are expected to decrease their electric load within 30 minutes and in turn, receive monthly compensation for agreeing to participate whether or not an Event is called.

Details

- ISO-NE pays a monthly capacity payment
- Customer must commit to 30 minute response time
- Requires real-time metering
- Standby generation allowed (per permit restrictions)
- Emergency program, requires mandatory performance

Transitional Price Responsive Demand (TPRD)

ISO-NE implemented a transitional program to comply with FERC Order 745. The TPRD program begins June 1, 2012 and allows a business to submit offers for price response. To participate, a business must:

- Be registered in the Real-Time Demand Response program
- Have at least 100kW single or aggregated load capacity
- Have metering installed at the retail delivery point

Under TPRD, the demand reduction threshold price (DRTDP) is posted to the ISO New England website approximately fifteen days before the start of the following month. Demand Reduction Offers must be at or above the DRTDP.

Demand Reduction Offers must be submitted into eMarket by the deadlines established for the Day-Ahead Energy Market

- Demand Reduction Offers consist of a single \$/MWh price (maximum of \$1000/MWh) and a single demand reduction amount
- Offers include a Minimum Interruption Duration defined in whole hourly increments between 1 and 4 hours
- Offers may also include a Curtailment Initiation Price
- The Curtailment Initiation Price is a fixed cost that must be recovered per interruption/start-up

Benefits

- Re-allocate your increased revenues to support your sustainability programs or to improve your bottom line
- Contribute to sustainability and reduce demand at critical times
- Assistance with development of load reduction strategy/methodology
- Monitoring market prices & demand on a 24/7 basis
- Initiation and termination of events
- Measurement & verification, analysis, calculations, payment and reporting

ISO-NE Real-Time Demand Response Program Summary

Eligibility	Load Drop or Generation
Participation	Mandatory: must respond to seasonal audits and events, when initiate
Minimum	100 kW (stand alone or aggregated load)
Notification	30 Minutes
Interruption Length	2-hour minimum
DR Availability (Hour Beginning)	Monday-Friday, 7:00am – 10:00pm
Capacity Payment	Yes
Metering Requirement	Retail metering at the Retail Delivery Point (RDP)
Performance Value (PV)	Based on actual PV during seasonal audit or event.
Payments Received	Monthly payments after seasonal audit or event performance.

Regional Office
 Massachusetts
 1 Rounder Way, Suite 225
 Burlington, MA 01803

Corporate Offices

Georgia
 5390 Triangle Parkway
 Suite 300
 Norcross, GA 30092

Colorado
 11001 West 120th Avenue
 Suite 240
 Broomfield, CO 80021

New Jersey
 120 Eagle Rock Avenue
 Suite 190
 East Hanover, NJ 07936

Pennsylvania
 511 Schoolhouse Road
 Suite 200
 Kennett Square, PA 19348

Brendan P. McMullin

bmcullin@comverge.com

(m) [617-653-3340](tel:617-653-3340)



NOTICE: This e-mail message is for the sole use of the intended recipient(s) and may contain confidential and privileged information.. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply e-mail and destroy all copies of the original message.

--

Gary Hale
Halloran & Sage Government Affairs
225 Asylum Street
One Goodwin Square, 18th Floor
Hartford, CT 06103
cell:860-944-9996
email:gahale17@gmail.com
website: <http://govaffairs.halloran-sage.com/index-2.html>