Next DTE Solar Array Will Be Built at Charitable Orion Plant

To say the sun's shining brightly over the GM Orion Assembly these days would be

just short of an overstatement. Buick Verano and Chevrolet Sonic, has the workforce busy, the President visited the factory a few months ago and just last week there was an announcement about a solar panel project.

That is, in a field next to the Orion plant, GM announced that it and its partners will soon host a solar array with enough capacity to annually power 45 homes in Michigan.

grid for use by area homes and vironment. This array rein- Orion on a two-acre parcel, fac- the energy used by 442 homes.

In total, the energy saved will be equivalent to avoiding 261 metric tons of CO2 from entering the atmosphere.

Anyway, GM and its partners, New product, including the including DTE Energy, hosted a shovel-in-the-dirt groundbreaking of this project in the empty fields just east and south of the Orion plant last week. "Last year, we committed to

doubling our global solar output at our facilities from 30 megawatts to 60, by 2015," said Mike Robinson, vice president - Sustainability and Global Regulatory Affairs at GM.

"We believe in harnessing energy from clean, renewable The energy from a planned resources because there is a 350-kilowatt array owned by solid business case to be DTE will be sent back to the made and it's good for the en-

The planned array is part of DTE Energy's "SolarCurrents" pilot program that calls for the installation of photovoltaic systems on customer rooftops or property during the next three years. The goal is to generate 15 megawatts of electricity throughout Southeast Michigan (via solar panels).

"'Solar Currents' builds on our long relationship with GM to help it become as energy-efficient as possible," said Trevor Lauer, DTE Energy vice president - Marketing & Renewables.

"Our partnership with GM is another example of how our companies work to build a more energy-efficient and sustainable future."

DTE will build the array at GM

The solar array is just the latest example of GM Orion's on-

going environmental efforts. Note that the auto plant is powered by gas from two nearby landfills, saving \$1.1 million per year and cutting the amount of sulfur dioxide and nitrogen oxides released into the air from plant operations. This also saves more than 6,300 tons of CO2 from

Also, lighting upgrades in the plant have saved \$575,895 in electricity costs while cutting back on CO2 by 5,003 metric tons through the use of software that allows plant employees to track energy usage in real-time to improve efficiencies. This is equivalent to

entering the atmosphere.



From left, DTE Energy Vice President - Marketing Trevor Lauer, GM VP - Sustainability and Global Regulatory Affairs Mike Robinson and GM Orion Plant Manager Steve Brock break ground.

GM Supports Charities in Oakland Communities

by Gerald Scott

Just as GM and DTE Energy announced a plan to develop a new solar array at the Orion Assembly Plant in Lake Orion, GM followed that news with a little philanthropic sunshine of its own, so to speak.

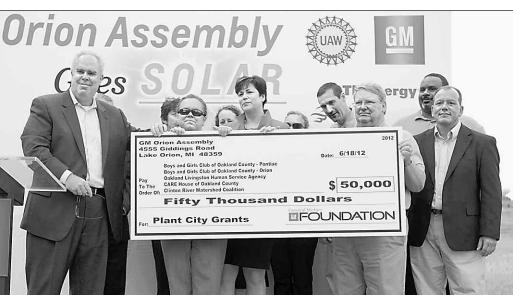
Open in Northern Oakland County since 1983, the GM Orion plant has traditionally been very involved in community and philanthropic activi-

At the Orion solar array news conference, GM also spread a little sunshine across the Oakland County charitable community.

That's because in partnership with Orion Assembly, the General Motors Foundation presented a total of \$50,000 to support organizations within the Lake Orion community that provides services and benefits for local family.

In total, the GM Foundation will provide more than \$1 million in funding grants to nearly 200 organizations in 43 plant cities across the country where GM employees live and work.

Through these grants, the GM Foundation is building stronger communities and en-



General Motors Vice President - Sustainability and Global Regulatory Affairs Mike Robinson, left, presents a \$50,000 check from General Motors Foundation to Lake Orion community organizations.

on's neighbors across North- work each day, it is where our profit organizations in GM eral Motors Foundation grant will support area charities, including the Oakland Liv-Human Service Agency; Boys and Girls Clubs of Southeastern Michigan (Pontiac and Orion/Oxford Clubs); Clinton River Watershed Council and the CARE House of Oakland County.

ern Oakland County. The Gen- families, friends and neighbors live," said Steve Brock, Orion Assembly Plant manag-

"The local organizations that we support are integral in its development, and we are proud to play a part in giving back."

Indeed, in addition to 2012 grants totaling more than \$1 "Lake Orion is not only million, the GM Foundation alriching the lives of GM Ori- where our employees come to so granted \$1 million to non- abilities to be more active.

plant cities in 2011, alone.

The General Motors Foundation's commitment continues as it works, in conjunction with employees, local leaders and community groups to continue to identify areas of need.

The grants will make possible activities ranging from opportunities for low-income, elderly, and persons with dis-

Brembo Coming to '13 Cadillac ATS

DETROIT - The all-new ventilated brake rotors measluxury sport sedan will take on the world's premier race tracks and proven on Cadillac bring it to the industry's most popular luxury segment.

who will benefit from compo-Ride Control suspension. Each has its own practical, real-world benefits.

"When we talk about the ATS having quick, nimble, fun-to-drive dynamics, we're talking about qualities that contribute to better safety and efficiency as well," said Don Butler, vice president of Cadillac Marketing.

"And thanks to Cadillac's advanced technologies, the ATS is a vehicle that's as comfortable as it is quick. It's a no-compromise luxury sport sedan."

When equipped with Brembo brakes, GM says ATS's estimated stopping distance from 60-0 mph of 129 feet is among the best in the class. On race tracks, that equates to less time spent in a slow corner; on public roads, shorter stopping distances can reduce the damage caused in a collision or prevent one altogether.

"Performance, safety and style are the trademarks of all high-performance Brembo brake systems, whether on the road or on the track" stated Dan Sandberg, president and CEO of Brembo North

"With the Cadillac ATS, we see a perfect example of how Brembo's advanced technology can be used to substantially improve the safety of what dition, say GM officials. is already a great performance luxury sedan.'

The ATS's Luxury, Performance, or Premium model destination charges. I packages will use front most well-known supplier, er assembly plant, one of

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2013 Cadillac ATS compact uring 12.6 inches in diameter.

Shorter braking distances race-ready technology tested are also aided by ATS's low curb weight, made possible by advanced materials and CTS V-Series vehicles and engineering techniques. At less than 3,400 pounds, ATS is more than 100 pounds lighter But it isn't just enthusiasts than a Mercedes-Benz C250 or an Audi A4. Lower weight nents like Brembo brakes and also equates to less work for segment-exclusive Magnetic the vehicle's engine and fewer stops at the gas pump.

> Magnetic Ride Control, a class-exclusive technology pioneered by Cadillac and adopted by automakers such as Ferrari brings on-demand suspension performance and comfort adjustments to any ATS equipped with the FE3 Sport Suspension package. With the push of a button, the car can transform from a sharp sports car to a comfortable luxury sedan, Cadillac officials say.

This duality is made possible, they say, by electronically controlled shocks filled with a magneto-rheological fluid containing minute iron particles.

Under the presence of a magnetic charge, the iron particles align to provide damping resistance almost instantly. Sensor input determines the amount of resistance required, varying the magnetic charge to optimize

damping. Magnetic Ride Control also uses sensors and processors to constantly study the road surface and make small adjustments in just one millisecond to fine-tune the suspension beyond the driver-selectable presets of "Tour," "Sport" and "Snow/Ice," ensuring an optimal ride-andhandling balance for any con-

The 2013 Cadillac ATS goes on sale this summer at a base price of \$33,990, including

Finally, it will be built at brakes from the industry's Cadillac's Lansing Grand Riv-

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EPA Awards GM Energy Certification in Lansing LANSING - General Motors' Robinson, GM vice president metal halide fixtures to 5,200

Aftersales parts distribution regulatory policy. center reached landfill-free the U.S. Environmental Protection Agency.

or convert to energy all waste $\;\;$ EPA from 2010 to 2011. from daily operations.

Lansing Customer Care and of sustainability and global

"This distribution center in status and has earned ENER- Lansing is proof of our drive GY STAR certification for su- to be energy-efficient and inperior energy efficiency from crease recycling throughout our operations.'

To qualify for ENERGY The facility generates 35 STAR certification, the plant percent fewer greenhouse gas had to perform in the top 25 emissions and 35 percent less percent of similar facilities na- tus makes good business nationwide. It also is GM's and meet strict energy per- 2011, the Lansing distribution 100th facility to recycle, reuse formance levels set by the center generated:

GM is committed to reduc- formed various energy effi-

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fluorescent tube fixtures with motion sensors. The effort cut energy use and costs in half.

The facility also integrates energy management into monthly performance scorecards and monitors energy

Achieving landfill-free sta-

• \$42,358 in revenue from The distribution center per- recycling 325 tons of cardboard and 1,054 tons of wood

recycling 59 tons of lead acid batteries.

"Our employees are key to these landfill-free and Energy Star milestones," said Bob Landis, Lansing CCA parts distribution center manager.

"Their efforts help us save energy, reduce waste and improve our efficiency every

In 2010, the facility also unenergy than similar buildings tionwide for energy efficiency sense. For example, since derwent the largest vinyl roof recycling project in North America, diverting about 120 tons of waste from local land-

process The enabled membrane to be recycled.

475,000 square feet of roof ing its environmental foot- ciency measures, including with high-performance fixed GM's highest quality auto as-• \$27,947 in revenue from print worldwide," said Mike upgrading its lighting from calipers grabbing down on sembly plants. Let the Madness Begin! CHECK OUT THESE GREAT **Call for Details** Selling New Chevys, Buicks and GMCs at the ABSOLUTE LOWEST PRICE POSSIBLE! **Come See** 2012 TRAVERSE **LEASE FOR The Great** MSRP \$30,335 **OVER 1,000 Preferred Price** New Chevrolets in Stock! 24 Mos./10,000 Miles **Deals At** Power locks, Power windows, Power mirrors, Cruise, Leather Wrapped Steering Wheel, Steering Wheel Controls, Bluetooth, XM Radio & Onstar WE GUARANTEE THE We guarantee LOWEST PRICES OR IT'S FREE® 2012 **EQUINOX** LS Lunghamer 2012 MALIBULS 2012 CRUZE LS 24 MONTH **Starting Now** 10K/Per Yr. lease for till July 2nd price or it's free! **LEASE FOR LEASE FOR** CELL # 1-586-405-5175 24 Mos./12.000 Miles 24 Mos./12.000 Miles blitvin@lunghamer.com 1.8L EcoTec DOHC Engine 2.4L DOHC Engine, 6-Speed Automatic, CALL Bodyside Moldings and more! **BRUCE LITVIN** *All prices based on GM Employee pricing. Leases require 1st payment, taxes, security deposit, and plate fee up front unless otherwise noted. Lease payments assume there is a current non-gm lease in the household. Pictures may not represent actual vehicle. All lease payments require an 800+ credit score except the 2013 Malibu. Purchase payment is based on approved credit. 75 months at 2.99%, plus tax, title & plate. Ends 6-2-12 1-888-665-5438 24/7 & 365 -

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