



Rotary Club of Dalton Newsletter

<http://www.daltonrotaryclub.org>

This Week:

July 28
Henry Tharpe
*Bill Weaver - Dalton
Rotary Club History*

Upcoming Meetings:

August 4
Ronnie McClurg
*High School Football
Preview*

August 11
Paul Alderman
*Greg Bruner on Prater's
Mill*

August 18
Jason Parker
*District Governor Visit
Board Meeting*

August 25
Onsy Bestawros

September 1
Mel Abernathy
GRSP Student

September 8
NO Meeting
DGCC Closed

Club Officers:

Jason Parker
President
Bruce Satterfield
President-Elect
Frank M. Hogshead
Secretary, Treasurer
David Aft
Immediate Past President
Teresa Carter
Club Administration Chair
John Hutcheson
Public Image Chair
Rick Cobb
Membership Chair
Janice Kiker
Community Service Chair
Scott Rhoden
Youth Service Chair
Kevin Brunson
Vocational Service Chair
Archana Srivastava
International Service
Chair

Combined Cycle System for more Efficient Electric Generation

By: Kathryn Sellers



Henry Tharpe introduced Michelle Crane, plant manager of the Thomas A. Smith Energy Facility, located on Dalton Utility's wastewater treatment plant property just over in Murray County (the largest tax payer in Murray County). Crane explained the Oglethorpe Power Plant which is a part of Oglethorpe Power Corporation, the nation's largest power supply cooperative with 38 Electric Membership Corporations. The plant operates 24/7 and produces 7800 MW of power for our region with combined cycle units. A combined cycle plant utilizes two types of power turbines, a natural gas turbine that rotates an electrical generator to produce electricity; the exhaust gas from this turbine is then passed through a steam generator to rotate the steam turbine generator to produce more electricity; and lastly, the steam is cooled and condensed back into water. The existing reservoir for Dalton Utilities provides the 6 – 10 million gallons of treated waste water used each day to supply the cooling towers. This plant has two combined cycle systems on site.

With this very efficient method of producing energy, this plant produces 125 MW or enough power to service 625,000 homes or the size of the city of Chattanooga. Only 34 employees are needed and at slower production times, there are only 5 present.

Ms. Crane suggested that it is necessary to have diversity of methods of producing energy since each method has pros and cons. Wind and solar production are a small portion of the mix. The fuel is the largest component of the cost of energy production. Since gas is now just \$3 per dekatherm (equivalent to 1 million BTU), it is cost efficient at \$30 per megawatt compared to coal at \$45 per megawatt. Nuclear power generation is the cheapest producer but has very large up-front costs. With a diverse system in Georgia providing redundancy, anytime there is a breakdown from a storm or equipment problems, the systems operations would immediately find other providers from the efficient integrated system state wide.

Rotary Leadership Institute Training

By: Jason Parker

If you are new to Rotary, or if you are a long-time member, Rotary Leadership Institute (RLI) is a great next step toward learning more about the key elements of Rotary, both at the District/International level, as well as club operations. It's also a great way for current or future potential Board members to learn how we can add value to our community, and worldwide, through our club and individual service.

Our club's goal during the 2015 - 2016 year is to send at least six members between now and January 2016. The next opportunity to attend RLI is on Saturday, August 22, 2015 at the Forsyth Conference Center in Cumming, GA. The training usually starts at 8:30 a.m. and ends around 3:30 p.m., with lunch included. If you can make it this time, please register at www.rli-training.org. The club will reimburse you for the cost of registration. If you register, or are thinking about attending, please email President-Elect Bruce Satterfield at bsatterfield@cityofdalton-ga.gov.

Birthdays & Anniversaries

Member Birthdays

Combs, William Dan Jr. (DAN, JR)	28-Jul
O'Neill, Michael Paul (MIKE)	29-Jul
Howard, Gary L. (GARY)	29-Jul
McDonald, David L (DAVID)	2-Aug
Brunson, Kevin M (KEVIN)	2-Aug

Birthday

Partner Birthdays

Lindsey, Kathy
Howard, Janie
Maney, Mary
Steyaert, Genevieve

Member Name

Lindsey, Robin Lee
Howard, Gary L.
Maney, Clifford E.
Steyaert, Xavier

Birthday

28-Jul
29-Jul
31-Jul
31-Jul

Member Anniversaries

Hooper, Frederick L (RICK)
Sigmon, Peter Reid (PETE)
Didier, John M. (JOHN)
Kelehear, Leon S. (SPARKY)
McCoy, Norman D. (NORMAN)
Maney, Clifford E. (CLIFF)

Start Date

31-Jul-12
31-Jul-12
1-Aug-94
1-Aug-88
1-Aug-67
1-Aug-88

Years

3
3
21
27
48
27

Wedding Anniversaries

Abernathy, Sid G. (SID)
Barnwell, William L (BILL)
Temples, Coy H (COY)
Smalley, Robert H. (ROBERT)

Partner's Name

Virginia
Delle
Noel
Rachel

Anniversary

28-Jul
28-Jul
30-Jul
31-Jul

Years

59
53
48
22

Four Way Test

