



Metro Codes

E—News For Professionals

Metropolitan Government of Nashville and Davidson County

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Mayor Karl Dean addresses the “Green Ribbon” Committee

My hope is for individuals and businesses across Davidson County to see what we’re doing and implement similar practices. Together we can improve the quality of life for all of us and make our city, and our world, a better place in which to live.”

--Mayor Karl Dean

GREEN RIBBON COMMITTEE PRESENTS RECOMMENDATIONS TO MAYOR

Summary Report outlines goals, action steps to make Nashville ‘greenest city in the Southeast’

A plan to make Nashville “the greenest city in the Southeast” was released by the Mayor’s Green Ribbon Committee on Environmental Sustainability.

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GREEN RIBBON COMMITTEE PRESENTS RECOMMENDATIONS TO MAYOR

Summary Report outlines goals, action steps to make Nashville 'greenest city in the Southeast'

"The report provides a comprehensive vision for making Nashville a more environmentally sustainable city. I look forward to further reviewing the goals and action steps, working on an implementation plan, including necessary budgetary analysis, and ultimately seeing the results from the committee's intensive work." Dean said.

The 27-member volunteer committee, appointed by Mayor Karl Dean, presented a summary report of 16 goals and 71 recommendations developed over 10 months of work. Green Ribbon Committee co-chairs John Ingram, chairman of Ingram Industries Inc., and Randy Lowry, president of Lipscomb University, led the presentation at a meeting at Shelby Bottoms Nature Center this afternoon.

The goals and recommendations fell under five main categories: Build a Culture of Sustainability, which emphasizes public outreach and education; Conserve Energy, Reduce Waste, Green Our Buildings; Expand Transportation Options; Protect Our Natural Resources; and Reduce Greenhouse Gases.

In remarks made after the report presentation, Dean also highlighted the many accomplishments Nashville has made on environmental initiatives while the Green Ribbon Committee's recommendations have been in progress. Accomplishments include the addition of six new hybrid buses at MTA, the addition of a bicycle and pedestrian coordinator in the Mayor's Office, and the approval of the Clean Water Infrastructure Program with dedicated funding for stormwater management by Metro Water Services.



Randy Lowry, President of Lipscomb University, presents the Green Ribbon Committee Plan.

Photo credit: Gary Layada

"Nashville has a lot to be proud of. But, as we can see from the committee's report, there is still much more work to be done," Dean said.

The committee's process included extensive public involvement. An online survey, launched the same day Dean signed the Executive Order creating the Green Ribbon Committee, attracted input from more than 1,800 Nashvillians. And a series of five public meetings held throughout Davidson County in November 2008 were attended by over 300 people.

More information about the Green Ribbon Committee and the summary report are available online at www.nashville.gov/mayor/green_ribbon.

**"The Green Ribbon Committee has sparked an unprecedented level of enthusiasm in our community for environmental initiatives. I greatly appreciate each committee member's dedication to this effort."
Mayor Karl Dean**

Green Ribbon Committee Goals

- Build a culture of sustainability
- Establish a "green tourism" program with Nashville's city-wide emphasis on being green recognized as part of the city's popular image
- Embrace and celebrate good examples of sustainable living
- Support and encourage environmental education in our schools to instill upon our future generations a sense of love and responsibility for our natural resources
- All Nashvillians should actively connect with and care for our natural resources
- Reduce waste in Davidson County by 35 percent by 2012 and by 65 percent by 2020
- Reduce energy use by 5 percent by 2012 and 20 percent by 2020
- Reduce environmental impacts of buildings through green building practices
- Provide every citizen with at least two modes of available and accessible transportation
- Design and implement the most progressive open space plan in the Southeast
- Move 100 percent of Nashville's streams off the federal 303(d) list of impaired waters by 2020 with measurable progress by 2012
- Develop a locally-based food system
- Link land use planning with open space planning and transportation planning
- Develop and maintain an urban forest program
- Meet and outperform the national standards for air quality
- Reduce Metro Government's greenhouse gas emissions back to 2005 levels by 2012, reduce 20 percent further by 2020, and 80 percent by 2050

First Green Occupancy Certificates Issued

The Metropolitan Department of Codes and Building Safety issued Nashville's first Green Occupancy permits to Lawrence Brothers for their developments in the Germantown community.

"Building green makes perfect business sense. To be efficient with materials while constructing an energy efficient structure which also manages water usage is simply a best practice in today's world,"

Terry Cobb, Director of Codes and Building safety. "We are very proud to be working to make Nashville greener and we are so happy contractors such as the Lawrence brothers are working for the same goal."

The Green Occupancy permits were issued for seventeen properties on Fourth Avenue South, Seventh Avenue South as well as Van Buren Street.

Lawrence Brothers, LLC is a Nashville-based EarthCraft House builder. Their commitment to the environment and building responsibly has gained them notoriety for sustainable homes and for mixed-use developments in their region. Their Morgan Park Place development, located east of downtown Nashville, in the historic Germantown neighborhood, is the first multifamily unit certified EarthCraft House in the state of Tennessee. In 2007, it received both the Governor's Environmental Stewardship Award for excellence in sustainable building and the Nashville Chamber of Commerce Beautification Award.

The Lawrence Brothers interest in green building and a certification program lead the company to EarthCraft House, and in 2005 they joined the program as a means to "certify the quality of our construction," according to Skip Lawrence, who with his brother Bill are business partners in this construction company.

According to the Lawrence Brothers, "We are grateful to the EarthCraft House program for providing us a roadmap for accomplishing energy efficient, responsible buildings. Energy efficiency and sustainability is now an integral part of our business."

Last year, the U.S. Green Building Council (USGBC) Middle Tennessee Chapter bestowed the Green Star Award in Residential Contribution to the Lawrence Bros. LLC for their continued excellence and commitment to high performing homes.

The EarthCraft program serves as a blueprint for energy and resource efficient homes. EarthCraft House has been a South-eastern pioneer in their voluntary green builder initiative with a record-number of builders and houses certified.



Skip Lawrence accepts the first Green Occupancy permit from Nashville Mayor Karl Dean.

EarthCraft Certified Projects



Van Buren Street Project



1500 4th Avenue South project



1320 7th Avenue North



1322 7th Avenue North

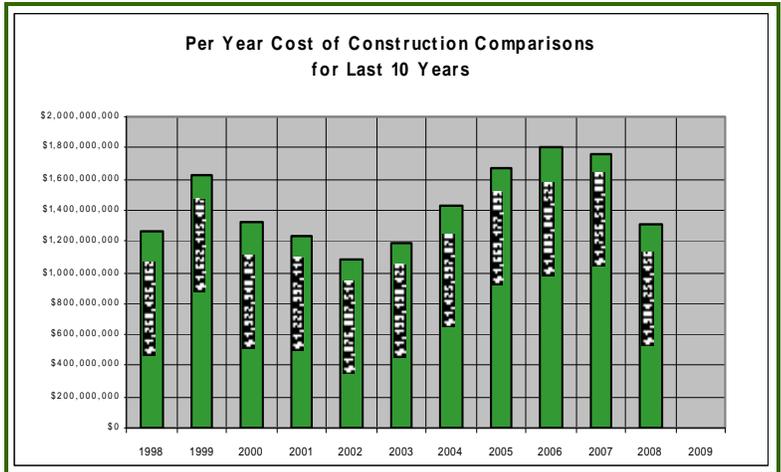
CODES DEPARTMENT RELEASES COMPARATIVE BUILDING PERMITS STATISTICS

After a series of record years, Metropolitan Nashville-Davidson County has experience a down turn in building permits, according to information released from the department. These charts compare 2008 and 2009 during January and February.

"We have seen a decrease in the number and value of building permits issued by the department," said Terry Cobb, Director of the Codes and Building Safety Department. "But when placed in context, we have had several of the highest years ever in value during the last few years."

A 10-year review of the value of building permits issued by the department demonstrates a down turn in 2008 from the previous year but also shows how large the permit values were compared to many of the years out of the last 10.

"Obviously, we don't have a crystal ball, but many believe a turn around will occur by year end and will continue getting stronger in 2010," Cobb said. Cobb added: "Building permit values in July 08 were nearly identical to our 2000 volume."



Cost of Construction Report 01 Jan 2009 through 28 Feb 2009				
Summary by Permit Type	Total Value	% of Tot	Tot Permits	% of Tot
CACA BUILDING COMMERCIAL—ADDITION	23,572,055	17.3%	17	1.6%
CACH BUILDING COMMERCIAL—SHELL	2,192,725	1.6%	3	0.3%
CACJ BUILDING COMMERCIAL—FIRE DAMAGE	332,000	0.2%	2	0.2%
CACK BUILDING COMMERCIAL—ROOFING / SIDING	1,633,912	1.2%	17	1.6%
CACN BUILDING COMMERCIAL—NEW	18,327,818	13.5%	17	1.6%
CACP BUILDING COMMERCIAL—CHANGE CONTRACTOR	28,000	0.0%	1	0.1%
CACR BUILDING COMMERCIAL—REHAB	24,237,703	17.8%	130	12.4%
CACT BUILDING COMMERCIAL—TENANT FINISH OUT	8,793,495	6.5%	20	1.9%
CADM BUILDING DEMOLITION PERMIT	983,705	0.7%	58	5.6%
CAGR GAS / MECH REPLACEMENT—HC, MC, VC	12,730	0.0%	106	10.1%
CARA BUILDING RESIDENTIAL—ADDITION	3,024,746	2.2%	72	6.9%
CARE BUILDING RESIDENTIAL—AMEND PERMIT	53,473	0.0%	4	0.4%
CARH BUILDING RESIDENTIAL—SHELL	1,216,055	0.9%	1	0.1%
CARJ BUILDING RESIDENTIAL—FIRE DAMAGE	349,140	0.3%	10	1.0%
CARK BUILDING RESIDENTIAL—ROOFING / SIDING	405,929	0.3%	49	4.7%
CARN BUILDING RESIDENTIAL—NEW	43,159,636	31.7%	179	17.1%
CARP BUILDING RESIDENTIAL—CHANGE CONTRACTOR	637,640	0.5%	8	0.8%
CARR BUILDING RESIDENTIAL—REHAB	4,946,268	3.6%	133	12.7%
CART BUILDING RESIDENTIAL—TENANT FINISH OUT	644,803	0.5%	14	1.3%
CARW BUILDING RESIDENTIAL—RENEW PERMIT	10,000	0.0%	5	0.5%
CASN BUILDING SIGN PERMIT	995,782	0.7%	113	10.8%
CAUO BUILDING USE & OCCUPANCY	467,060	0.3%	79	7.6%
Grand Totals:	136,024,675		1,045	

Cost of Construction Report 01 Jan 2008 through 28 Feb 2008				
Summary by Permit Type	Total Value	% of Tot	Tot Permits	% of Tot
CABL BUILDING BLASTING PERMIT	50	0.0%	17	1.2%
CACA BUILDING COMMERCIAL—ADDITION	5,065,162	2.0%	23	1.6%
CACH BUILDING COMMERCIAL—FOUNDATION	6,262,386	2.5%	2	0.1%
CACF BUILDING COMMERCIAL—SHELL	10,836,058	4.3%	9	0.6%
CACJ BUILDING COMMERCIAL—FIRE DAMAGE	750,000	0.3%	1	0.1%
CACK BUILDING COMMERCIAL—ROOFING / SIDING	2,258,799	0.9%	14	1.0%
CACN BUILDING COMMERCIAL—NEW	53,712,292	21.5%	34	2.4%
CACR BUILDING COMMERCIAL—REHAB	67,510,137	27.0%	188	13.1%
CACT BUILDING COMMERCIAL—TENANT FINISH OUT	10,902,007	4.4%	42	2.9%
CADM BUILDING DEMOLITION PERMIT	1,640,685	0.7%	85	5.9%
CARA BUILDING RESIDENTIAL—ADDITION	7,289,638	2.9%	115	8.0%
CARE BUILDING RESIDENTIAL—AMEND PERMIT	172,900	0.1%	4	0.3%
CARF BUILDING RESIDENTIAL—FOUNDATION	95,000	0.0%	3	0.2%
CARH BUILDING RESIDENTIAL—SHELL	8,179,892	3.3%	1	0.1%
CARJ BUILDING RESIDENTIAL—FIRE DAMAGE	833,732	0.3%	12	0.8%
CARK BUILDING RESIDENTIAL—ROOFING / SIDING	287,382	0.1%	56	3.9%
CARN BUILDING RESIDENTIAL—NEW	64,182,199	25.7%	383	26.7%
CARP BUILDING RESIDENTIAL—CHANGE CONTRACTOR	18,600	0.0%	2	0.1%
CARR BUILDING RESIDENTIAL—REHAB	5,087,933	2.0%	170	11.8%
CART BUILDING RESIDENTIAL—TENANT FINISH OUT	3,878,649	1.6%	75	5.2%
CARW BUILDING RESIDENTIAL—RENEW PERMIT	4,000	0.0%	2	0.1%
CASN BUILDING SIGN PERMIT	834,611	0.3%	140	9.7%
CAUO BUILDING USE & OCCUPANCY	60,000	0.0%	58	4.0%
Grand Totals:	249,862,113		1,436	

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Volunteers Sought For Emergency Response

Mayor Karl Dean, the Metropolitan Public Health Department and the Mayor's Office of Emergency Management joined Hands On Nashville today as it announced its largest emergency recruitment drive ever, for more than 4,000 volunteers. To sign up go to www.hon.org



Sign Up To Stay Informed By The Mayor's Office



The Mayor's Office is starting a new e-mail subscription list to distribute information about the mayor's initiatives, community meetings and other Metro news. Provide your name and e-mail address and receive periodic updates from the Mayor's Office.

Nashville to Celebrate National Building Safety Week

The Metropolitan Codes and Building Safety Department will join other communities across America to celebrate Building Safety Week, May 3—9. This year's theme is "Building Safety: Where You Live, Work and Play"

Terry Cobb and **Wade Hill** welcome your feedback on our e-newsletter. Please send your comments to [Wade Hill](mailto:wade.hill@nashville.gov), at wade.hill@nashville.gov
Plans Examination Chief, 862-6520



PASS IT ON!

Pass the word about our newsletter! We would be honored if you would share our newsletter with your colleagues and co-workers. If anyone would like to sign up to receive it themselves, they just need to send us their email, and we will be happy to "Pass It On" to them.

Crane Safety

Accidents involving cranes, booms or buckets rarely happen, but when they do they're serious, often fatal, according to the State Compensation Insurance Fund. The Tennessee Occupational Safety and Health Administration is responsible for the regulation and safety inspections for cranes in Nashville and the state of Tennessee.

To prevent mobile crane accidents, employers must ensure that only persons who are trained, authorized, and qualified to operate cranes and hoisting apparatus be permitted to run them and only after a qualified person has visually inspected the crane's operating mechanism, rigging, and ground condition prior to a work shift.

Employer should develop and implement standard operating procedures for cranes including written plans for critical lifts. Crane operators should be trained on the crane they will use and in principles of set-up, rigging, hoisting, extending the boom, swinging a load, pinching and crushing points, swing radius-warning barriers, and power line safety etc. Additionally, riggers and ground workers should be trained in the hazards of working around mobile cranes. Before crane activities begin, a qualified person should inspect the work site to assure it complies with safety requirements and pertinent regulations.

The crane operator should use the manufacturer's load chart to know or calculate the load's weight. The load should always be kept under control and never be increased above the crane's rating. Crane operators should follow the manufacturer's procedures for proper load rigging, outrigger deployment, and stabilization and for assembly, disassembly and maintenance procedures.

For multiple lifts from one location, the condition of the ground and blocking materials should be regularly checked to ensure the crane stability. Cranes must not be operated with wheels or tracks off the ground unless weighted properly on outriggers. The load should be safely landed and properly blocked before it's unhooked or un-slung.

Operators should check for overhead power lines, excavation edges or other obstacles and comply with regulations for safe working distances. The crane's swing radius should be barricaded to keep unauthorized persons from entering areas of pinch points.

Hoisting or moving suspended loads over workers and others within the crane's swing radius should be avoided. All traveling cranes should have proper clearance between the crane and any stationary structures or material and no one should ever be allowed to ride on a load that is being lifted. The operator should respond to signals only from the appointed signal person, but must obey a stop signal at any time. When workers are properly trained and follow standard operating procedures, crane-related accidents and injuries can be prevented.



Green Power Switch Program

Nashville Electric Service and the Tennessee Valley Authority offer consumers a great opportunity to support the growth of

green power in the Tennessee Valley. It's called Green Power Switch (GPS) Generation Partners.

This program provides support and incentives for the installation of solar and wind generating facilities. This makes more green power available for GPS subscribers. And it creates a market for small-scale green power generation by homeowners and small businesses.

How the program works

- A solar or wind generation source is installed by a residential or small commercial power customer served by a participating distributor of TVA power.
- TVA will purchase 100 percent of the green power output at a rate of 15 cents per kilowatt-hour. Residential users may also qualify for an additional \$500 incentive to help offset start-up costs.
- Payment is made in the form of a credit issued by the local power distributor on the monthly power bill for the home or business where the generation system is located. Payments are guaranteed for 10 years from the date of the contract. Energy consumed at the home or business, whether it is generated at the site or delivered over the local power distribution system, is billed at the standard rate. All equipment must be in compliance with national standards and all applicable codes and be certified by a licensed electrician. Generating the power can come in several ways:

Wind Power

Wind turbines can generate electric power anywhere the wind blows steady and strong. Large blades are attached to the shaft of an efficient electric generator. Eighteen turbines have been added to TVA's wind power generating site on Buffalo Mountain near Oak Ridge, TN.

Solar Power

The sun is an incredibly powerful source of energy. Photovoltaic panels harness that power and transform solar energy into usable electricity. When sun rays hit a solar panel, some of the electrons inside become charged and create an electrical current.

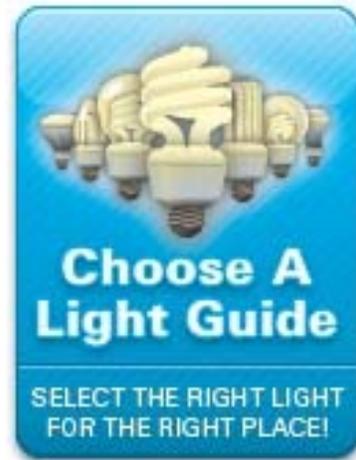
Methane Gas

There's treasure in your trash. Using methane gas as fuel to power an electric generator actually helps reduce air pollution. Unlike when it's released directly into the atmosphere as a potent greenhouse gas. Energy recovered from methane eliminates the consumption of more than 20,000 tons of coal per year.

GPS Generation Partners support the environment by using renewable energy sources, and they also help themselves by defraying investment costs and lowering their monthly energy bills through the revenue they receive from the sale of the green power.

You do not have to subscribe to the Green Power Switch program to participate in GPS Generation Partners, nor does the power distributor have to be a participant in Green Power Switch.

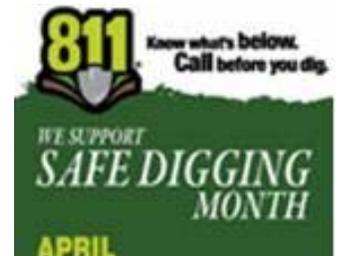
If you're interested in learning more about becoming a GPS Generation Partner, contact NES.



Did You Know: If every American home replaced just one light bulb with an ENERGY STAR qualified bulb, we would save **enough energy to light more than 3 million homes for a year**, more than **\$600 million in annual energy costs**, and prevent greenhouse gases equivalent to the emissions of more than **800,000 cars**.

April 2009 Is National Safe Digging Month

Tennessee 811 and the Common Ground Alliance will be promoting Safe Digging Month in April. This is also the 2nd anniversary of 811, the national "Call Before You Dig" phone number.



The number 811 was designated by the FCC to eliminate any confusion of multiple "call before you dig" numbers and to help save lives by minimizing damages to underground utilities.

We encourage you to visit www.call811.com to obtain the link for displaying the button shown on your website for the month of April.

Let's all work together to make Tennessee a safe place to live and work.

Green Notes

Metro Codes issued it's first "Green" permit for an affordable single-family home to be built in North Nashville.

The builder, J2K Builders and Quirk Designs, filed plans for a 920-square-foot home at 1223 Philips Street.

"Green building is a common sense construction using environmentally friendly products. Sustainable and construction produces a better community and a better way of life for all of us," Terry Cobb, Director, Codes & Building Safety

Department of Codes & Building Safety

Metro Office Building
800 2nd Ave., South
Nashville, TN 37210
615-862-6590 / Fax 862-6593

Mayor—Karl F. Dean

Director—Terrence Cobb

Office Hours: Mon-Fri / 7:30-4:00



For information regarding accessibility, please contact Manley Biggers at (615) 862-6521 or fax (615) 862-6499.

He can also be reached at: manley.biggers@nashville.gov



Save The Date—Codes Announces Annual Golf Tournament

The 13th Annual Metro Codes Charity Golf Tournament will be held on October 17, 2009 at the Ted Rhodes Golf Course.

Last year's tournament, through the support of 128 golfers and 99 sponsors, resulted in yet a new record \$28,000 being donated to three local charities through the Metro Employees Consolidated Charities Campaign (MECCC).

This year, all proceeds will again go to the MECCC for the benefit of local charities.

