



Expanded from Bill Attardi's EnergyWatch.com

July 2025

<http://attardimarketing.com/>

<http://learnerslive.com/>

You won't lose your job to AI—you'll 'lose your job to somebody who uses AI'.

Nvidia CEO: Nvidia Jensen Huang

In times of change, learners inherit the earth, while the learned find themselves beautifully equipped to deal with a world that no longer exists. Eric Hoffer

It's a whole new world out there, with new playing fields, rules, and players. Your choice is to either learn this new game, or continue to be the very best player in a game that is no longer being played. Larry Wilson

Something to Think About...

You Write it, AI Fine-Tunes It! by Bill Attardi - No matter your job or position, your ability to communicate – whether in writing or speaking – at the highest level of your capability will determine your relationships and your success in those relationships. Early on in life, most of us struggled with communicating our thoughts but you always knew developing that skill is essential. Business, like life, is a team sport and engaging and working with others is an everyday occurrence. The competency to communicate effectively is a continuing learning process. It's a critical skill for success. The more you do it, the more competent you become.

Help is on the way. Enter AI – Artificial Intelligence. Yes, AI, the most powerful learning tool ever created. It can make you smarter, if you understand how it makes you learn. At Monmouth University, we integrate AI into our oral and written communication assignments to help students excel. Oral communications take the form of creating a slide presentation analyzing



real-world case studies. Terrific learning experience to help them strengthen both their critical thinking and public speaking skills. We ask them to use AI to refine their delivery and content. For writing, we emphasize a critical process: original thought first. Write as you would have before AI ever existed, then feed your original work into AI and prompt AI to be your personal Writing Tutor to fine-tune it. This approach ensures you learn something new with every draft, steadily improving your writing skills and boosting your confidence. Again, it will make you smarter.

Something you may not know!

Why AI?

AI isn't just a tech tool; it's a game-changer for learning. It replaces those outdated methods with instant, powerful resources, accessible every time you have a need.

- The Library – Once, we pored over books or today e-books for knowledge. AI's vast "Big Data" library contains everything ever written, accessible in seconds. Now it's all in the AI Library...
- The Encyclopedia – We learned general background info on any topic from a collection of books in alphabetical order, to make it easy to find stuff. How nice was that... Fuhgeddaboutit..... Forget flipping through volumes of information for hours. Just prompt AI, and it retrieves precise answers instantly.
- News & Media – From newspapers to social media and everything in between, we've always brainstormed ideas and information to spark debate or insight of current events. AI aggregates, compares and evaluates that thinking, helping you form sharper, more accurate conclusions. That is if ideology does not get in the way.
- The Teachers: Many Teachers from grade school thru higher education all focused on *Reading, wRiting and aRithmetic*, right? All to make us smarter... Well, AI may be replacing us. Educators pass on what they know to help the learning process of others. Now, AI offers unmatched expertise, analyzing your writing for clarity, grammar, and style, and suggesting improvements no human could match in speed and scale never seen before. So where do we teachers fit in? Probably another blog.....any suggestions?

Addressing AI Misuse

Since we are talking about education, let me end this blog by talking about the elephant in the room – Plagiarism – that is what it is and it has always been a problem. Sure, some students will misuse AI to bypass learning, to cheat, to plagiarize an assignment. Nothing new here.....

I spend no time policing when a student cheats. That's a personal choice for me. It's their choice if they want to learn or not. If they want to use AI to do all their work and learn nothing, they will find a way and it's a losing battle for teachers, and frankly, a waste of time. Instead, the focus should be on inspiring students to see AI's value as a lifetime learning tool. *When used correctly, AI doesn't just help you complete assignments—it makes you smarter. The choice is simple: embrace AI to grow, or miss out on its transformative potential*, is the message. Not everyone will buy in, but those who do will thrive in a world where lifelong learning is non-negotiable. I still have faith in those that cheat. Some are just not ready to accept that learning is a never-ending process and that there are no short-cuts. When they figure it out, they will be fine.

The Future Is Here

AI's full impact on education—and life—is just beginning to unfold. But one thing is already clear: it can enhance everything we do. Start with your original ideas. Use AI to refine, elevate, and clarify. You write it, AI fine-tunes it! Practice this consistently, and you'll do more than just communicate better. You'll *think* better. You'll *learn* faster. You'll *work* smarter. And ultimately, you'll *succeed* in ways you never thought possible. Word of caution: connecting with people emotionally as well as intellectually is important for our overall health. Buona Salute!

Something you may not know!

Did you know...

Why Use AI – 5 Reasons:

1. **Efficiency and Automation:** AI can automate repetitive tasks...
saves time and reduces human effort
2. **Data Processing:** AI excels at analyzing large datasets quickly...
uncovers patterns and insights that humans might miss
3. **Scalability:** AI systems can handle growing workloads...
without a proportional increase in costs or resources
4. **Accuracy:** AI can perform tasks with high precision...
reducing errors in areas like diagnostics or forecasting
5. **24/7 Availability:** AI tools can operate continuously...
improving productivity and customer support

Market News

1. ***Trump Says China Trade, Tariff Deal 'Done,' Awaits His and Xi Jinping's Approval*** - President Trump on Wednesday announced that the deal with China "is done," and is awaiting his and Chinese President Xi Jinping's approval. , "[Trump posted](#) on Truth Social. "OUR DEAL WITH CHINA IS DONE, SUBJECT TO FINAL APPROVAL WITH PRESIDENT XI AND ME. FULL MAGNETS, AND ANY NECESSARY RARE EARTHS, WILL BE SUPPLIED, UP FRONT, BY CHINA. LIKEWISE, WE WILL PROVIDE TO CHINA WHAT WAS AGREED TO, INCLUDING CHINESE STUDENTS USING OUR COLLEGES AND UNIVERSITIES (WHICH HAS ALWAYS BEEN GOOD WITH ME!). WE ARE GETTING A TOTAL OF 55% TARIFFS, CHINA IS GETTING 10%. RELATIONSHIP IS EXCELLENT! THANK YOU FOR YOUR ATTENTION TO THIS MATTER!" [Trump says China trade, tariff deal 'done,' awaits his and Xi Jinping's approval | Just The News](#)
2. ***Trump Backs Massive Middle East AI Hub to Counter China*** - President Donald Trump has signed off on a major agreement with the United Arab Emirates to build the largest artificial intelligence campus outside the United States. The agreement marks a sharp turn from the Biden-era policy, which limited chip exports to nations seen as too close to China. At the center of the pact is a 10-square-mile AI campus in Abu Dhabi, backed by 5 gigawatts of power—enough to support around 2.5 million of Nvidia's flagship B200 chips..... The U.S. Commerce Department called the initiative the largest AI infrastructure project to date. UAE state-linked firm G42 will construct the site, but American companies will operate it and provide U.S.-managed cloud services across the region. The White House said the UAE has committed to building or financing equivalent data centers in the U.S., while also aligning its national security policies with American standards. The project signals a deepening U.S. presence in Middle East tech infrastructure and a possible new chapter in global AI competition. [Trump Backs Massive Middle East AI Hub to Counter China - Newsweek](#)

Something you may not know!

3. ***Nvidia CEO Says Trump's Tariff Plan Is 'Utterly Visionary'*** - Bloomberg journalist asked the Nvidia CEO Jensen Huang about his trust of President Trump, and the direction things were going in. "Obviously, I don't know all of his ideas, but let me tell you about two that are incredible," answered Huang. "The first one is utterly visionary. The idea of tariffs being a pillar of a bold vision to re-industrialize to onshore manufacturing and motivate the world to invest in the United States is just an incredible vision. I think this is going to be a transformative idea for the next century for us." "We're all in on the idea. We're setting up plants and encouraging our partners from around the world to invest in the United States, and we have a lot of stuff going on, and so I'm very excited about that." "The second major idea is to rescind the AI diffusion role, recognizing that this isn't about limiting American technology, but this is about accelerating American stacks around the world to make sure that, before it's too late that the world builds on American stacks during this extraordinary time, the AI era." He ended this segment by saying, "These two initiatives are completely visionary, and it's going to be transformative for America." [Nvidia CEO says Trump's tariff plan is 'utterly visionary'](#)
4. ***DOE Announces Accelerated Siting of Data Centers*** - Oak Ridge National Laboratory (ORNL) and Elementl Power have teamed up to advance a data-driven siting approach for advanced nuclear projects. The work started through a [U.S. Department of Energy \(DOE\)](#) GAIN voucher and contributed to Elementl's recent agreement with Google to prepare three U.S. sites for advanced nuclear deployment. Each site would have at least 600 megawatts of capacity and would likely be used to power large-scale data centers. Nuclear energy can provide around-the-clock abundant and reliable electricity, making it an attractive solution to meet rising energy demand from AI and data centers. Google will provide early-stage capital to develop three sites for advanced reactor projects with final technology selection and site confirmation pending further development milestones. [DOE Announces Accelerated Siting of Data Centers – electrified](#)
5. ***DOE Terminates 24 Clean Energy Projects*** - U.S. Secretary of Energy Chris Wright announced the termination of 24 awards issued by the Office of Clean Energy Demonstrations (OCED) totaling over \$3.7 billion in taxpayer-funded financial assistance. After a thorough and individualized financial review of each award, [DOE](#) found that these projects failed to advance the energy needs of the American people, were not economically viable, and would not generate a positive return on investment of taxpayer dollars. Of the 24 awards cancelled, nearly 70% (16 of the 24 projects) were signed between Election Day and January 20th. [DOE Terminates 24 Clean Energy Projects – electrified](#)
6. ***GE Vernova Announces \$14.2B in Energy Deals in Saudi Arabia*** - GE Vernova Inc. (NYSE: GEV) announced initiatives worth up to \$14.2 billion for its world class energy equipment technology and services to support power generation and grid stability projects. The announcements include up to \$2 billion in backlog or on a reservation agreement as of the first quarter of 2025, with future contracts and memorandums of understanding (MOUs) for agreements spanning across the next four years. The initiatives are expected to play a strong role in supporting the Kingdom in achieving its energy goals under Saudi Vision 2030 and transition to net zero by 2060. [GE Vernova Announces \\$14.2B in Energy Deals in Saudi Arabia – electrified](#)

Something you may not know!

7. ***IoT Will Drive the Automotive Industry into the Future*** - The enhanced connectivity facilitated by IoT extends beyond the factory floor. Vehicles are undergoing a profound transformation from simple modes of transportation into sophisticated mobile data hubs. Integrated into digital ecosystems, these connected cars are poised to play a pivotal role in traffic management, urban services, and the development of smart cities. The future of the automotive industry is increasingly being shaped by IoT, which is revolutionizing how vehicles operate, communicate, and interact with their environments. As connectivity becomes a standard feature in modern vehicles, the integration of IoT technologies enhances safety, efficiency, and user experience. With advancements in vehicle-to-everything (V2X) communication, real-time data analytics, and smart infrastructure, the automotive landscape is transitioning toward a more interconnected ecosystem. This shift not only improves operational efficiency but also paves the way for innovations such as autonomous driving and smart traffic management. [IoT will drive the automotive industry into the future - Just Auto.](#)

8. ***Office Conversions Set to Outpace New Construction in 2025*** - More than 23M square feet of office space is planned for conversion or demolition this year, exceeding the amount of new construction for the first time in years, according to CBRE. By the end of this year, 23.3 million square feet of space is slated for demolition or conversion to other uses, according to Conversions & Demolitions Reducing U.S. Office Supply, CBRE's analysis of office-market activity across the largest 58 U.S. markets. In comparison, developers are projected to complete construction of 12.7 million square feet of office space in those markets in 2025. Construction completions have steadily declined from 51.2 million square feet in 2018 to 25 million last year and the anticipated 12.7 million this year. Meanwhile, conversions alone – factoring out demolition – have increased from 5.5 million square feet in 2018 to an anticipated 12.8 million square feet this year. Developers currently have another 81 million square feet of office space in the pipeline for conversion to other uses in the coming years. Top 10 markets at: [Office Conversions Set To Outpace New Construction In 2025](#)

9. ***Trump's Permitting Boss Aims to Deliver on AI Data Center Plans by Stephen Lee*** - The White House's new permitting director wants to vastly expand her office's work in getting projects built—including, for the first time, data centers and artificial intelligence facilities. That would be a boon to President Donald Trump, whose economic policy advocates for the construction of projects like OpenAI Inc.'s \$500 billion Stargate AI venture, Taiwan Semiconductor Manufacturing Co.'s \$100 billion investment in new chip factories, and as many new hardrock mines as possible. Many of those projects will have to secure federal permits under the National Environmental Policy Act before they can break ground, a daunting prospect that can take years. Enter the Federal Permitting Improvement Steering Council, which shepherds complex projects through the process by harmonizing different agencies' environmental reviews, anticipating hurdles before they create delays, and holding agencies accountable to deadlines. On average, the 25-person council says it's able to shave 18 months off a project's review time. [Trump's Permitting Boss Aims to Deliver on AI Data Center Plans](#)

Something you may not know!

10. *Electric Vehicles Catching on in the United States and Around the Globe* By Rick Laezman

While still a relatively small portion of the total number of vehicles on the road, **electric vehicles** are catching on, and **their numbers are growing**. The trend is happening around the globe and in various states in the United States. According to the “Global EV Outlook 2025” report from the **International Energy Agency (IEA)**, global sales of electric cars are climbing. They are on track to surpass 20 million in 2025, which would account for over a quarter of cars sold worldwide. That’s also an increase of 35% from the same time last year. In a country-by-country comparison, China maintains its position as the EV market leader. EVs account for almost half of all Chinese car sales in 2024. In the United States, electric car sales grew by about 10% year-on-year, reaching more than one in 10 cars sold. [Electric Vehicles Catching on in the United States and Around the Globe - Electrical Contractor Magazine](#)

11. *AI Turbocharges US Hunt for Minerals, Fossil Fuels* by Ian M. Stevenson, Hannah Northey

Federal agencies and oil companies are using artificial intelligence to map mineral deposits and assess drilling and mining opportunities. Just as fracking opened up new deposits of oil and gas, AI is turbocharging the hunt for fossil fuels and minerals, helping energy companies quickly map and find new areas to drill and mine. The fast-moving technology can speed through massive datasets used in the energy industry much quicker than earlier methods, potentially allowing for faster examinations of new areas and quicker build-outs of new wells, experts told POLITICO’s E&E News. AI is also super-charging the mapping of the United States’ mineral resources — from the arid West to ocean bottoms — not to mention geothermal and environmental monitoring. [AI turbocharges US hunt for minerals, fossil fuels - E&E News by POLITICO](#)

12. *Department of the Interior Boosts Geothermal Energy Development* - The Department of the Interior has announced the implementation of emergency permitting procedures to expeditiously review geothermal energy projects critical for U.S. national security and Energy Dominance. By streamlining environmental reviews, the Department aims to accelerate geothermal projects that address urgent national security and energy needs while maintaining environmental stewardship. Several proposed geothermal projects led by Ormat Nevada, Inc. will be among the first geothermal projects covered by the Department’s new emergency permitting procedures at: [Department of the Interior Boosts Geothermal Energy Development – electrified](#)

13. *GM to invest \$4 Billion to Shift Some Production from Mexico to the US* - Shares of General Motors rose before the opening bell after announcing plans to invest \$4 billion to shift some production from Mexico to U.S. manufacturing plants as the automaker navigates tariffs that could drive prices higher. President Trump signed executive orders in April, relaxing some of his 25% tariffs on automobiles and auto parts, a significant reversal as the import taxes threatened to hurt domestic manufacturers. GM said late Tuesday that the investment will be made over the next two years and is for its gas and electric vehicles. [GM to invest \\$4 billion to shift some production from Mexico to the US | AP News](#)

Something you may not know!

- 14. Sollum Technologies Partners with Optimal to Advance AI Greenhouse Control** -Sollum Technologies is pleased to announce a strategic partnership with Optimal, a leader in AI greenhouse control. This collaboration integrates Sollum's 100% dynamic [LED lighting](#) with Optimal's AI climate and irrigation control platform, enabling growers to precisely execute their desired growing strategy under rapidly changing weather conditions. By integrating with Sollum's proprietary SUN as a Service® platform, Optimal's AI anticipates the impact of light and balances it with climate and irrigation in real time. Optimal's AI seamlessly updates settings in the grower's existing control computer. The result for growers is a fully automated system that precisely executes their growing strategy 24/7 across lighting, climate, and irrigation. https://www.ledinside.com/news/2025/6/2025_06_12_02
- 15. Agrivoltaics for Cherries** - Switzerland's Energie360° and solar tech specialist Insolight have agreed to build a 1,300-panel agrivoltaic plant on a cherry farm in Leuggern, Switzerland. The facility will combine crop protection and dynamic light management. Installed at regular intervals, the panels are expected to generate 800 MWh annually, enough to power nearly 180 homes with renewable electricity. Swiss utility Energie360°, a nationwide sustainable energy supplier, will purchase all electricity generated by the plant and feed it into the public grid. [Agrivoltaics for cherries – pv magazine International](#)
- 16. Fed Leaves Key Rate Unchanged** -The Federal Reserve kept its key rate [unchanged Wednesday](#) as it waits for additional information on how tariffs and other potential disruptions will affect the economy this year. The Fed's policymakers signaled they still expect to cut rates twice this year, even as they also project that President Donald Trump's import duties will push inflation higher. The Fed expects the bump to inflation will be temporary, but they want to see more data to be sure. They also expect growth to slow and unemployment to edge up. [Fed Leaves Key Rate Unchanged – tEDmag](#)
- 17. US Unemployment Hovers at Historically Low Levels** - The number of Americans applying for unemployment benefits dipped to 245,000 last week, hovering at historically low levels, the Labor Department said Wednesday. The number of Americans collecting unemployment benefits the week of June 7 slid to 1.95 million. Weekly unemployment claims are a proxy for layoffs and mostly have stayed within a healthy band of 200,000 to 250,000 since the economy recovered from a brief but painful COVID-19 recession in 2020, which temporarily wiped out millions of jobs. [US Unemployment Hovers at Historically Low Levels – tEDmag](#)
- 18. Amazon CEO Says AI Will Reduce Its Corporate Workforce by Michelle Chapman** - Amazon CEO Andy Jassy anticipates generative artificial intelligence will reduce its corporate workforce in the next few years as the online giant begins to increase its usage of the technology. "We will need fewer people doing some of the jobs that are being done today, and more people doing other types of jobs," Jassy said. The executive said that Amazon has more than 1,000 generative AI services and applications in progress or built, but that figure is a "small fraction" of what it plans to build. Jassy encouraged employees to get on board with the e-commerce company's AI plans. [Amazon CEO Says AI will Reduce its Corporate Workforce – electrified](#)

Something you may not know!

- 19. *Tesla Launches Robotaxi Program*** - Musk appears to be on the verge of making his robotaxi vision a reality with a test run of a small squad of self-driving cabs in Austin, Texas, that began Sunday with customers paying a \$4.20 flat fee! Reaching a million may take a year or more, however, although the billionaire should be able to expand the service this year if the Austin demo is a success. The stakes couldn't be higher, nor the challenges. Rival Waymo was busy deploying driverless taxis in Los Angeles, San Diego, Austin and other cities by using a different technology that allowed it to get to market faster. It just completed its 10 millionth paid ride. Musk says the robotaxis will be running on an improved version of Full Self-Driving and the cabs will be safe. He also says the service will be able to expand rapidly around the country. His secret weapon: Millions of Tesla owners now on the roads. He says an over-the-air software update will soon allow them to turn their cars into driverless cabs and start a side business while stuck at the office for eight hours or on vacation for a week. "Instead of having your car sit in the parking lot, your car could be earning money," Musk said earlier this year, calling it an Airbnb model for cars. [Musk finally rolls out his driverless Tesla taxis after years of promises | AP News](#)
- 20. *Registration Now Open for 2025 ArchLIGHT Summit*** - Dallas Market Center's ArchLIGHT Summit, the growing annual lighting trade and educational event for the architectural, specification, and design communities, has opened attendee registration for its September 16-17, 2025, show and announced event highlights. This year's event welcomes prominent thought leaders from across the design/build world, delivering targeted education via panels and discussions for professionals in lighting design, architecture, specification, and interior design. To register and view the full schedule of events: [ArchLIGHT Summit 2025](#)
- 21. *Trump Policies Will Cut Deficits Up to \$11 Trillion, White House Economist Says by Skylar Woodhouse*** - President Donald Trump's policies will reduce US fiscal deficits by up to \$11 trillion over the coming decade, according to the White House's chief economist Stephen Miran, Chair of the Council of Economic Advisers—a projection that defies analysts who say government debt is poised to climb to record highs in coming years. About half the savings, or \$3 trillion to \$5 trillion, would come from faster economic growth — thanks to the pending Republican tax cut bill, along with deregulation efforts — Miran argued. He also cited a \$3 trillion bump in revenues from Trump's tariff hikes, referring reporters to the Congressional Budget Office's recent calculation — which came in at \$2.8 trillion. Reduced debt loads thanks in part to those savings will help to bring down the US Treasury's interest costs by approximately \$1 trillion to \$1.5 trillion, he said. "Those are very big numbers." [Trump Policies Will Cut Deficits Up to \\$11 Trillion, White House Economist Says](#)
- 22. *DOE Announces New Pathway to Test Advanced Reactors*** - The U.S. Department of Energy (DOE) announced the start of a new pilot program to expedite the testing of advanced nuclear reactor designs under DOE authority outside of the national laboratories. In accordance with President Trump's Executive Order, *Reforming Nuclear Reactor Testing at the Department of Energy*. This action represents an important step toward streamlining nuclear reactor testing and ensuring at least three reactors achieve criticality by July 4, 2026. [DOE Announces New Pathway to Test Advanced Reactors – electrified](#)

Something you may not know!

e-Learning Showcase

23. STP is Customer-Centric Marketing

[STP Is Customer-Centric Marketing.mp4](#)

Sponsored by FSG

[Serving the People Who Make Businesses Thrive | FSG & the Return to Office](#)

Segmenting / Targeting / Positioning (STP) is a necessary function of marketing – customer-centric marketing. The reality is that the vast majority of customers will not buy your stuff. Even Amazon knows that. That's why they have a membership model. STP is a sequential and interdependent process:

- Effectively segmenting the market
- Carefully selecting the target audience
- Strategically positioning your products & services

Benefits of Implementing Customer-Centric STP AI

- ⚙️ **deeper understanding of customer needs & preferences**
- ⚙️ **identifies your ideal customers and develops detailed profiles**
- ⚙️ **concentrates on the most promising segments**
- ⚙️ **improves customer engagement & higher response rates**
- ⚙️ **creates a strong competitive advantage & brand differentiation**
- ⚙️ **crafts more relevant and impactful marketing messages**
- ⚙️ **focuses on opportunities with the highest potential for return**
- ⚙️ **identifies new market opportunities & potential for growth**

Mass generic messaging that attempts to appeal to everyone often fails to resonate with anyone



Next month – You Write It / AI Fine-Tunes It!

- 1. Why AI**
- 2. Addressing AI Misuse**
- 3. The Future is Here**

AI's full impact on education—and life—is just beginning to unfold. But one thing is already clear: it is the most powerful learning tool ever created, and it can enhance everything we do.

Something you may not know!

Education Resources

- 24. WAC GROUP Joins the Light and Health Research Center's Lighting Education Partnership** - The [Light and Health Research Center \(LHRC\)](#) at the Icahn School of Medicine at Mount Sinai is pleased to announce that [WAC Group](#), an innovative lighting manufacturer located in Port Washington, New York, has joined the LHRC's Lighting Education Partnership. The Partnership is a collaboration among businesses, organizations, government agencies and other entities interested in promoting meaningful and effective education in lighting. Beginning in August of this year, the LHRC will be partnering with WAC Group to deliver a series of webinars providing education on how light impacts the health and well-being of people in a range of residential and commercial spaces. Contact: Christopher Pica at Christopher@cpmediarelations.com

Publications of Learning

- 25. Electrical Wholesaling's 2025 Top 100 Electrical Distributors by Jim Lucy** - Top 100 distributors are divided over the direction of the 2025 economy, but they are still making major capital investments in their companies to position them for growth. It's tough to pinpoint exactly why Top 100 distributors are all over the map with their economic expectations, especially when outside of the uncertainty over tariffs and concern over the size of the national debt, the overall U.S. economy is still growing at a steady if unspectacular rate. Unemployment is currently not growing at a dangerous rate, inflation has not hit the danger zone, and while the expected real GDP growth rate of less than 2% for Q2 2025 will elicit plenty of yawns, it's still expected to land on the positive side of the ledger for this quarter. The Top 10:
- | | |
|-------------------------------|----------------------------------|
| 1. Wesco International | 6. Border States Electric |
| 2. Sonepar USA Holdings Inc. | 7. City Electric Supply Co. |
| 3. Graybar Electric Co. | 8. Elliott Electric Supply Inc. |
| 4. Rexel Holdings (Rexel USA) | 9. McNaughton-McKay Electric Co. |
| 5. CED | 10. U.S. Electrical Services |
- [Electrical Wholesaling's 2025 Top 100 Electrical Distributors](#) | [Electrical Wholesaling](#)
- 26. How I Turned AI Into a Teammate, Not Just a Tool — and How You Can, Too by Aytekin Tank** - One of the biggest missed opportunities of casual AI dabblers is using it sporadically instead of systematically. With just a little bit of upfront time investment, AI has the capacity to [streamline nearly every aspect](#) of your daily workflow. These days, even those without any coding knowledge can easily build customized AI assistants designed to lighten the load of repetitive tasks. From Claude's "Project" to Gemini's "Gem," these platforms enable users to store data like detailed instructions and tone guidelines to keep from having to write the same prompt over and over. Vague prompts beget vague answers. But with clear direction, including the tone, structure and style you want, you'll unlock much more powerful results. My advice? Start small. Choose one recurring task — something low-lift but time-consuming — and assign it to your AI assistant. Give it structure, test it out and offer feedback as you go. Before long, these automated assistants will start to feel like invisible team members working behind the scenes to keep you focused on what matters most. [How I Turned AI Into a Teammate, Not Just a Tool — and How You Can, Too](#)

Something you may not know!

New Technologies

27. **SATCO|NUVO's LED T8 with Integrated Emergency Backup - CCT Selectable | Ballast Bypass**

SATCO|NUVO's LED T8 Lamps with Emergency Battery Backup are UL924 listed for use in emergency lighting applications. Custom lamp holders and set screws lock the lamp in place for a secure installation, and lamps feature red endcaps so they can be easily identified when inspected and maintained. The test button allows for easy testing of the battery so that you can be confident in the lamp's performance in the event of a power failure. KEY FEATURES:

- UL924 Listed Emergency Lighting
- Range Voltage 120V-277V
- Red Endcaps for Easy Identification
- Prewired Lamp Holders Provided
- 3 CCT Selectable

<http://www.satco.com/new-products/article/led-t8-with-integrated-emergency-backup>

Spec Sheet: [SN1810 15W T8 LED CCT EM PI 4-30-25.pdf](#)



28. **Drones Sharpen Focus on Emerging Applications by Deborah L. O'Mara** - Packed with the latest sensing, machine-learning and computer processing technologies, the role of unmanned aerial vehicles (UAVs), also known as drones, is being redefined in next-generation emerging applications—finding increased use in markets seeking higher levels of safety and more efficient operations.



The **drone** service market is on pace to reach more than \$63 billion this year, according to Consortiq. Drones can be piloted remotely or fly autonomously with embedded GPS data that lets them follow preset flight parameters, reducing the need for human intervention. In addition, improved navigational technologies courtesy of A.I. and integrated, intelligent video edge sensors position drones as a safe fit for indoor applications such as warehouses, logistics, storage facilities, retail and office spaces.

[Drones Sharpen Focus on Emerging Applications - Electrical Contractor Magazine](#)

29. **Barron Lighting LED Area Light** - The SWOA Series LED Area Light is designed for



versatility, durability and superior energy efficiency. It's engineered to provide customizable lighting solutions for parking lots, pathways, building facades and other outdoor spaces. The fixture features field-switchable options, including easily adjust light distribution (Type III, IV, V); power output (14,500 to 48,000 lumens); and CCT (3000K-4000K-5000K)

directly on-site. Each unit comes standard with an adjustable universal arm for mounting to square or round poles, as well as walls, ensuring seamless installation.

[SWOA Universal Selectable Area Light - Barron Lighting Group](#)

Something you may not know!

LearnersLive Special Feature

I Quit Google Search for AI—and I'm Not Going Back by Joanna Stern - Ads and search-optimized junk made a mess of the go-to engine. Now ChatGPT, Perplexity, Claude—and even Google's own AI—do it better.

Key Points

- AI chatbots like ChatGPT and Perplexity provide clear, human-sounding answers to search queries, eliminating the need for scrolling through sponsored links and clickbait.
- AI search excels in providing concise information, product recommendations, and how-to guides, while Google Search remains superior for accessing specific webpages and accurate local information.
- While AI chatbots offer convenience, it's crucial to verify information by clicking on source links to support trusted sources and maintain the open web.

Somewhere out there, Jeeves is raising his teacup to the AI revolution. The tuxedoed internet butler of the late '90s couldn't really answer every question, but now? That's the entry-level gig of generative-AI chatbots. Jeeves is smiling in retirement. Google's starting to wonder about its job security.

[I Quit Google for ChatGPT and Other AI Search—and I'm Not Going Back - WSJ](#)

Something you may not know!