

## Around the Industry

### EMCOR buys big Boston contractor

EMCOR Group, Norwalk, CT, has acquired Gaston Electrical Co., Norwood, MA, a full-service electrical construction and low-voltage contractor in the Boston area with 2022 estimated revenues of approximately \$140 million. The 88-year-old electrical contractor designs, installs, constructs and maintains the electrical and low-voltage systems in a wide variety of projects, including hospitals, laboratories and life sciences facilities as well as data centers, universities, sports arenas, large-scale residential and commercial office buildings.

EMCOR said in the press release that Gaston will further strengthen EMCOR's specialty construction services operations in the greater Boston area. Dan Fitzgibbons, president and CEO of EMCOR's Electrical Construction Services Segment said in the release, "We are pleased to expand our footprint in the Northeast with the addition of the Gaston team. This group brings important capability and expertise in servicing many of EMCOR's core end markets, including life sciences facilities and data centers. With one of the most experienced executive and field management teams in the electrical construction industry, Gaston will further broaden and enhance the service offerings EMCOR provides to its customers in the greater Boston area."

### Graybar Electric buys two automation specialists

Graybar Electric Co., St. Louis, completed the acquisition of Walker Industrial  
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- An Endeavor Business Media Inc. publication.  
Publishers of *Electrical Wholesaling* and *EC&M* magazines.

## EV Factories, Battery Plants & Chip Foundries Top 2022's List of Mega-Projects

While the construction market is hamstrung by atmospheric price increases for materials and frustratingly long lead times, an impressive array of megaprojects have hit the drawing boards or broke ground over the past few months (see chart on page 2).

New electric vehicle (EV) plants, battery factories, semiconductor chip foundries, data centers and downtown urban renewal projects dominate the list of largest projects with a total construction value topping \$1 billion. The electrical portion of a construction project can easily account for 10% of the total value.

One of the largest projects announced recently was Hyundai Motor Group plans for a \$5.5 billion EV factory near Savannah, GA. Georgia will also be home to a \$5 billion Rivian EV plant that will produce electrically powered trucks at a mega-facility east of Atlanta. VinFast, a huge Vietnamese industrial conglomerate, will also build an EV plant in

the Southeast. It plans to invest \$2 billion in the first phase of an EV factory near Raleigh, NC, that will start construction in July, 2024. Panasonic also announced in July that it will build a \$4 billion EV battery plant west of Kansas City, MO, that will eventually have up to 5,000 workers.

With Ford and General Motors planning to invest a combined total of more than \$18 billion in EV and battery plants, and Intel planning to build or renovate facilities at this scale in Ohio and Arizona, it's easy to see why the EV/battery/semiconductor niche will soon be the hottest construction niche in the industrial market. And when the CHIPS and Science Act, which President Biden signed into law on Aug. 9, kicks into gear, according to a report in the *New York Times* it will have \$52 billion in subsidies and tax credits for global chip manufacturers that build or expand operations in the United States.

— Jim Lucy

## S&P Global Sees a Slowing International Economy, But No U.S. Recession Yet

*S&P Global Market Intelligence published an updated forecast that estimates global real GDP growth projected will slow to +2.7% in 2022 and +2.6% in 2023. Here is an executive summary of the forecast, available exclusively to EM subscribers.*

World real GDP likely declined in the second quarter of 2022, but this expected outcome is not inevitably the beginning of a global recession. A period of subpar global growth is the most likely outcome. Absent new shocks, the global economy is projected to resume growth, although at a tepid annual pace of under +2% quarter-to-quarter in the third and fourth quarters of 2022.

Mainland China is reopening after lockdowns, and the Asia-Pacific region's emerging markets are achieving solid growth even as the European and U.S. economies struggle. Worldwide, the transition from pandemic to endemic for COVID-19 is en-

abling growth in travel, tourism and other consumer service sectors that were hit hard during the 2020 recession. In advanced countries, household finances are generally in good shape, thanks to accumulated savings and asset appreciation in 2020–21. In a cycle dominated by consumer spending, households are positioned to drive the global expansion forward.

After a -3.3% contraction in 2020 and a +5.8% rebound in 2021, global real GDP growth is projected to slow to +2.7% in 2022 and +2.6% in 2023. This forecast is marked down by -0.2% in 2022 and -0.3% in 2023. The 2022 downgrade is attributable to the U.S. economy's weaker first-half performance, while the 2023 downgrade reflects the widespread impacts of more restrictive financial conditions. With the world's population growing about +1% annually, our outlook implies solid gains

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## Largest Construction Projects Underway or On the Drawing Boards in 2022 : January - July

Contract Value (\$ Millions)	Project	City	State	Project Type	Status
5500	Hyundai Motor Group electric vehicle factory	Savannah	GA	EV factory	Plans announced May 2022
4000	Panasonic battery plant	De Soto	KS	EV battery	Plans announced July 2022
2300	GreenCity mixed-use project	Richmond	VA	Mixed-use	Plans announced July 2022
2000	Expansion of Inova's Alexandria Hospital and related projects	Alexandria	VA	Mixed-use & Medical	2023 start date
2000	Phase 1 EV plant by VinFast, a Vietnamese care manufacturer	Raleigh	NC	Electric vehicle factory	July, 2024 start data
1800	SkyWater Technology semiconductor plant	West Lafayette	IN	Semiconductor plant	Plans announced July 2022
1500	Meta (Facebook) data center campus expansion	Springfield	NE	Data center	Plans announced July 2022
1500	Keystone Trade Center - 15 million sq ft of warehouses and light industrial facilities	Falls Township	PA	Warehouse/industrial	Broke ground April 2022
1300	Gaylord Pacific Resort & Convention Center	Chula Vista	SD	Hotel/Convention center	Broke ground July 2022
1000	Lendlease office tower in Hub District	San Francisco	CA	Office	Broke ground July 2022
1000	Global Foundries expansion of existing semiconductor plant	Malta	NY	Semiconductor plant	Plans announced July 2022
940	Digital Dulles Buildings 7 & 8	Washington, DC metro	VA	Data center	Broke ground first half of 2022
770	Des Moines International Airport new terminal	Des Moines	IA	Airport	Design phase - July 2022
750	Meta Huntsville Data Center campus expansion	Huntsville	AL	Data center	Plans announced July 2022
585	Allston LabWorks	Allston	MA	Mixed-use	Construction financing arranged July 2022
584	Macy's 1.4-million-sq-ft e-fulfillment center	China Grove	NC	Warehouse	Broke ground in April 2022
550	JM Smucker's Uncrustables factory	McCalla	AL	Manufacturing	Broke ground in Jan. 2022
550	Intel renovation of existing semiconductor plant	Rio Rancho	NM	Semiconductor	Broke ground Feb. 2022
550	Dream Las Vegas casino resort	Las Vegas	NV	Casino/resort	Broke ground July 2022
540	520 Fifth Ave. office building	New York	NY	Office	Broke ground first half of 2022
520	Waller Creek office	Austin	TX	Office	Broke ground first half of 2022
514	Newmark's Assembly Innovation Park	Somerville	MA	Office/lab	Financing announced - Aug. 2022
505	Switch Super Nap Data Center - 2nd phase	Sparks	NV	Data center	Broke ground in March
500	Vanderbilt University Hospital expansion	Nashville	TN	Hospital	Plans announced July 2022
500	Whale offshore oil field pipeline	Houston	TX	Oil & gas	Broke ground in September
480	Dollar General distribution centers in Arkansas, Colorado and Oregon	Multiple states	AR-CO-OR	Warehouses	Plans announced July 2022
475	Mammoth Solar Project	Starke & Pulaski Counties	IN	Renewables	Broke ground in March
460	Park 303 office building - 2nd phase	Glendale	AZ	Office	Broke ground in March
450	Coast Guard base upgrade	Boston	MA	Government	Broke ground in April 2022
450	Neptune/Sixth mixed-use building	New York	NY	Mixed-use	Broke ground first half of 2022
425	Water St. apartments	New York	NY	Multi-family	Broke ground first half of 2022
419	Expansion of Milwaukee Convention Center	Milwaukee	WI	Convention center	Broke ground in Nov. 2021
410	Exxon Mobil refinery upgrade	Baton Rouge	LA	Oil & gas	Broke ground in March
400	30-story Lawrence office tower by Chicago's Riverside Investment & Development Co.	Denver	CO	Office	Broke ground April 2022
400	Rose Gaming Resort	Washington	DC	Casino/resort	Broke ground first half of 2022
400	400 Central condos	St. Petersburg	FL	Multi-family	Broke ground in Feb. 2022
400	UnCommons mixed-use development	Las Vegas	NV	Mixed-use	Broke ground in April 2022
400	Civic Square condominiums	Seattle	WA	Multi-family	Broke ground first half of 2022
385	Solar Farm	Ventress	LA	Renewables - Solar	Broke ground in Feb. 2022
375	Republic office tower	Austin	TX	Office	Broke ground first half of 2022
371	Seattle House mixed-use building	Seattle	WA	Multi-family	Broke ground first half of 2022
369	5th & Colorado mixed-use tower	Austin	TX	Multi-family	Broke ground first half of 2022
351	Kansas City streetcar expansion	Kansas City	MO	Mass transit-Rail	Broke ground in April 2022
350	Sapphire Sky wind farm	Farmer City	IL	Renewables - Wind	Broke ground in Feb. 2022
329	Reston Next Block D mixed-use project	Washington	DC	Mixed-use	Broke ground first half of 2022
320	Broad & Washington mixed-use development	Philadelphia	PA	Multi-family	Broke ground first half of 2022
312	UC Berkely public housing project at People's Park	Berkeley	CA	Multi-family housing	Approval process July 2022
300	Royal Caribbean headquarters	Miami	FL	Office	Broke ground first half of 2022
300	SIXO Development - Mixed-use	Seattle	WA	Residential-Office	Plans announced April 2022
265	Washington 1000 office tower	Seattle	WA	Office	Broke ground first half of 2022

*Electrical Marketing* subscribers with an annual paid subscription have access to a downloadable database of 200-plus construction projects valued at \$100 million or more at [www.electricalmarketing.com](http://www.electricalmarketing.com). Sources of project data includes [www.construction.com](http://www.construction.com); [www.kansascity.com](http://www.kansascity.com); [www.enr.com](http://www.enr.com); [www.pnnews.com](http://www.pnnews.com); [www.sfchronicle.com](http://www.sfchronicle.com); [www.datacenterdynamics.com](http://www.datacenterdynamics.com) and [www.constructiondive.com](http://www.constructiondive.com). Digital version of *Electrical Marketing's* construction project database offers more detailed sourcing information.

# Asia-Pacific Region's Growth Expected to Support Global Recovery, Says S&P Global

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in real per capita GDP and avoidance of a global recession.

**Rapidly tightening financial conditions pose a downside risk to global growth.** In response to persistently high inflation and an upward drift in long-run inflation expectations, central banks are accelerating monetary policy tightening. While the 10-year U.S. Treasury yield has retreated from mid-June highs to around 3%, risk spreads have widened, raising financing costs for businesses and households. More emerging markets appear unable to raise new international bonds at sustainable cost levels, forcing them to seek alternative funding sources. Investors' flight to safety would likely mean continued strength in the U.S. dollar and elevated risks for emerging markets that depend on capital inflows to finance trade and fiscal deficits.

**Housing markets are especially vulnerable in the current environment.** Low mortgage rates and increased mobility with the work-from-home trend have fueled housing bubbles around the world. Rising mortgage rates and inflated home prices have hurt affordability, which reduced demand. The resulting market corrections will have adverse consequences for household net worth, residential construction and consumer durables spending. Nonresidential building construction is also sensitive to interest rates and could see further declines in areas with high vacancies.

**With commodity prices falling, downstream inflation is nearing an inflection point.** In response to rising interest rates, U.S. dollar appreciation, and recession fears, a broad retreat in industrial

and agricultural commodity prices is underway. The retreat in commodity prices is filtering downstream, causing inflation in prices of intermediate goods to slow globally. Evidence of decelerating prices of finished goods will become more pervasive in the final quarter of 2022. Global consumer price inflation is projected to ease from +7.3% in 2022 to +4.2% in 2023 and +2.7% in 2024.

**The U.S. economy has stalled, but it's not in recession — yet.** U.S. real GDP declined at an annual rate of -1.6% quarter-to-quarter in the first quarter, pulled down by a sharp rise in imports and a decline in exports. We expect a similar contraction in the second quarter, owing to a sharp reduction in inventory accumulation. This episode is unlikely to meet the broad criteria for a recession set by the National Bureau of Economic Research, as it's difficult to square the real GDP losses with notable gains in employment, incomes and personal consumption.

Yet, the path forward will be difficult. The Federal Reserve has signaled a willingness to raise interest rates enough to slow inflation to its +2% target, even if the result is a recession. The boom in housing markets is reversing, and businesses will likely rein in capital spending and hiring plans. Real GDP growth is projected to slow from +5.7% in 2021 to just +1.4% in 2022 and +1.3% in 2023 before picking up to +1.9% in 2024. With real GDP growth running below potential, the unemployment rate will rise from 3.6% in June to a high of near 5% in 2024.

**High energy costs are pushing Western Europe toward recession.** Our July forecast already incorporates mild second-quarter contractions in real GDP in

the United Kingdom, Italy, Spain and the Netherlands. With inflation surprising on the upside, the central banks are stepping up the pace of monetary policy tightening. While a rebound in tourism and consumer services might give the region a slight lift in the summer quarter, another setback is likely in the fourth quarter, given unreliable energy supplies

Exceptionally high natural gas and electricity prices will damage industrial competitiveness in Germany and other manufacturing centers. The destructive Russia-Ukraine war will likely drag on through 2022, deflating consumer and business confidence across Europe. Eurozone real GDP growth is projected to slow from +5.4% in 2021 to +2.5% in 2022 and +1.2% in 2023 before improving to +2% in 2024.

**Mainland China's economy is tentatively recovering from COVID-19 lockdowns.** Mainland China's real GDP

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## Around the Industry

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Products Inc., Newtown, CT. In addition, Shingle & Gibb Automation, a Graybar subsidiary based in Moorestown, NJ, acquired New England Drives & Controls, Southington, CT.

Walker Industrial and New England Drives & Controls provide advanced automation and control solutions to OEMs, industrial users and system integrators. Like Shingle & Gibb Automation, both companies are authorized distributors for large automation suppliers such as Banner Engineering, Turck and Red Lion Controls. They will continue to do business under their current organizational names, with the same employees and supplier relationships.

### Inline Electric Supply endorses NEMRA POS standards

Inline Electric Supply, Huntsville, AL, listed as the 58th largest electrical distributor in the country in *EW's* updated Top 150 ranking, has endorsed NEMRA's POS/POT Minimum Reporting Standards.

With 19 locations in Alabama, Georgia and Tennessee, Inline Electric is a fast-growing Southeast electrical distributor. Historically, the company focused on the

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A Quick Look at the Numbers: S&P Global Market Intelligence									
	2018	2019	2020	2021	2022	2023	2024	2025	2026
<b>Real GDP growth (percent change)</b>									
World	3.3	2.6	-3.3	5.8	2.7	2.6	3	3	2.9
United States	2.9	2.3	-3.4	5.7	1.4	1.3	1.9	2.3	2.1
Eurozone	1.8	1.6	-6.4	5.3	2.5	1.2	2	1.5	1.4
Japan	0.6	-0.2	-4.6	1.7	1.7	1.7	1	0.9	0.8
Mainland China	6.7	6	2.2	8.1	4	5.2	5.1	5	4.9
<b>Exchange rates (year end)</b>									
Dollar/euro	1.15	1.12	1.23	1.13	1.04	1.05	1.08	1.1	1.13
Yen/dollar	110.8	109.1	103.5	115	138.1	127.8	122.7	117.4	112.1

## Industry Events

September 13-15 2022

### **NAED LEAD Conference**

Milwaukee, WI; [www.naed.org](http://www.naed.org)

September 21-22, 2022

### **LightSpec West**

Los Angeles; [www.lightspecwest.com](http://www.lightspecwest.com)

October 4-5, 2022

### **LightSpec Midwest**

Chicago;  
[www.lightspecmidwest.com](http://www.lightspecmidwest.com)

Oct. 16-18, 2022

### **NECA Show & Conference**

Austin, TX; National Electrical Contractors Association  
[www.necashow.org](http://www.necashow.org)

Oct. 16-19, 2022

### **NALMCO Convention & Trade Show**

Glendale, AZ; National Association of Lighting Maintenance Companies  
[www.nalmco.org](http://www.nalmco.org)

October 26-27 2022

### **NAED Data Analytics Conference**

Dallas; [www.naed.org](http://www.naed.org)

Oct. 26-27, 2022

### **Electric Expo 2022**

King of Prussia, PA, Electrical Association of Philadelphia  
[www.electricepo.org](http://www.electricepo.org)

November 14-16 2022

### **NAED Eastern Conference**

Tampa, FL; [www.naed.org](http://www.naed.org)

November 16-17 2022

### **NEMA Annual Meeting**

Amelia Island, FL; National Electrical Manufacturers Association (NEMA)  
[www.nema.org](http://www.nema.org)

January 16-18, 2023

### **NAED Western Conference**

Palm Desert, CA; [www.naed.org](http://www.naed.org)

January 30 - February 2, 2023

### **NEMRA Conference**

Las Vegas, NV; National Electrical Manufacturers Representatives Association;  
[www.nemra.org](http://www.nemra.org)

## Around the Industry

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Alabama market, however, it recently acquired Williams Electric Supply in Tennessee.

Knowing the importance of strong relationships with independent electrical manufacturer representatives, the company sought to provide them with appropriate POS information. Bruce Summerville, president of Inline, contacted NEMRA to learn more about the NEMRA POS Standards. "We need the rep support, and we want to make sure they are compensated," he said in the press release. "This will make the process much easier for us. As Inline grows to service new markets in multiple states, we feel that our participation in the NEMRA point of sale program will help ensure that the proper sales credit goes to the representative responsible for helping establish the demand for products in the local marketplace. The proper reflection of sales credit to the proper source will improve Inline's relationships with representatives in the markets that we both serve."

### **DSG acquires Brown Supply**

Dakota Supply Group (DSG) Plymouth, MN, acquired Brown Supply Co. in an

asset purchase effective Aug. 2. Founded in 1940, Brown Supply is a distributor of waterworks products such as water/sewer pipes, fire hydrants, marking flags, equipment and supplies with four locations across Iowa.

Kevin Doud, the current owner, will remain with the business and will become the region sales manager for Iowa. In this role, he will help facilitate DSG's waterworks expansion across the state. The company will operate as Brown Supply Co., a DSG company, before eventually transitioning to the DSG brand. DSG's electrical business is ranked #52 in *Electrical Wholesaling's* 2022 Top 150 Distributors listing.

### **Winsupply acquires First SOURCE Electrical to bolster Texas operations**

Winsupply Inc., Dayton, OH, bought First SOURCE Electrical, Houston, a full-line distributor of commercial, multi-family, residential and low-voltage electrical supplies. The company will continue doing business as FirstSOURCE Electrical from its 110,000-sq-ft Houston location. FirstSOURCE was ranked #99 on *EW's* Top 150 listing.

## July's Dodge Momentum Index Moves Higher

The Dodge Momentum Index (DMI) increased +2.9% in July to 178.7 from the revised June figure of 173.6 points. The Momentum Index, issued by Dodge Construction Network, is a monthly measure of the initial report for nonresidential building projects in planning. The index tends to lead construction spending for nonresidential buildings by a full year. In July, the commercial component of the Momentum Index rose +5.5%, while the institutional component fell- 2%.

Commercial planning in July was led by an increase in data center, office and warehouse projects, while fewer education and healthcare projects drove the institutional component lower. Compared to July 2021, the Momentum Index was down -8%. The commercial component was +15% higher, while the institutional component was -3% lower than a year ago in July 2021.

A total of 14 projects with a value of \$100 million or more entered planning in

July. The leading commercial projects were the \$300-million Schnitzer Industrial Park in Sacramento, CA; the \$275-million Par-teere 42 mixed-use complex in Miami; and the \$180-million Edgecore Data Center in Sterling, VA. The leading institutional projects were the \$500-million Vanderbilt University Medical Center in Nashville, TN; a \$157-million life sciences building in San Francisco; and the \$150-million Cal Poly Humboldt Craftman's student housing project in Arcata, CA.

"The Momentum Index has yet to show signs of stress as recession fears mount. This shows that developers and owners remain confident that nonresidential building projects will weather the storm of higher interest rates and a slowing economy," said Richard Branch, chief economist for Dodge Construction Network, in the press release. "Whether this can be sustained over the medium term remains a key question that will ultimately dictate the pattern for construction starts in 2023."

# Construction Spending Down -1.1% in June to \$1,762.3 Billion But YOY & YTD Date Strong

Construction spending during June 2022 was estimated at a seasonally adjusted annual rate of \$1,762.3 billion, -1.1% below the revised May estimate of \$1,781.9 billion. The June figure is +8.3% above the June 2021 estimate of \$1,628 billion. According to the U.S. Census Bureau, during the first six months of this year, construction spending amounted to \$848.2 billion, +10.7% above the \$766 billion for the same period in 2021.

**Private construction.** Spending on private construction was at a seasonally adjusted annual rate of \$1,416.4 billion, -1.3% below the revised May estimate of \$1,434.4 billion. Residential construction was at a seasonally adjusted annual rate of \$923.7 billion in June, -1.6% below the revised May estimate of \$939.2 billion. Nonresidential construction was at a

seasonally adjusted annual rate of \$492.7 billion in June, -0.5% below the revised May estimate of \$495.3 billion. The Private Manufacturing category continues to outpace all other construction niches. While it was down -0.1% in June to \$92,314 million, year-over-year it's up +20.2%, lead by a +111% increase in the Nonmetallic mineral category and a +149.2% increase in the Computer/electronic/electrical category.

**Public construction.** In June, the estimated seasonally adjusted annual rate of public construction spending was \$345.9 billion, -0.5% below the revised May estimate of \$347.5 billion. Educational construction, the largest individual public construction category after the Highway & Street category, was at a seasonally adjusted annual rate of \$77.5 billion, -0.7% below the revised May estimate of \$78.1 billion.

## Covid to Impact China's Economic Recovery

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declined -2.6% quarter-to-quarter in the second quarter, resulting in +0.4% year-on-year (y/y) growth that was supported by infrastructure spending and investment by state-owned firms. Monthly data suggest a broadening recovery in June. The government's dynamic zero-COVID policy will remain in place through at least March 2023, preventing a return to normalcy and limiting the effectiveness of economic stimulus. The property market remains in recession, and declining land sales are hurting local government finances. Real GDP growth is projected to slow from +8.1% in 2021 to +4% in 2022 before strengthening to +5.2% in 2023.

**Asia Pacific will dominate global growth as other regions falter.** Resilient growth in the Asia-Pacific region is key to our outlook of sustained global economic growth in 2022 and 2023. This region will likely account for 53% of global real GDP growth in 2022 and an exceptional 62% in 2023. Its contribution is projected to average about 56% over the next decade. After slowing from +6.2% in 2021 to +3.9% in 2022, Asia Pacific's real GDP growth is projected to settle at +4.4% in both 2023 and 2024. India, Indonesia, Vietnam and the Philippines will likely achieve growth rates of +5% to +7%.

This performance reflects strong intraregional growth dynamics related to regional free-trade agreements, efficient supply chains, competitive costs and steady inflows of foreign direct investment. The region is also benefiting from strong pent-up demand for semiconductors and autos. Parts of the region experienced later waves of COVID-19 and are now experiencing robust recoveries following the easing of pandemic restrictions.

**Bottom line.** While the global economy is expected to avert a recession, business conditions will be increasingly difficult in the year ahead as financial markets tighten. The risk of recession remains high — in the 40% to 50% range in major economies. Our next forecast will likely include downward revisions in interest rate-sensitive sectors such as housing, consumer durables and business capital spending

— Sara Johnson, executive director,  
Economic Research,  
S&P Global Market Intelligence

### Value Of New Construction Put In Place — June 2022

Value of Construction Put-in-Place (\$ billions, seasonally adjusted annual rate)

	Jun. '22 <sup>1</sup>	May '22 <sup>2</sup>	Mo. % Change	Jun. '21	YTY % Change
<b>Total Construction<sup>1</sup></b>	<b>1,762.3</b>	<b>1,781.9</b>	<b>-1.1</b>	<b>1,628.0</b>	<b>8.3</b>
<b>Total Private Construction<sup>1</sup></b>	<b>1,416.4</b>	<b>1,434.4</b>	<b>-1.3</b>	<b>1,283.5</b>	<b>10.4</b>
Residential	923.7	939.2	-1.6	799.3	15.6
New single family	467.5	482.5	-3.1	431.3	8.4
New multifamily	100.6	100.2	0.4	100.7	-0.1
Nonresidential	492.7	495.3	-0.5	484.3	1.7
Lodging	16.4	16.4	-0.2	17.4	-5.5
Office	73.4	73.1	0.5	75.0	-2.1
Commercial	99.5	100.1	-0.6	89.7	10.8
Health care	39.0	39.4	-0.9	38.0	2.6
Educational	18.0	17.9	0.1	15.3	17.5
Religious	2.8	2.9	-2.8	2.8	-0.4
Amusement and recreation	13.3	13.3	-0.1	12.6	5.4
Transportation	14.5	14.6	-1	15.5	-6.4
Communication	23.8	23.6	1	24.5	-3
Power	97.8	99.6	-1.8	114.8	-14.9
Electric	74.2	75.8	-2	90.2	-17.8
Manufacturing	92.3	92.4	-0.1	76.8	20.2
<b>Total Public Construction<sup>2</sup></b>	<b>345.9</b>	<b>347.5</b>	<b>-0.5</b>	<b>344.4</b>	<b>0.4</b>
Residential	9.2	9.1	0.5	9.4	-2.1
Nonresidential	336.7	338.3	-0.5	335.1	0.5
Office	12.0	12.3	-1.8	11.7	3.4
Commercial	3.5	3.4	2.4	3.4	1.9
Health care	11.1	10.9	1.7	10.0	11.2
Educational	77.5	78.1	-0.7	81.5	-4.8
Public safety	11.1	11.1	0	11.8	-6.5
Amusement and recreation	13.0	12.8	1.5	12.7	2.7
Transportation	40.4	40.8	-1	41.6	-2.7
Power	9.7	9.7	-0.2	8.0	21.9
Highway and street	97.4	100.1	-2.7	98.5	-1.1
Sewage and waste disposal	30.1	29.9	0.5	28.1	7
Water supply	21.0	19.5	7.4	18.5	13.2
Conservation and development	8.9	8.7	1.7	8.0	10.5

1—Preliminary; 2—Revised

Note: The U.S. Census department changed its construction categories beginning with its May 2003 statistics.

With the changes in the project classifications, data now presented are not directly comparable with those data previously published in the regular-format press releases and tables. Direct comparisons can only be made at the total, total private, total state and local, total federal, and total public levels for annual and not seasonally adjusted monthly data. For more information, check out <http://www.census.gov/const/www/c30index.html>.

# People

*Service Wire Co. (Culloden, WV):* **Trish Weisberg** was promoted to director of human resources. She will coordinate efforts of the company's human resources team across its Houston, Phoenix and Culloden facilities. Weisberg has experience managing multiple operational and sales facets across the company, including supply chain, quality systems, manufacturing and procurement. A graduate of Southern Methodist University and Rice University, she is a third-generation employee of Service Wire.

In other Service Wire news, **David Miller** joined the company as an inside sales rep in the Culloden sales office. He will be serving the territories of Illinois, Iowa, Nebraska and the Canadian provinces of Alberta and British Columbia. Miller has more than 30 years of experience in sales, including experience with local, regional and national markets..

*Cerrowire (Hartselle, AL):* **Randy Clos** joined the company as vice president of finance. He will be responsible for leadership of the company's accounting and finance teams.

Clos has led financial teams for more than 20 years, primarily in the wire and cable industry — 10 of those specifically within the Marmon Electrical Group, a Berkshire Hathaway company. In his most recent position as vice president of finance at Marmon Utility, Clos led teams for brands like Hendrix and Kerite. He has an accounting degree from Southern New Hampshire University and is a veteran of the U.S. Army.

*Nora Lighting (Commerce, CA):* **Elijah Anderson** is the company's new Midwest regional commercial sales manager. He has more than 10 years experience working in sales and lighting throughout the United States. Anderson will be based in Wisconsin, and will oversee nine commercial rep agencies throughout his territory.

*WAGO (Germantown, WI):* **Clayton Windsor** has been named regional sales manager for southeast Wisconsin. Windsor has been with WAGO for the majority of his professional career, serving the last two years as North American product manager for Rail Mount Terminal Blocks.

In other WAGO news, **Jeffrey Govek** joined the company as a senior sales and application engineer. After receiving his degree in electrical engineering from the University of Tulsa, he got his MBA from Methodist University. Govek, now based in the Dallas area, has worked in the oil and gas, printing and IoT industries. He also ran

his own automation consulting company for many years prior to joining WAGO.

*Motion Industries (Birmingham, AL):* **Lisa Solomon** has been promoted to senior VP - corporate accounts. In her new role, Solomon will lead all of Motion's corporate accounts in North America, plus other company teams, including the corporate accounts support group, corporate accounts development, P2 MRO, onsite solutions, energy services and International Sales. Originally from Michigan, Solomon graduated from Central Michigan University with a degree in broadcasting, communications and marketing.

*Electrical Apparatus Service Association (EASA) (St. Louis):* EASA appointed new international officers for the 2022-2023 administrative year:

*Chairman of the board:* **Sid Seymour** of Seymour-Smith Electric Motor & Pump Service in Burlington, Ontario

*Vice-chairman:* **Sean McNamara** of Komatsu in Rutherford, New South Wales, Australia

*Secretary/Treasurer:* **Paul Rossiter** of Energy Management Corp., Salt Lake City, UT.

Serving on the executive committee with the above officers are **Tim Bieber** of D-Electric, Inc., Quakertown, PA; **Barry Bullard** of EMI Power & Automation Decatur, AL; and **Mathis Menzel** of Menzel Elektromotoren GmbH in Berlin, Germany.

*Energy Focus (Solon, OH):* **Clifford Griffin, Steve McGuire** and **Nicholas Peragine** joined the company. Griffin joins the company as senior corporate controller and chief accounting officer from Babcock & Wilcox, a \$700-million-plus global company in energy and environmental technologies and services for the power and industrial markets. He previously worked at Advanced Lighting Technologies.

McGuire joins Energy Focus as director of business development and will lead OEM relationship development, primarily for the EnFocus Power Line Control (PLC) technology. He has 25 years of experience in the lighting industry, primarily with Philips Lighting.

Peragine will be director of regional sales and brings over 10 years of relevant experience building and leading sales teams in the commercial lighting industry.

*Border State Electric (Fargo, ND):* **Anthony Serati** was promoted to vice president of operations from vice president of

procurement, according to a LinkedIn post. He has been with the Border States Electric since 2003.

*Crawford Electric Supply/Sonepar (Houston):* **Megan Bishop** is the company's new VP of human resources. She comes to Crawford Electric Supply from the oil and gas industry has 15-plus years of human resources experience.

## Rep News

*CSA Electrical Sales (CSA) (Lake Mary, FL):* **Dave Johnson** joined the CSA rep firm as VP of business development. He began his career in the electrical market working for a rep firm based in central Florida and also worked for 15 years as a regional manager in the electrical manufacturing community. While Johnson was a regional manager for Topaz, he worked with CSA when it represented the line for seven years. CSA will be celebrating its 45th year in business next April.

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