

Sweeping climate bill pushes American energy to go green

By **SETH BORENSTEIN, MATTHEW DALY and MICHAEL PHILLIS**
Associated Press

WASHINGTON — After decades of inaction in the face of escalating natural disasters and sustained global warming, Congress hopes to make clean energy so cheap in all aspects of life that it's nearly irresistible.

The transformative legislation would provide the most spending to fight climate change by any one nation ever in a single push.

The action comes 34 years after a top scientist grabbed headlines warning Congress about the dangers of global warming. In the decades since, there have been 308 weather disasters that have each cost the nation at least \$1 billion, the record for the hottest year has been broken 10 times and wildfires have burned an area larger than Texas.

The crux of the long-delayed bill, singularly pushed by Democrats in a closely divided Congress, is to use incentives to spur investors to accelerate the expansion of clean energy such as wind and solar power, speeding the transition away from the oil, coal and gas that largely cause climate change.

The United States has put the most heat-trapping gases into the air, burning more inexpensive dirty fuels than any other country. But the nearly \$375 billion in climate incentives in the Inflation Reduction Act are designed to make the already plummeting costs of renewable energy substantially lower at home, on the highways and in the factory. Together these could help shrink U.S. carbon emissions by about two-fifths by 2030 and should chop emissions from electricity by as much as 80%.

Experts say it isn't enough, but it's a big start.

"This legislation is a true game changer. It will create jobs, lower costs, increase U.S. competitiveness, reduce air pollution," said former Vice President Al Gore, who held his first global warming hearing 40 years ago. "The momentum that will come out of this legislation, cannot be underestimated."

The U.S. action could spur other nations to do more — especially China and India, the two largest carbon emitters along with the U.S. That in turn could lower prices for renewable energy globally, experts said.

Because of the specific legislative process in which this compromise was formed,



Rick Bowmer/AP Photo

A workman from Power Shift Solar installs a solar panel in Salt Lake City in August.

which limits it to budget-related actions, the bill does not regulate greenhouse gas emissions, but deals mainly in spending, most of it through tax credits as well as rebates to industry, consumers and utilities.

Investments work better at fostering clean energy than regulations, said Leah Stokes, an environmental policy professor at the University of California, Santa Barbara. The climate bill is likely to spur billions in private investment, she said: "That's what's going to be so transformative."

The bill promotes vital technologies such as battery storage. Clean energy manufacturing gets a big boost. It will be cheaper for consum-

ers to make climate-friendly purchasing decisions. There are tax credits to make electric cars more affordable, help for low-income people making energy-efficiency upgrades and incentives for rooftop solar and heat pumps.

There are also incentives for nuclear power and projects that aim to capture and remove carbon from the atmosphere.

The bill moves to ensure that poor and minority communities that have borne the brunt of pollution benefit from climate spending. Farmers will receive help switching to climate-friendly practices and there's money for energy research and to encourage electric heavy-duty trucks in

place of diesel.

The Superfund program, used to pay for cleanup of the nation's most heavily-polluted industrial sites, will receive more revenue from a bigger tax on oil.

The Rhodium Group research firm estimates the bill would dramatically change the arc of future U.S. greenhouse gas emissions, cutting them by 31% to 44% in 2030, compared to what had been shaping up to be 24% to 35% by 2030 without the bill, said Rhodium partner John Larsen. Clean power on the grid, an upcoming Rhodium report says, would jump from under 40% now to between 60% and 81% by 2030, he said.

"It's not as big as I want, but it's also bigger than anything we've ever done," said U.S. Sen. Brian Schatz, a Hawaii Democrat who leads the Senate climate caucus. "A 40% emissions reduction is nothing the U.S. has ever come close to before."

As decisive a change as it is for U.S. policy and emissions, it still does not reach the official U.S. goal of cutting carbon pollution roughly in half by 2030 to achieve net-zero carbon emissions across the economy by 2050.

Not everyone is impressed. "This law is big for the

U.S. but in global terms long overdue," said Niklas Hohne, co-founder of the New Climate Institute in Germany. "The U.S. has a long way to go on climate change and is starting from a very, very high emission level."

When U.S. historic carbon emissions are factored in, U.S. spending still lags behind Italy, France, South Korea, Japan and Canada, according to Brian O'Callaghan, lead researcher at the Oxford Economic Recovery Project at the University of Oxford. He noted the bill has nothing to fulfill America's broken promise of billions of dollars in climate aid for poor nations.

President Joe Biden has frequently said America is back in the fight against climate change, but other leaders have been skeptical with no legislation to back his claim.

And there may be disappointment. Americans hoping to buy an electric car may find many models ineligible for rebates until more components are made in the U.S. Local fights over siting new renewable energy projects could also hamper the pace of the buildout, some experts said. Environmental justice communities are concerned they'll be asked to accept new carbon capture projects.

theAstorian Classifieds

Searching for Employees?

PLACE YOUR JOB POSTING HERE

Special Includes:

- 2 Weeks in Print & Online
- Logo Included
- Facebook Boost
- Featured Advertising

Call theAstorian at **503-325-3211** or email: classifieds@dailyastorian.com

GARAGE SALE SEASON IS HERE!

ONLY \$25 for 3 days

Call 800.781.3214 to advertise today!

classifieds@dailyastorian.com

SELL YOUR VEHICLE HERE!

If it Drives or Floats...

\$49.95

ADVERTISE TODAY
800.781.3214
classifieds@dailyastorian.com

If it doesn't sell in two weeks We will give you two weeks for FREE!

theAstorian Customer Service Hotline 800-781-3214

8AM - 5PM or leave a message anytime or e-mail us: circulation@dailyastorian.com

Please call if:

- You would like to order a subscription
- Your don't receive your paper Tuesday, Thursday, Saturday
- Your paper is damaged
- You have a problem with a news rack
- You are going on vacation
- You have questions about your subscription

We're your newspaper

211 Pickups

Pickup for sale
1/2 ton, '05, ext cab
tool rack
\$7,000
Jerry's Automotive Serv.
1248 Marine Drive
Astoria, OR

263 Commercial Fishing

Gillnets for Sale
2-9" Floaters. 36' deep, strung
200 Fathoms each. Plus more
nets, corkline, leadline. 360-484-7747

A small town newspaper with a global outlook

One of the Pacific Northwest's great small newspapers

theAstorian
www.dailyastorian.com

SHOP LOCAL!

Check the Business Directory daily to utilize the local professionals advertising in The Astorian.

To place an ad in our Business Directory, call **503-325-3211**.

576 Land

Wonderful opportunities to own a piece of paradise that has a stunning Mountain View. This flat and clear land is approximately 2.85 acres. The property is located just 3 miles from the Seaside/Cannon Beach junction and 6 miles to be able to walk on coastal beaches. This is a great lot to build your dream home on. This price is \$219,000.00. Please call 503-717-2777 with any inquiries.

622 RV/Trailer/ Mobile Home Space

Long term space available
Low pricing includes full hook ups with Electricity, Cable TV and Wifi

503 861-0547
Hammond Marina RV Park

651 Help Wanted

Bergeman Construction is seeking a well-qualified professional to join our team. We are seeking to fill a lead man and laborer position within our company. Must be reliable, team player, great attitude and a positive influence.

We do all structural aspects of construction both commercial and residential, as well as structure moving, deep foundations, welding, excavation, framing and concrete.

We offer competitive wage, 401K and medical.
Contact us at **503-325-4557**, email- bergemanoffice@gmail.com, 92319 Youngs River Rd, Astoria, OR 97103

Want to place a classified ad but unsure how? Call 503-325-3211 and let us help you!

Follow us on Facebook

See all of our "New Today!" listings posted on Facebook. Follow us at: facebook.com/CoastMarketplace

BUDGETAD\$

Place your ad today | www.dailyastorian.com

405 Budget Ads

Rolls Royce of Power Wheelchairs, only used twice. Free; however, will need to purchase a battery (\$100-\$150). Call 360-465-2724

Have you seen our **FEATURED ADS?** Only viewable on our website, www.dailyastorian.com. Call **503-325-3211** for more information!

GARAGESALES

www.dailyastorian.com

401 Garage/Yard Sales Garage Sale 9am-4pm Friday & Saturday, August 12th & 13th 2294 North Fork, Seaside	401 Garage/Yard Sales Nancy Carruthers Moving Sale 1975 SE 2nd St, Astoria Friday & Saturday, August 12th & 13th 9am-6pm
Tools, antique furniture, milk can collection, European collection of paper beer mats, collection of European foot warmers, and miscellaneous.	Nancy's artwork and craft, lots of art supplies, furniture, miscellaneous kitchen things, hutch, bookshelves, printers, chairs, large bedroom set with TV cabinet, shop supply cabinets, things in the garage.
GARAGE SALE House & shop sale! Lots of guy stuff; tools, hunting & fishing, chainsaws, table saw, floats, old beer pictures, 2 boats, collectibles & household. 689 SW Juniper Ave Warrenton OR. Aug 19, 20, 21 at 9am	VENDORS WANTED Sashay Craft/Gift Fair October 22nd, 2022 Tables available Call 503-325-2100
FIND IT, TELL IT, SELL IT! Classified ads! 503-325-3211	Yard Sale Friday August 12th & Saturday August 13th 10am-3pm 106 Summit Ave, Gearhart (behind old Gearhart school)
Rummage Sale August 11th, 12th & 13th 9am-4pm daily BIGGEST & BEST EVER!	Household items, desk, chair, bookshelf, quality clothing and shoes, books, and lots of miscellaneous.
Pacific Grange 90475 Highway 101, Warrenton	

8-12 CRYPTOQUIP

EJKUY EMK OBZJEBIZ UKDQBYHU
XUY RI RCXIQRILY KO LRXEKBI,
CXE EJRE KIY BU EJY
MRHBYH MRHBBKH.
Yesterday's Cryptoquip: IF AN INSOMNIA MEDICATION WERE MADE IN A WESTERN AFRICAN NATION, THAT MIGHT BE GAMBIAN AMBIEN.
Today's Cryptoquip Clue: Z equals G

8-13 CRYPTOQUIP

MSTCT GK TSMXERT XFAVF PEBC
ZGHBT YAKCVPHR PG EQY ZKGL
VEPFGHAV VFSKVF TCKOAVCT:
LETT PKEQTAP.
Yesterday's Cryptoquip: THOSE TWO FIGHTING SOLDIERS USE AN ABUNDANCE OF CAUTION, BUT THAT ONE IS THE WARIER WARRIOR.
Today's Cryptoquip Clue: F equals H