

## True State of Renewable Energy 2019/2020



Spain's offer to host COP25, the IPCC's poster child for climate change, after Chile withdrew, is not making the global headlines as it should. Why would such a thing happen?

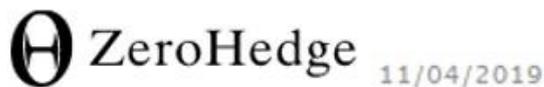


**Reuters** @Reuters · 17h

Spain offers to host COP25 climate change summit after Chile's withdrawal  
[reuters.com/article/us-chi...](https://reuters.com/article/us-chi...)



Additionally, the U.S. specifically, the White House, has formally begun the process of leaving the Paris Climate Accord. Now, two more countries abandoned the Paris carbon cause.



## White House Formally Begins Process Of Leaving Paris Climate Accord

"Today the United States began the process to withdraw from the Paris Agreement," announces [@SecPompeo](#) in statement.



U.S. DEPARTMENT OF STATE  
Office of the Spokesperson

For Immediate Release

STATEMENT BY SECRETARY MICHAEL R. POMPEO

November 4, 2019

On the U.S. Withdrawal from the Paris Agreement

Today the United States began the process to withdraw from the Paris Agreement. For the terms of the Agreement, the United States submitted formal notification of its withdrawal to the United Nations. The withdrawal will take effect one year from delivery of the notification.

As noted in [his June 1, 2017 remarks](#), President Trump made the decision to withdraw from the Paris Agreement because of the unfair economic burden imposed on American workers, businesses, and taxpayers by U.S. pledges made under the Agreement. The United States has reduced all types of emissions, even as we grow our economy and ensure our citizens' access to affordable energy. Our results speak for themselves: U.S. emissions of criteria air pollutants that impact human health and the environment declined by 74% between 1970 and 2018. U.S. net greenhouse gas emissions dropped 13% from 2005-2017, even as our economy grew over 13 percent.

The U.S. approach incorporates the reality of the global energy mix and uses all energy sources and technologies cleanly and efficiently, including fossil fuels, nuclear energy, and renewable energy. In international climate discussions, we will continue to offer a realistic and pragmatic model – backed by a record of real world results – showing innovation and open markets lead to greater prosperity, fewer emissions, and more secure sources of energy. We will continue to work with our global partners to enhance resilience to the impacts of climate change and prepare for and respond to natural disasters. Just as we have in the past, the United States will continue to research, innovate, and grow our economy while reducing emissions and extending a helping hand to our friends and partners around the globe.

♥ 123 4:43 AM - Nov 5, 2019



The reason being, is phrased so succinctly, “incorporates the realities of global energy mix.” But what does the global energy mix mean?



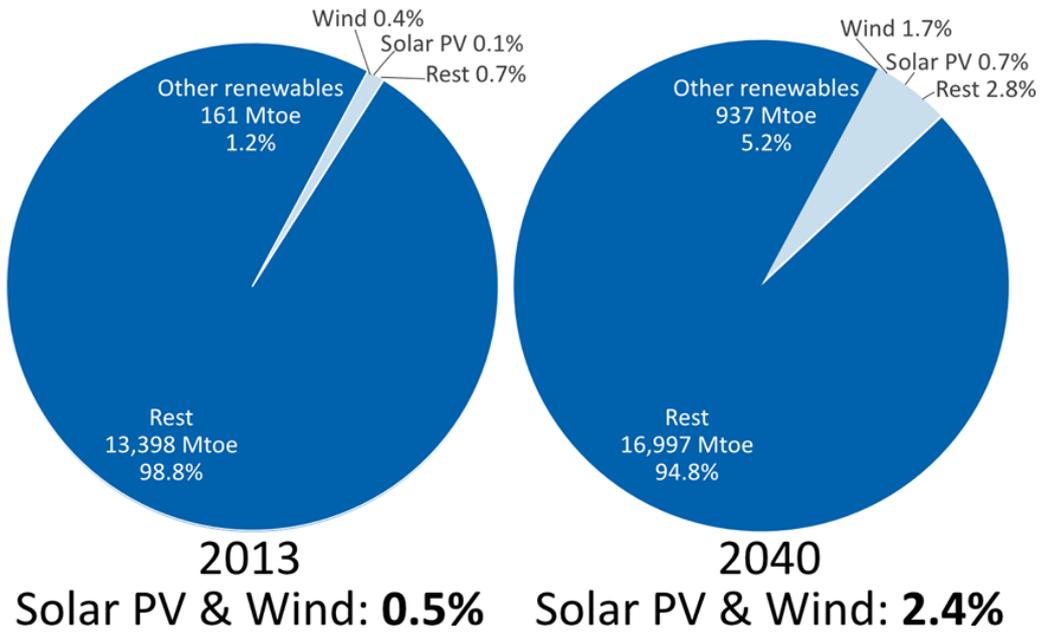
## White House Formally Begins Process Of Leaving Paris Climate Accord

In the statement, Pompeo reiterated that the US quit the agreement because of the “undue economic burden” placed on the US, while insisting that the economy has meaningfully reduced emissions without adhering to the deal’s precepts. He added that the US’s “approach” toward lowering emissions [incorporates the realities of the global energy mix.](#)

Before discussing that issue, I find it very strange that *DuckDuckGo*, which is uncensored, also Google and Yahoo do not present any updated version of images regarding the IEA for the 2018 World Report. Why is the 2018-2019 updated information difficult to find? The most updated version in a general search engine is in 2015. You should also be curious about these things. Anyway, the projections for solar photovoltaic and wind are only 2.4% by 2040, which is 20 years from now.

# IEA 2015 World New Policies Scenario

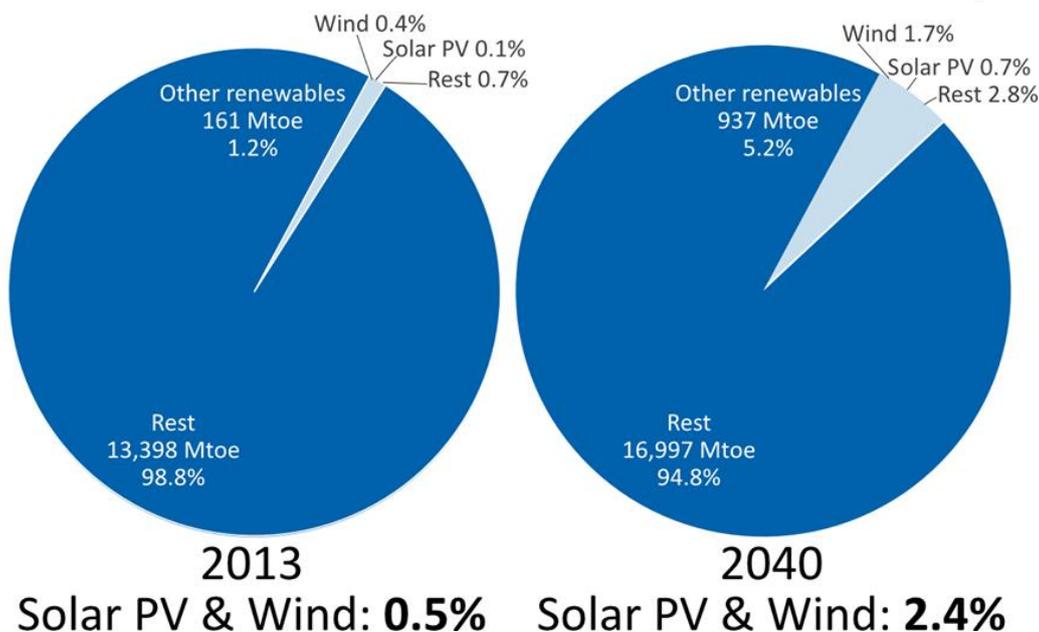
	Energy demand (Mtoe)						
	1990	2013	2020	2025	2030	2035	2040
<b>TPED</b>	<b>8 772</b>	<b>13 559</b>	<b>14 743</b>	<b>15 503</b>	<b>16 349</b>	<b>17 166</b>	<b>17 934</b>
Coal	2 221	3 929	4 033	4 112	4 219	4 322	4 414
Oil	3 237	4 219	4 461	4 540	4 612	4 675	4 735
Gas	1 662	2 901	3 178	3 422	3 691	3 977	4 239
Nuclear	526	646	831	923	1 042	1 127	1 201
Hydro	184	326	383	426	467	502	531
Bioenergy	905	1 376	1 541	1 639	1 727	1 805	1 878
Other renewables	37	161	316	442	591	758	937



Wind, according to this graphics is at 38% per year, producing 164 gigawatts.



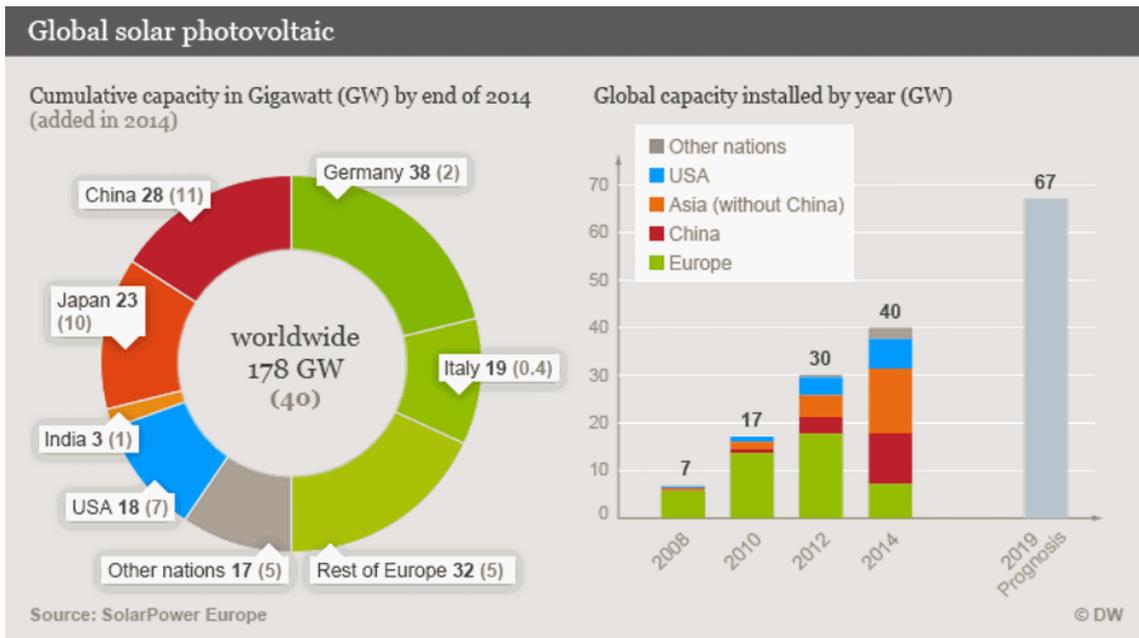
Although, according to the IEA, looking back at this time, total production was 16,000. But this has to be multiplied by a thousand because it is in millions of megawatts. So, it is about 1.6 billion megawatts of electricity, compared to 13 billion in 2013. It is then billions versus millions. Then for the wind and the solar energy in 2017, the entire planet is only bringing in 164 gigawatts for the wind, while 2 gigawatts for the solar. These are just fractions of a fraction of a percent of what is needed. So, I find it unbelievable that we still have faith we can run our economies off of this?



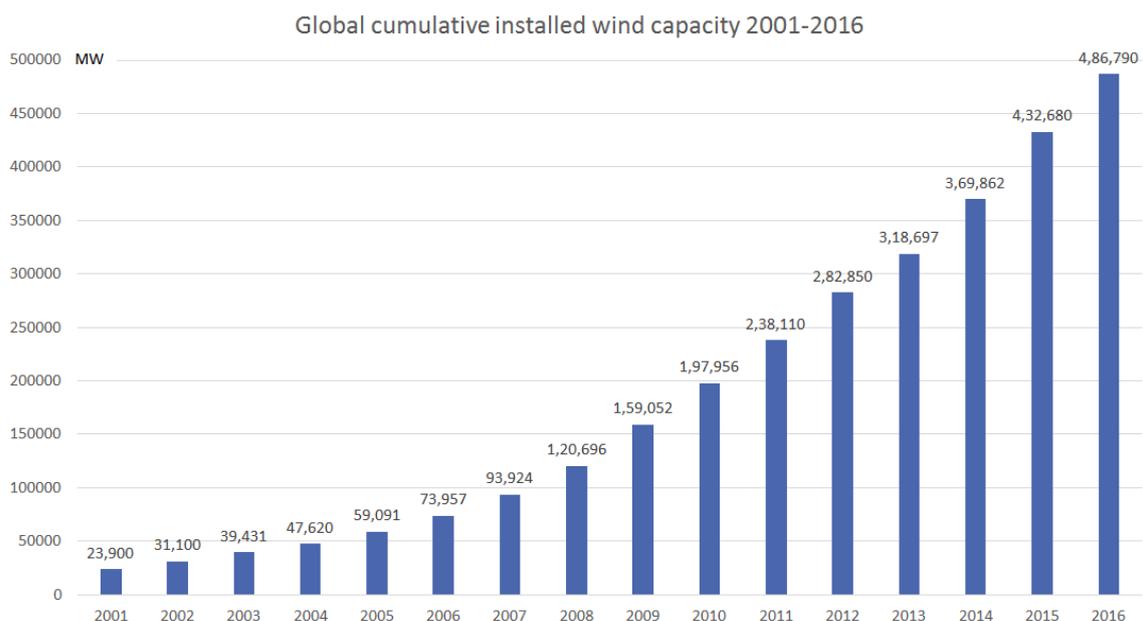
Even the large construction boom for renewable energy projects that are underway in Australia will not suffice. Remember, billions of megawatts are being talked about here, and they are thinking of 14,000 megawatts for Australia. Do you think that will really power their country?



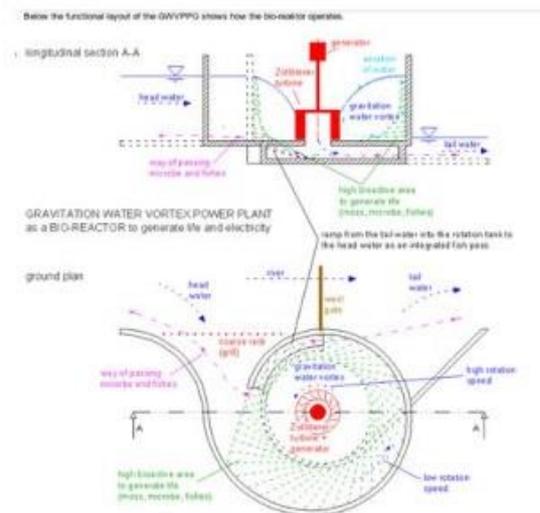
What about the solar panels, or the global solar photovoltaic? The 2019 prognosis reveals that only 67 megawatts can be generated. Is that going to save our planet?



Anyhow, maybe you want to know how much wind power is out there? This is a cumulative total of wind capacity. Then again, why does the wind industry not update its chart to 2018? They may be found on a PDF search engine, but why could it not be found in general search engines, at least up to 2018? The installation capacity is half a million megawatts, and we are up billions of megawatts. This is far short, and is not going to help our economies.



It is surprising why no one is talking about Gravitational Vortex Power (GVP) a localized solution as long as there is a year-round supply of 1 - 2 cubic meter flow of water from a stream or a river. This can even be made seasonal solutions in other areas. In fact, these units in Germany can be stepped down to 10, 20, or 30 down a stream bed, and is nearly equal the entire capacity of wind installation on our planet, but this time using water.



**treehugger** Christine Lepisto June 2, 2007  
**Gravitational Vortex Power Plant is Safe for Fish**

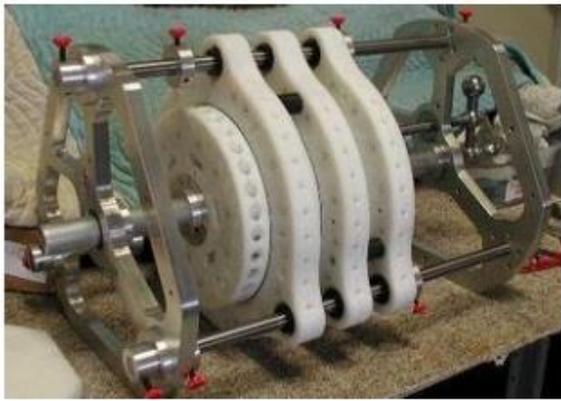


In the prototype installation, the water drop is 1.6 meters, with a flow of 1.5 m<sup>3</sup>/second, but the utilized water is 1 m<sup>3</sup>/a flow with 1.3 meters drop. The vortex basin has a diameter of 3.5 meters. In the first year of operation, the plant has yielded 20,000 kWh-hours of electricity—with efficiency of around 7.5%, a little lower than the theoretical 80% achievable efficiency due to the use of smaller generator for ease of operation. The cost for installation was about €26,000 after about 60% subsidy. At close to 15/kwh capacity, that is a sweet point that may make this technology a viable alternative energy. If it claims that the turbine

*Localized solution if there is one-two cubic meters per second continuous year round or seasonal water flow*

What about magnetic motors? Why don't we consider magnetic power on this planet? The Earth's magnetic field can drive a motor, and the mechanism behind is very simple. The north-south orientation repels, or push each other away, or spin something to create electricity.

This can be used to power LED lights to grow food indoors with hydroponics and vertical agriculture systems. With this much information regarding other renewable sources, I am wondering why industries are not talking about these solutions and are only considering wind and solar energy.



**Solution: A Family Unit Plug and Grow System**

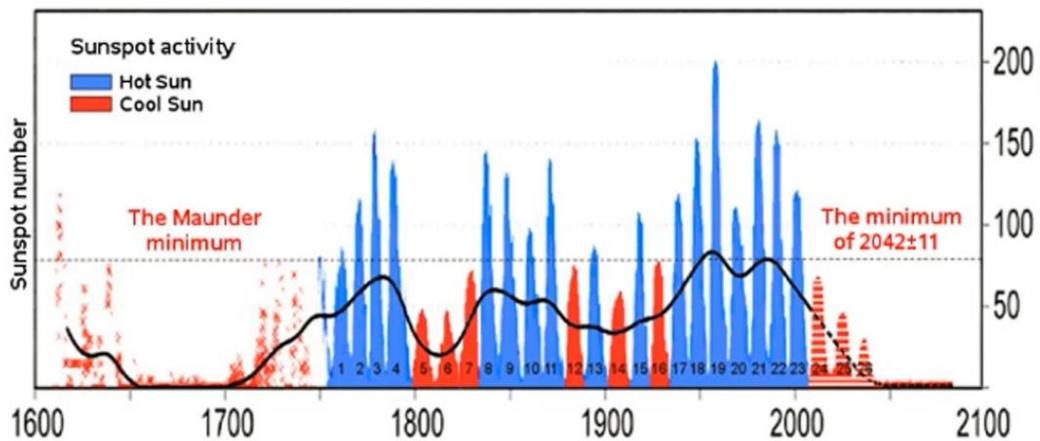
- A) Creating electricity locally using magnetic motors
- B) Low wattage all in one spectrum LED grow lights
- C) Vertical grow towers indoors



With so much that has been shown, I understand the core as to why the US and Chile dropped out of these climate agreements. We are heading into a Grand Solar Minimum and cooling across the entire planet, which can undeniably cause crop losses and economic reductions.

**THE SUN DEFINES THE CLIMATE**

*Habibullo Abdussamatov, Dr. Sc.*



*Fig. 3. Variation in the TSI drawing on the data reconstruction of Lean, J.L. (2000) and Wang Y. - M., Lean J.L., Sheeley N.R. (2005) up to 1978, sunspot activity of the Sun from 1611, and changes forecast by us after 2008 (dotted lines).*

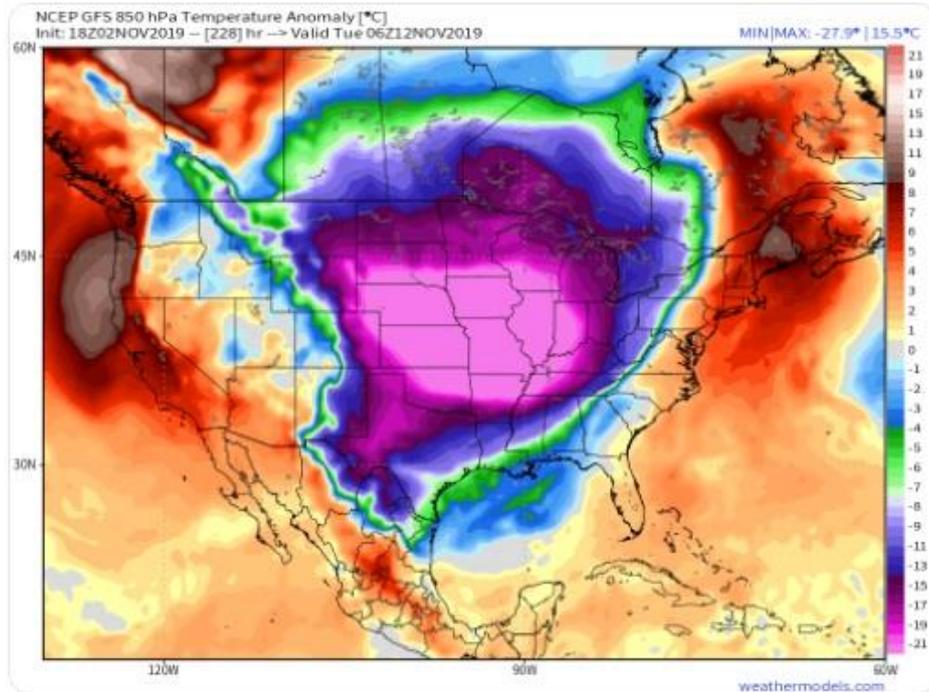
The temperature forecast for the United States tells us everything, and central grow belts have cooler temperatures every Grand Solar Minima.



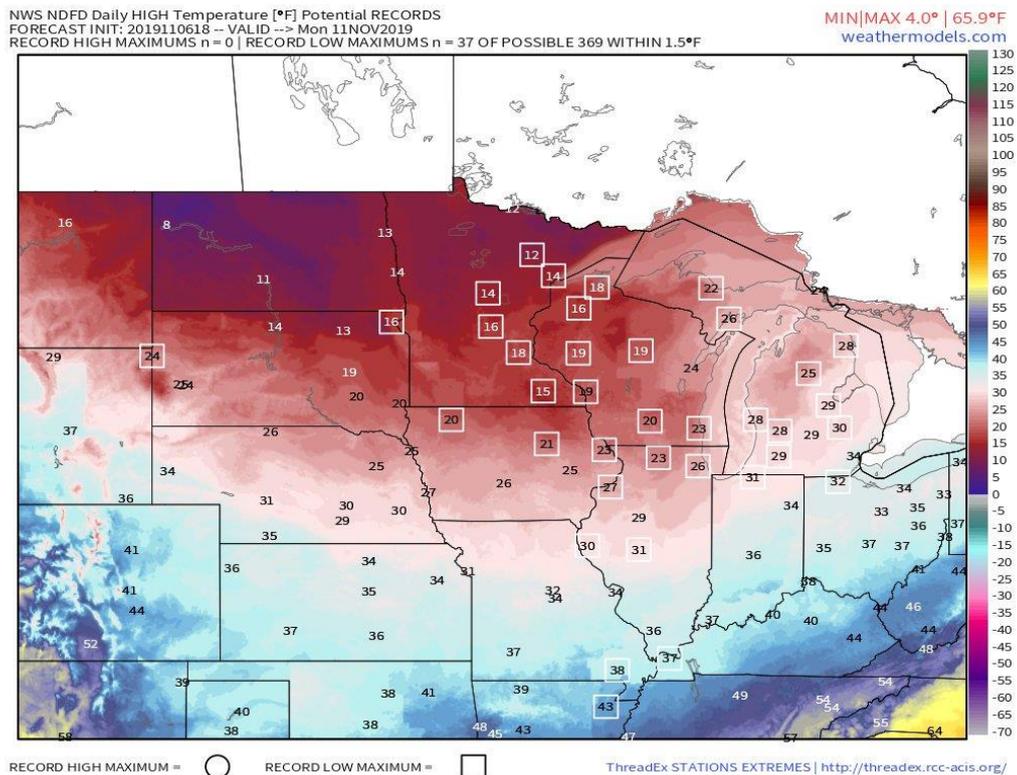
Ryan @RyanMaue · Nov 2

Will be watching the GFS weather model closely over next couple days.

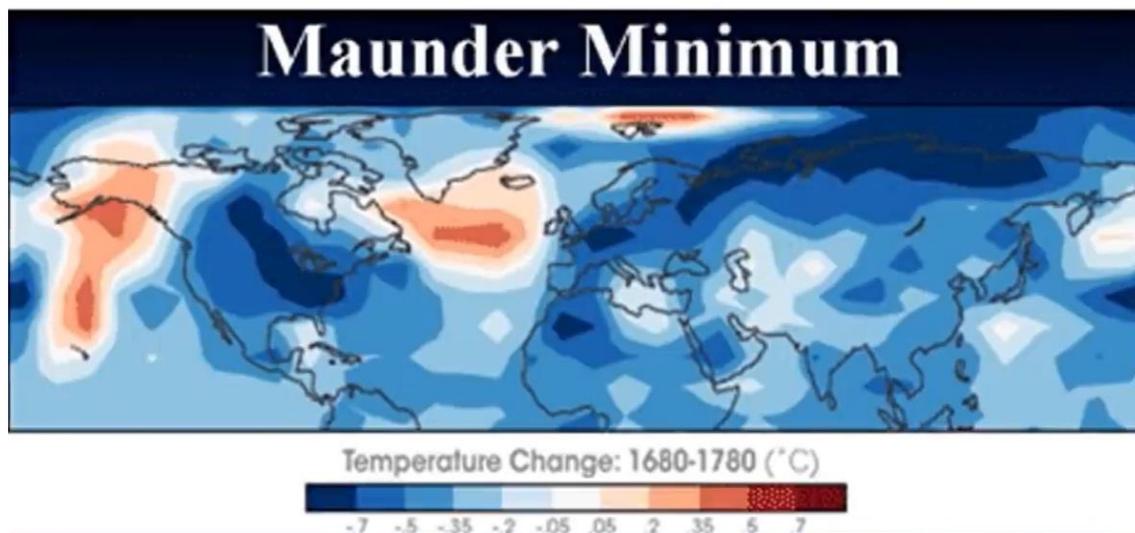
An early season extreme cold-blast could devastate the central Lower 48 by next week (Monday 11th)



Then further on, the boxes on this chart are all record temperatures, towards cold as an example in the warmest year ever.

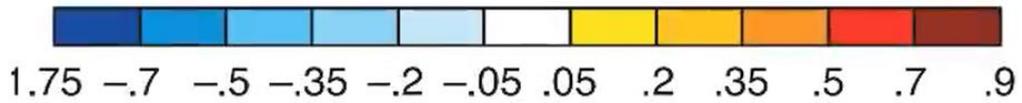
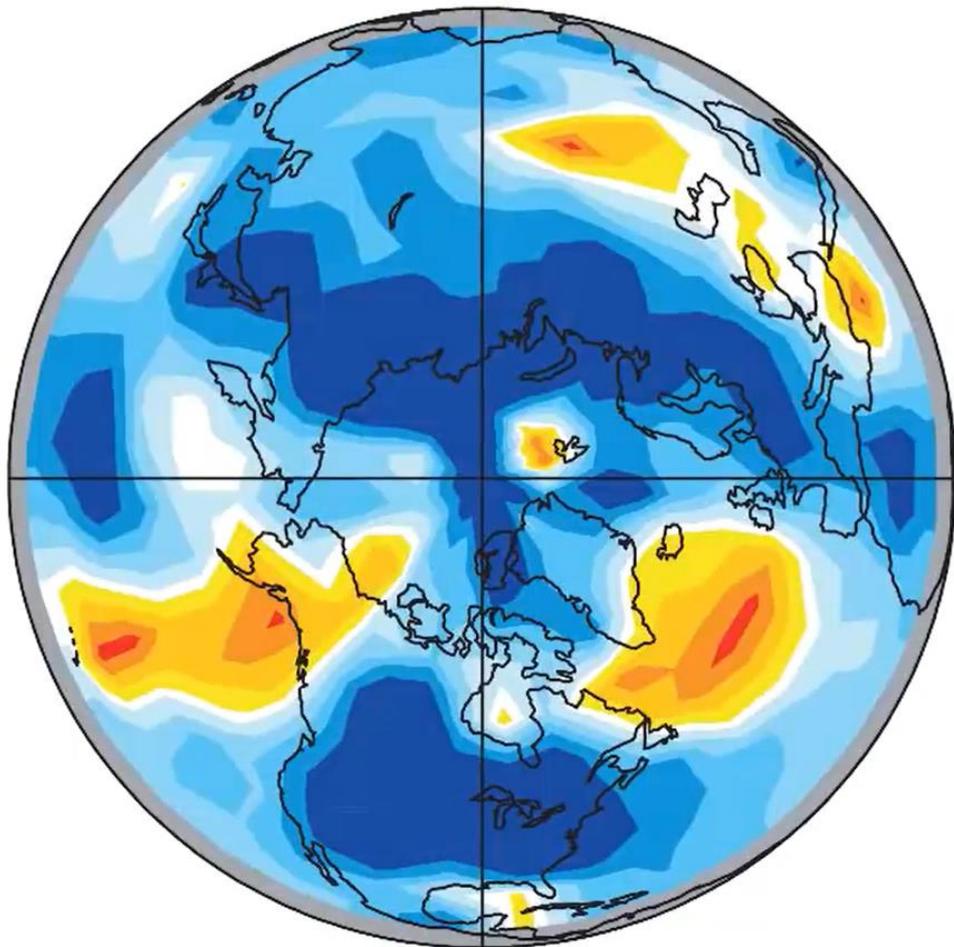


And if these are matched up to Maunder Minimum temperature reconstructions, the same areas are shown to have the same exact cooling pattern as seen 400 years ago 1680-1780.



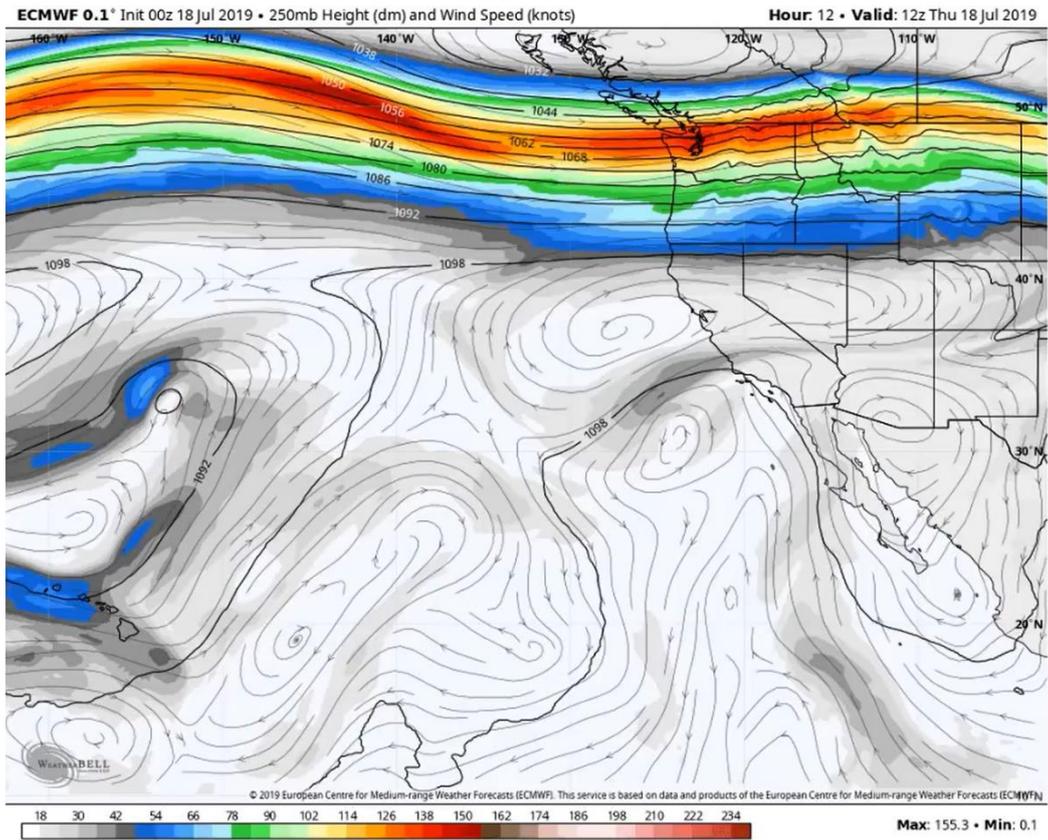
Climate scientist Drew Shindell and his colleagues at NASA GISS ran a model which included ultraviolet and stratospheric ozone. Ozone is created when high-energy ultraviolet light from the Sun interacts with oxygen. During the Maunder Minimum, the Sun emitted less UV, and so less ozone formed. The change to the planetary waves kicked the North Atlantic Oscillation (NAO) into a negative phase.

Most areas in the Northern Hemisphere, shown in this chart, are going to lose crop production because temperatures will begin to drop on a natural cycle. This is a quick analysis on why the United States and Chile are pulling out of these IPCC agreements, It's is not CO<sub>2</sub>; it is not you; it is the Sun.

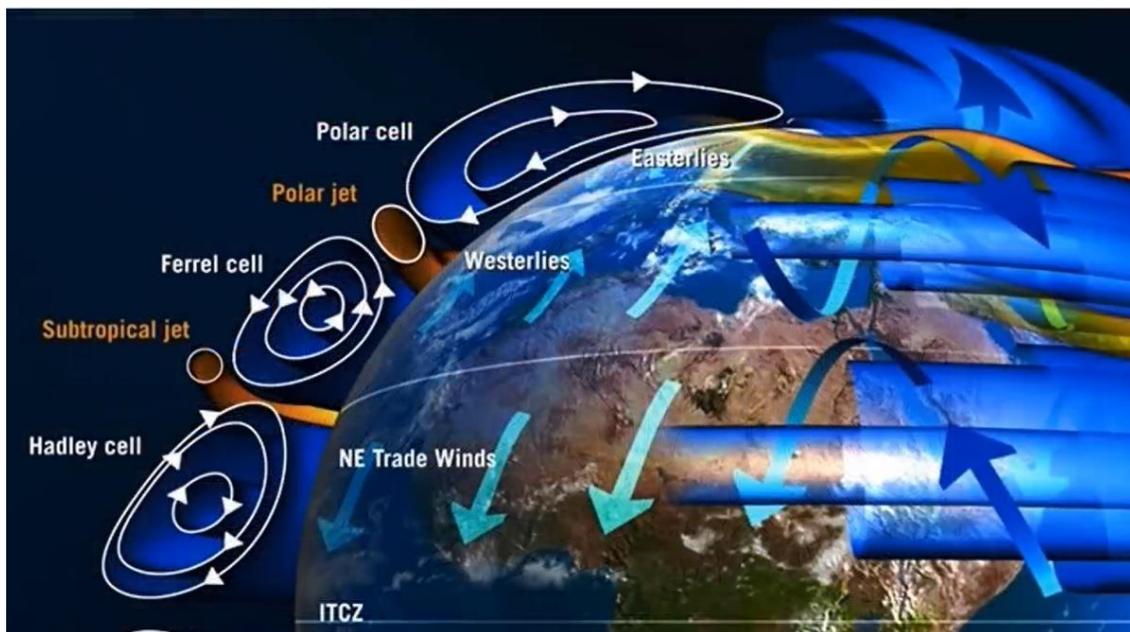


**Winter Temperature change (C)**

I encourage you to do more research on the Grand Solar Minima, how magnetic field of the Sun effect magnetic fields of the Earth and how this in turn bends jet streams, affects the Intertropical Convergence Zone (ICTZ) and Cloud Cells.



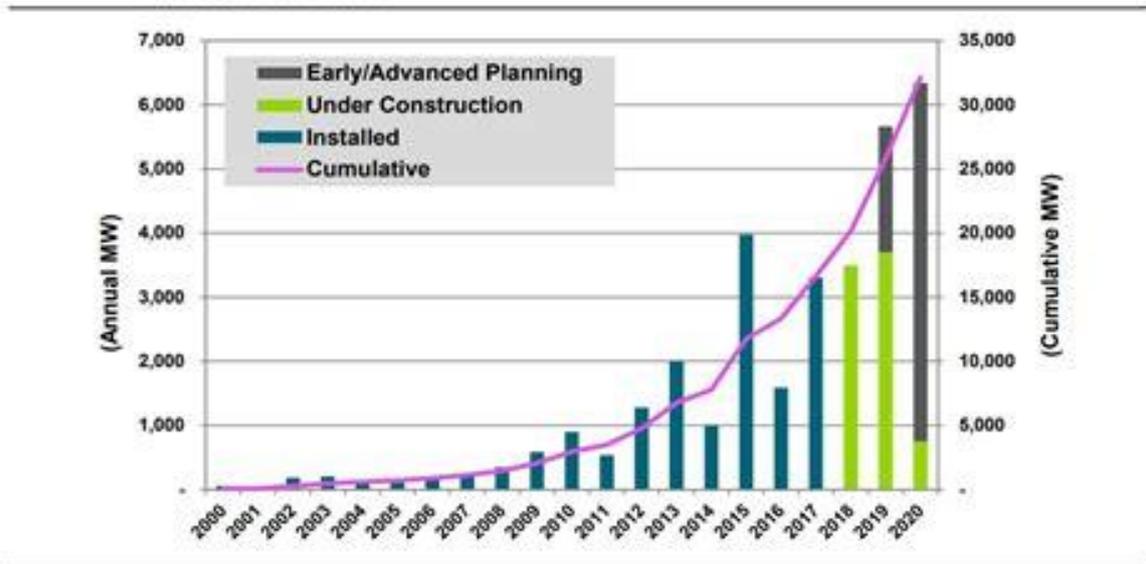
You will notice that this match, succinctly, with what happened in the Maunder minimum.



Coming back to the global mix, the forecast is up to 1.6 billion megawatts. What do you think about this tiny little fraction of just over 30,000 megawatts for the entire installed capacity for 2020?

Is this going to save our planet? Personally, I think not. You are free to agree or disagree.

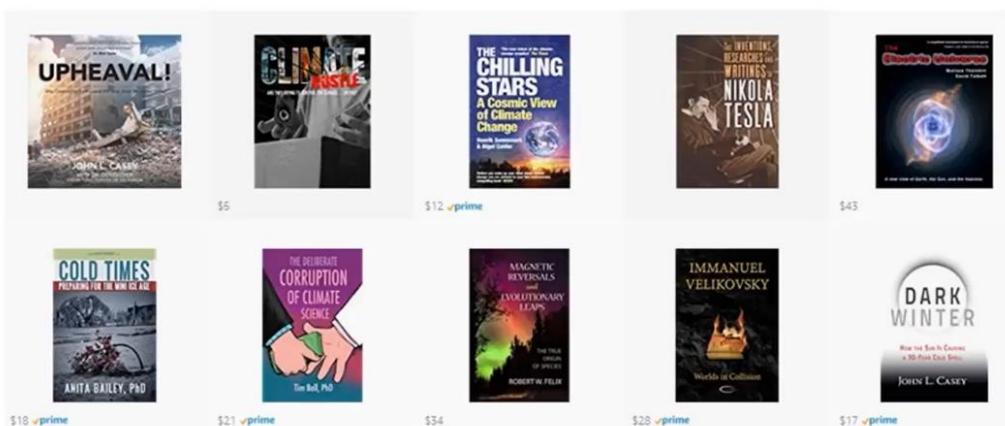
**Chart 1.1** Capacity of Wind Projects Online, Under Construction, and in Planning, World Markets: 2000-2020



Note: This chart does not represent an installation forecast.  
(Source: Navigant Research)

In any case, I have put together a reading, of at least 30 different books, which are peer-reviewed research from some of the best minds on our planet, to explain these timely topics, such as how to enjoy the possibilities of power presented by Nikola Tesla; and many other things.

ADAPT 2030 | David DuByne  
Grand Solar Minimum Reading List  
[www.amazon.com/shop/adapt2030](http://www.amazon.com/shop/adapt2030)



Thanks for reading, I hope you got something out of the article. If you like more content like this, I produce the tri-weekly Mini Ice Age Conversations podcast of a 30-minute in-depth analysis on the GSM you can take on the go through out your day.

### **\*\*\*Mini Ice Age Conversations Podcast\*\*\***

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Climate Revolution is a 'Must Read' for understanding our Sun driven climate as we progress deeper into the new Eddy Grand Solar Minimum. Weather extremes leading to Global food scarcity and high food prices are here now, and this book describes the expected changes, how to survive & thrive during future challenging times with practical preparations.

NEW ADAPT 2030 Climate Revolution

<https://payhip.com/b/3sVi/af5d15cc7ddd65e>

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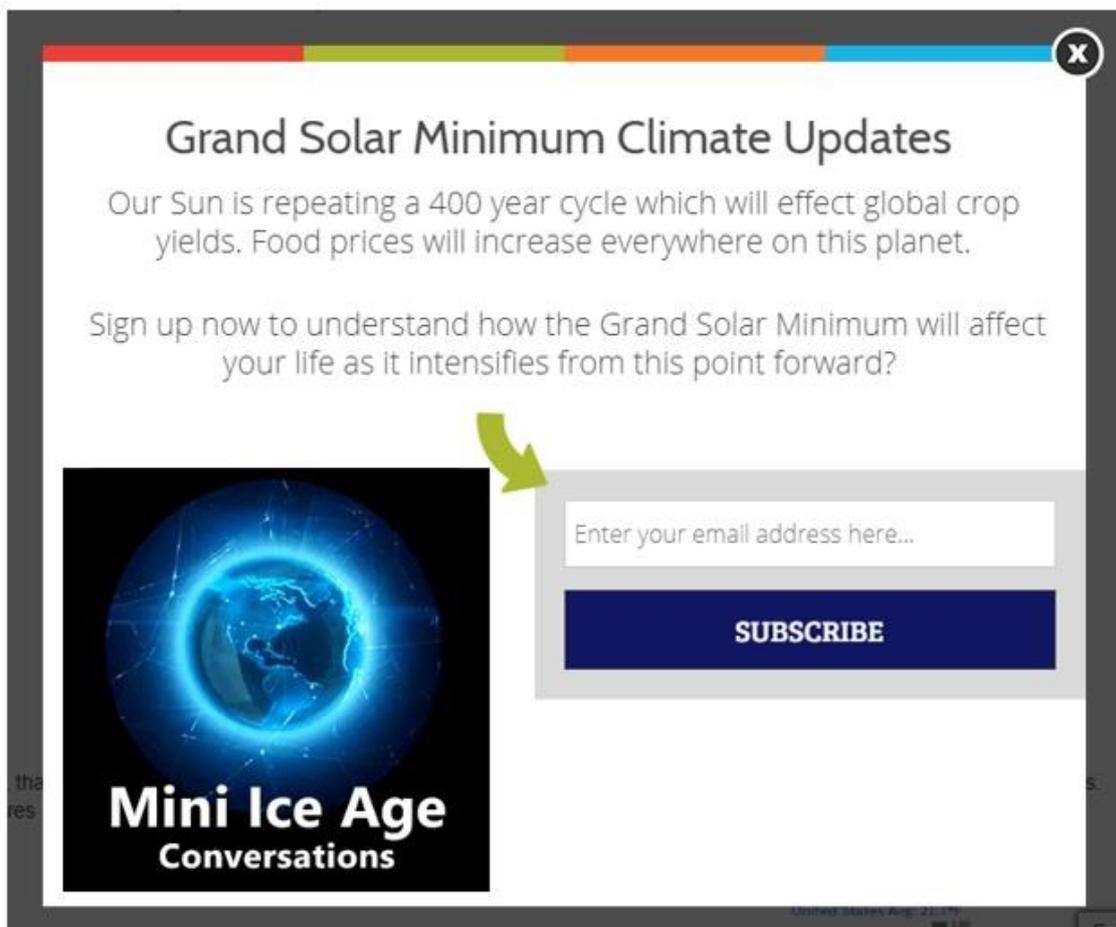
[ADAPT 2030 True Leaf Market Link](#)

ADAPT 2030 Amazon Climate Preparedness Portal

<https://amzn.to/2Q8LqrV>

For the ADAPT 2030 Grand Solar Minimum newsletter jump over to Oilseedcrops.org where you can enter your email and sign up. Move your mouse around for about 10 seconds and this box will pop up.

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White House Formally Begins Process Of Leaving Paris Climate Accord

<https://www.zerohedge.com/political/white-house-formally-begins-process-leaving-paris-climate-accord>

White House Bureau Chief Steve Herman

<https://twitter.com/W7VOA>

Ryan Maue Weather charts

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Expected Record Cold USA

<https://pbs.twimg.com/media/Elt4UovX0AEac7c.jpg>

Record departure from normal temperatures USA

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