

THE RISK TO THE ELECTRIC GRID & SOLUTIONS $5 \cdot 197$

CLERRED FOR RELEASE 07/14/2022 (ECONOMIC BATTLE PLAN® POINTS: 100)

The Risks to the Electric Grid and Solutions.

One of the biggest challenges we have as a nation is the fact that we're too arrogant to realize that our nation can be attacked. Unfortunately, we are at greater risk than we imagine. We have deep problems, issues, and vulnerabilities including American infrastructure. This is especially true in regard to our power grid.



We've talked before about Grid Security many times in the Economic War Room®. Some advancements

have been made and it is time to revisit the progress on this important topic. Also, in this week's briefing we are going to redirect you to some very specific action steps that can make a difference.



WARNING: Most people in Washington do not understand and take our electric grid for granted.

YOUR MISSION: TO PROTECT AMERICA'S ELECTRIC GRID AND TO TAKE ACTION THAT COULD SAVE LIVES!

- This briefing and the resource links are credible. The threat is real!
- Take personal action with this Economic Battle Plan™.
- Share this with at least 10 of your friends and ask them to take action.
- Be on the lookout for the upcoming *Grid Down Power Up* documentary releasing in August. Be sure to participate in the very targeted Take Action Campaign that is part of this documentary. This can make a difference!

We are frustrated that this has not been addressed by Government or utility companies. NOTHING WILL BE DONE UNTIL YOU RISE UP AND MAKE THIS AN ISSUE THEY MUST ADDRESS. YOUR ACTIONS WILL MAKE A DIFFERENCE FOR YOURSELF AND YOUR FAMILY.

"We've got a problem. It's a serious problem. But it's not being taken as seriously as it should." -Kevin Freeman



PRGE I



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Ep. 5-197(OSINT) Open-Sourced Intelligence Report. This briefing includes conversations with Kevin Freeman and Lt. Colonel Tommy Waller (Marine Reserves). Colonel Waller is Director of Infrastructure Security at the Center for Security Policy. He comes to the Center with two decades of service as a U.S. Marine Infantry and Expeditionary Ground Reconnaissance Officer with deployments to Afghanistan, Iraq, Africa, and South America. His duties have ranged from commanding infantry and reconnaissance units in combat to assignments in staff planning, logistics and professional instruction. His formal education includes numerous military schools and colleges, a degree in International Relations from Tulane University and executive education from the Wharton School.

As Director of Infrastructure Security, Tommy performs a wide range of duties for the Center for Security Policy. These duties include working daily with renowned national security experts to help educate policymakers at all levels of government, providing them with an unconstrained analysis of the current threat environment and helping them craft workable policy solutions to address these threats. Colonel Waller's research and analysis ranges from critical infrastructures to hostile ideologies where he maintains a consistent focus on helping communities understand and defend against all hazards, and all enemies – both foreign and domestic.

The grid and transformers power all critical infrastructure in the US and are being ignored!

"The first thing to recognize is that **out of the 16 different critical infrastructures that we have in our country, every single one depends on electricity.** Thus, it is the most critical of critical infrastructures, which is why we've been

focused on it for decades. The grid itself is important for people to understand what it is. What we're talking about is this incredible machine, essentially one of the most complicated ones humans have ever developed. It produces electricity, transmits it, usually across long distances, and then distributes it for use in industry and households." —Tommy Waller



Each part of grid has vulnerabilities.

First, you've got the generation plant: In America that could be nuclear, coal, natural gas, solar, wind.

In order for that power to be transported a long distance to get to the people who need it, they have to step up the voltage for those long transmission lines.



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- What steps the voltage up on one end then steps it down on the other end are transformers.
- The extra high voltage transformers are especially critical and are not even produced in the US.

"The transformers are really an Achilles heel for that whole system."—Tommy Waller





WARNING: Generation is just one area of potential vulnerability that an <u>adversary</u> or <u>Mother Nature</u> could target to take down that infrastructure.

For example, the transformers are essentially irreplaceable. Some of these transformers take 18 months to build.

- You've got about 55,000 substations across the whole country.
- » We have over 2,000 extra high voltage transformers,

If we have the transformers getting them to the right location is not easy. There's only a certain number of rail cars that can even move these across the country. They're exceptionally difficult to move. **They're custom built for the grid.**So, you really can't lose a large number of them at any one point.



ALERT: A physical sabotage from the right nine substations could take the grid out for the whole country for up to 18 months.

2. Through cyber-attacks, there's a lot of different ways these substations can be attacked and America's transformers can be catastrophically ruined.

"One of them is called the Aurora Vulnerability. Aurora is a condition where you have

rotating equipment. For example, the grid operates in a certain phase and if you can get it to operate out of phase, all this moving equipment will destroy itself.

Viewers can go to YouTube and just type in 'the Aurora experiment transformer,' to watch a Department of Homeland Security video that was meant to wake up the utility industry (but unfortunately didn't), showing a generator just cooking off and smoking, catastrophically being ruined." -Tommy Waller





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NOTE: THERE IS NO REQUIREMENT TO PROTECT AGAINST AURORA VULNERABILITY Sun Tzu, in the Art of War says, "to subdue your enemy without fighting".

- Taking the grid down would subdue this country without ever firing a shot in combat.
- This fits the Chinese play book outlined in Unrestricted Warfare.
- 3. China has taken actions to de-industrialize America and infiltrate our grid.
 - **A. Put America's Manufacturers Out of Business** China identifies a certain kind of steel that's used in the manufacturing of transformers. It is called Grain oriented steel. They dump it into the market in such a way that it puts American manufacturers out of business.
 - **B.** Undercut US Pricing The other thing they do is they make these transformers cheaper and faster than anybody else in the world as fast as they can.
 - C. If they're manufacturing, they can code them with a back door access They can bake in certain things in that design. Approximately a year-and-a-half ago, at the Port of Houston, a transformer that was being imported into the United States to be put into the US grid was seized by the federal government.

It was put under federal escort and brought to Sandia National Laboratory to be ripped apart and inspected.

- Why? Because another transformer out there in the grid somewhere was identified to have a hardware backdoor.
- According to one of the officials from the National Security Council, that hardware backdoor meant that someone could remotely turn off that transformer.



WARNING: Even without physical sabotage or cyber-attack, with a hardware backdoor that has some ability, whether it's cyber or remote control, to turn that asset off, the result is still the same.





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- **D. EMP Threat** The most catastrophic threat, which is those electromagnetic threats. **The two major vectors of vulnerability for EMP include**.
 - o Solar weather, a coronal mass ejection from the sun.
 - o A nuclear high altitude electromagnetic pulse attack.

"The bottom line is our grid is vulnerable. But not just that. We depend on the grid. Our enemies know that we depend on the grid, and they know that it's vulnerable." -Kevin Freeman

"The Congressional EMP Commission was put together by Congress to study the threat from electromagnetic pulse. What they found is that in one year without electricity, that we would lose 90 percent of our population." – Lt. Col Tommy Waller

4. US death rates are astronomical if the grid goes down and a real threat to you and your family!

"Look at Texas when the grid went down for just four days, you had 241 deaths in thatjust a three-to-four-day period of not a complete blackout. And people knew that the power was going to come back on at some point.""—Tommy Waller

A real-life scenario, are you ready for this? It can be prevented, but only if we act together now!



Life without power:

- You lose water within an hour or two. Three days without water and you are in trouble.
- Three weeks without food and more people will die.
- » Those in hospitals, on respirators will perish quickly.
- Wastewater services stop and you will not be able to flush a toilet. Without electricity it backs up, whether it is apartment complexes or residential homes. This becomes diseased water like you see in third world countries.



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- You will have societal collapse with everyone out for themselves.
- Our food structure depends on electricity, food will be scarce.
- Most grocery stores have a one-to-three-day supply. You lose refrigeration and food spoils in days.

"We lose food, medicine, we would lose the ability to travel because you can't pump gasoline. So, I get it. That's how 90 percent of the population would perish." -Kevin Freeman

Watch this short video:



5. The problem is fixable, the utility companies can do it, but the will to do it has not been there. A look at why?

The Problem: The utility industry is self-regulated.

- » They make their own rules to protect their infrastructure.
- And those rules have to be approved by the federal government for the bulk power system, FERC, the Federal Energy Regulatory Commission.



Caution: FERC does not report who is in violation of the rules they established.

"This is the only industry I know that has critical infrastructure protection standards where if the rules established by the industry and approved by the government and a utility breaks those rules, we don't get to know. We don't get to know. Congress doesn't get to know. Public service commissioners don't get to know. The federal government, FERC removes the name of that utility when they put a public notice about that enforcement action. It's the only industry that does it." -Lt. Col. Tommy Waller



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6. The Center for Security Policy is doing something about it through the legal process to expose violators among the utility companies.

One of the members from the Secure the Grid Coalition, Michael Mabee, a retired command sergeant major in the Army, sued FERC.

- He put 255 Freedom of Information Act, FOIA requests to disclose the names of more than 1500 utility violators.
- » There are 1500 utilities that have broken these rules and FERC denied it.

"He sued the federal government and he sued FERC. I'm involved in the lawsuit myself to essentially say, look, there is no reason, no national security reason why you can't release the name of these violators. So, the public gets to know. We have a right to know. The sort of pressure, with public education and public outrage, frankly, that can begin the process of causing the executives in these companies to want to do the right thing." –Lt. Col. Tommy Waller

7. How you can make a difference!

There are several ways for an outraged public to respond.

At <u>www.securethegrid.com</u>, the Center for Security Policy maintains a website on grid security.

It features the latest campaign, and that where people can make a difference, they go to the take action page, click on it, and it gives them a series of instructions on what they can do to make a difference.



The Secure the Grid Coalition was founded by Frank Gaffney who is a regular guest in the Economic War Room.

The Coalition has been around for over a decade and includes national security experts, experts on electromagnetic pulse, cybersecurity experts, all the way down to people in their state who are activists. People who are just working hard to try to protect the grid in their state.



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Still not convinced this problem needs to be fixed? Read the book, One Second After.

This story is a fictional story about a community after an electromagnetic pulse attack.

Lessons in History -

EMP and America's failure to address securing our grid. How two Congressmen found out about it this threat from the Russians and not our own intelligence community.

Tommy Waller shares the following story:

The United States found out about this because of Roscoe Bartlett and Curt Weldon, two congressmen during the whole Kosovo crisis, they were over in Europe negotiating with the Russian Duma.

And at one point the Russians were pretty upset with what the United States was doing. They said, look, if we really wanted to do you harm, we'd launch a submarine, launch ballistic missile off your coast and detonate a nuclear weapon up in space and turn off the lights.

Congressman Bartlett, Congressman Weldon looked at each other like, what are they talking about? And so, they came back to the United States, and they asked the intelligence community, what is this?

That was the beginning of what formed the Congressional Electromagnetic Pulse Commission, the EMP Commission, which published their first report in 2004.

UNFORTUNATELY, THE SAME DAY AS THE 911 REPORTS WERE PUBLISHED. SO, IT GOT ALMOST NO ATTENTION.

Since 2004 to the present day, you've had people in this community of experts, join our Secure the Grid Coalition. Dr. Peter Pry, who is the chief of staff of the Congressional EMP Commission, has been just a hero in this movement.

NOTE: Congressman Bartlett still lives off the grid today.

https://www.politico.com/magazine/story/2014/01/roscoe-bartlett-congressman-off-the-grid-101720/



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8. THE TIME IS NOW! You must speak up and take action!

"We've just had this righteous struggle to raise awareness around Grid Security." -Lt. Col Tommy Waller

Awareness is building but we need more action:

- The Coalition has been working with a series of filmmakers for the types of documentary films that can bring the attention to the American people of this significant issue.
 - o Recently one report was picked up by 60 Minutes. Mike Mabee, who sued the Federal Government, was just recently featured on 60 Minutes which has been very helpful raising in the public awareness of this issue. You can learn more at www.gridsecuritynow.com.

There are now several documentary films being released to educate on this topic and create action.

- The Black Sky Event film series by David Womack is going to be a whole series that lays this out.
- Economic War Room has featured one documentary that now has been embraced by Dennis Quaid as the narrator for this film:

Grid Down Power Up by David Tice. https://griddownpowerup.com/

David Tice and the coalition had a conference call with Dennis Quaid:

"We told him, there was probably over 100 years' worth of combined experience of people in uniform or in the CIA in this area of securing the grid. We said, 'look, we haven't made enough difference yet. With your help now, maybe we can, no pressure.' And I think that the way he (Dennis Quaid) responded was amazing. He is 100 percent behind it!" Tommy Waller







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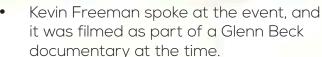
Bob Hall

A preview screening of the Grid Down Power Up documentary was held just a few weeks ago in Austin, in Texas at the Capitol.

There has been a six-plus year struggle in Texas to try to get the state of Texas to secure its grid.

NOTE: Texas could do it. They have control of their own power grid. If there was a will, Texas could secure its grid against all hazards. State Senator Bob Hall who has also been in the Economic War Room has been leading the legislation effort. Now we need the citizens of Texas to take action!

The Economic War Room team met Bob Hall before he was Senator Hall, approximately 10 or 11 years ago when he led a Tea Party in Canton, Texas.





Kevin had been warning about China and Unrestricted Warfare.



In Senator Hall's conversations with Kevin Freeman, he shared that this is the biggest vulnerability we face. This is Unrestricted Warfare on steroids.

Taking Action will be easier than ever before with the release of the *Grid Down*, *Power Up* documentary. There is a clear call to action. It is also going to be tied to an ALIGN Act campaign getting your message to targeted influencers that can make a difference.

The team has taken every recommendation that we've made over the last decade, significant recommendations.

With this ALIGN Act campaign, when people contact elected officials, they
will get to see all of the recommendations that have been made, along with
hyperlinks to show how many years ago we made these recommendations.
They must finally take action.



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- The campaign will also be able to focus on board executives at these utility companies.
- Ultimately, the biggest thing that could be done is for Congress to legislate, by law, that the utility industry will take reasonable, prudent measures to protect their assets against all hazards, and that every year the CEO of each utility would certify that they've done so. Much like the Sarbanes-Oxley legislation.
 - o That's what we need in this country. Then it would get the attention of the utility executives who would then care more about security than they maybe do about profit.
 - Shareholders ought to stand up because if you're invested in a utility and they're not protecting against this, they're putting you at risk. And that's a risk that you should not accept

Texan Alert: If you live in Texas, we need to make sure that our utilities that are doing the right thing. There have been some cities starting to address the risk but the whole state could easily be protected.

Note: "CenterPoint Energy and Siemens teamed up on some incredible technologies, for CPS Energy out of San Antonio. I don't want the viewers to think that all the utility companies are only worried about profit and not security. You've got some that are leading in Texas, but we need there to be a requirement and incentives for them to do it widespread." -Lt. Col. Tommy Waller

"One thing I'd like to add, and you can take this back to the coalition. I don't attend as often as I should, but an ALIGN Act campaign targeting the board of directors of all these utilities so that they start to get thousands of emails. Congressmen get 100s of emails a day, that's nothing new to them. But if you're a board member and suddenly they're getting emails coming in saying, 'Secure the Grid, Secure the Grid, Secure the Grid,' they're going to start to demand action." -Kevin Freeman

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Why Should You Care?

It's not a matter of if, but when.

Your Action Steps:

- 1. Stay up to date on the Secure the Grid Coalition at **www.securethegrid.com.** Consider supporting the Center for Security Policy for the important work they are doing.
- 2. See Mike Mabee's progress at www.gridsecuritynow.com
- 3. In August, look for the documentary David Tice produced, *Grid Down, Power Up,* narrated by Dennis Quaid. https://griddownpowerup.com/ and be sure to click the action button to notify Congress. Watch our episode with David Tice as well. Support this documentary being seen broadly across America with a unique Pay it Forward campaign.
- 4. For those in Texas, support Senator Bob Hall in his legislative efforts.

We are in an economic war, as you seek ways to Weaponize you Money in your Investments, Spending, and Giving consider an NSIC trained financial advisor.

If you have a financial advisor, encourage them to participate in our next NSIC class. We are building a waiting list now with our next class starting this fall.

Make sure your financial advisor has your values and interest at heart. Make certain they really understand what ESG investments mean for our future. Suggest that they become part of the NSIC institute and nominate them to participate in our online certification at **EconomicWarRoom.com/advisor**.

Financial Advisors go <u>www.NSIC.org</u>. Be sure to sign up for more information at https://www.nsic.org/nominate.html.

If you do not have a financial advisor, now is a good time to get one. We will publish a list soon of NSIC advisors who have participated in the training and elected to become part of the NSIC Institute.



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Join us weekly in the Economic War Room. We are building new solutions with thought leaders that come through our doors every week. Understanding the geopolitical landscape and threats against your money, your livelihood, and your way of life will allow you to be better prepared as the Great Reset is waged against America. Be sure to sign up for our weekly updates at https://www.economicwarroom.com.



ATTENTION: Again, if you have not contacted your financial advisor, it is time to make it happen! If you don't have an advisor, it's time to consider getting one.

Weaponize your money toward principles that support Liberty, Security, and Values (LSV). You control your giving, spending, and investing. Nominate your financial advisor to attend our NSIC online training at Liberty University.

- Investing. We suggest you get a like-minded financial advisor. We've done surveys and a clear majority of investors want an advisor who matches with their political and cultural beliefs. Unfortunately, Wall Street is pushing for you to just take what they offer in order to force a leftist agenda on you.
 - o "If your advisor isn't willing to match your investments with your values, send them to us for training and education. If they won't do that, I can promise you that there are lots of other advisors looking for new clients." –Kevin Freeman
 - o If you are following Economic War Room you will be on the leading edge as it relates to global threats, geopolitical analysis, and how you can weaponize your money to strengthen America. Your money, livelihood, and way of life are at risk and these tools are designed to mobilize America to protect their economic liberty.

In the **Economic War Room®**, we encourage Americans to be the "small ships that make the difference." You cannot solely rely on the government or the president to solve America's problems. You have to make a difference. It is up to you to help take our country back and create a voice for economic liberty. [The small ships are based on Churchill's Operation Dynamo that rescued the British Expeditionary Forces in the Miracle of Dunkirk.



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Shareable Quote:

"This is the only industry I know
that has critical infrastructure protection
standards where if the rules established by
the industry and approved by the
government and a utility breaks
those rules, we don't get to know."

-Lt. Col. Tommy Waller

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The EWR Collection Deck – From Kevin Freeman (List of resources and external links for more information)

Quick Access Links

About Lt. Colonel Waller and Center for Security Policy

About Grid Down, Power Up

The Grid Risk Overview

Solar Risks to the Grid

EMP Risks

Cyber Risk

Physical Attacks on Electric Grid

Electromagnetic Defense Task Force

NSIC Institute and LSV Investing

[] - Must Read/Watch

Where to Access Economic War Room

On BlazeTV https://get.blazetv.com/economic-war-room/

On LiftableTV https://liftable.tv/economicwarroom/

XOTV Channel https://xotv.me/channels/233-economic-war-room

Website https://www.economicwarroom.com/

PODCAST: https://www.economicwarroom.com/podcasts

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Link to all Economic Battle Plans™ https://www.economicwarroom.com/battleplans

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Episodes and Economic Battle Plans™ from Prior Shows with Application to this Topic:

06/23/22, EP194, Food Scarcity Next: What It Means for You, Lt. Col. Tommy Waller, <u>Download Economic Battle Plan™</u> 06/02/22, EP191, The Coming Food Shortage, Ross Kennedy, <u>Download Economic Battle Plan™</u>

04/28/22, EP187, I'm Mad as Hell and Cannot Take It Anymore!, Frank Gaffney, Download Economic Battle Plan™

04/21/22, EP186, Grid Down, Power Up, David Tice, <u>Download Economic Battle Plan™</u>

03/03/22, EP179, The Next Crisis: Are You Ready? Download Economic Battle Plan™

10/21/21, EP161, China Exposed, Gordon Chang, Download Economic Battle Plan™

10/14/21, EP160, Space Update - Lt. General Steven Kwast (ret), <u>Download Economic Battle Plan™</u>

10/07/21, EP159, The China Threat, Gordon Chang and Frank Gaffney, <u>Download Economic Battle Plan™</u>

08/12/21, EP151, Cyber War: Are You Ready?, Robert Douglas, <u>Download Economic Battle Plan™</u>

05/27/21, EP140, The Resilience Factor, Gen. Bob Dees, <u>Download Economic Battle Plan™</u>

02/18/21, EP126, Biden Energy Policy, Troy Andrews, Download Economic Battle Plan™

01/28/21, EP123, China Special Part 3, China Rx & China Threat, Download Economic Battle Plan™

01/21/21, EP122, China Special Part 2, Dave Brat, Eric Bolling, Download Economic Battle Plan™

01/07/21, EP120, China Special Part 1, Gordon Chana & Rod Martin, Download Economic Battle Plan™

09/17/20, EP105, IMPORTANT! China's Unrestricted Warfare, Download Economic Battle Plan™

07/23/20, EP97, China's Stealth War, Gen. Spalding, Download Economic Battle Plan™

06/11/20, EP91, China Threat, Steve Bannon, Download Economic Battle Plan™

05/21/20, EP88, We Must Win in Space, Rod Martin, Download Economic Battle Plan™

04/23/20, EP84 Solutions to the China Threat, General Steven Kwast, Download Economic Battle Plan™

04/09/20, EP82 Space War with Gen. Steven Kwast, <u>Download Economic Battle Plan™</u>

08/29/19, EP50 Kyle Bass - China Threat Exposed, <u>Download Economic Battle Plan™</u>

08/08/19, EP47 Gordon Chang - China's Plans for Domination, <u>Download Economic Battle Plan™</u>

02/21/19, EP22 Solutions to the EMP Threat, Download Economic Battle Plan™

01/03/19, EP15 Battlefield Update: A Coming Cyber Attack, <u>Download Economic Battle Plan™</u>

SPECIAL EDITION, EP08 America's Dunkirk Moment, Download Economic Battle Plan™

About Lt. Colonel Waller and Center for Security Policy

https://centerforsecuritypolicy.org/

Director of Infrastructure Security https://centerforsecuritypolicy.org/author/tommy-waller/

Tommy Waller: Food security is national security

https://centerforsecuritypolicy.org/tommy-waller-food-security-is-national-security/

Tommy Waller, The National Interest https://nationalinterest.org/profile/tommy-waller

Tommy Waller, The Texas Scorecard https://texasscorecard.com/author/twaller/

Tommy Waller, The Epoch Times https://texasscorecard.com/author/twaller/



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U.S. Marine Corps veteran Tommy Waller, left, presents an American flag to Eric Hilton Jr., during the memorial service for Eric Hilton, founder of Three Square Food Bank, at the Three Square Food ... <a href="https://www.reviewjournal.com/local/three-square-food-bank-founder-remembered-for-dedication-to-community/attachment/u-s-marine-corps-veteran-tommy-waller-left-presents-an-american-flag-to-eric-hilton-jr-during-the-memorial-service-for-eric-hilton-founder-of-three-square-food-bank-at-the-three-square-food/

Inside the Marine mission alongside African commandos http://battlerattle.marinecorpstimes.com/2012/09/26/inside-the-marine-mission-alongside-african-commandos/

Making Up the Oyster Bed https://oyster-obsession.com/tommy-waller-the-oyster-bed/

Secure the Grid Coalition https://securethegrid.com/about-us/

About Grid Down, Power Up

https://griddownpowerup.com/

HOW CAN WE PROTECT THE US POWER GRID? FILM PRODUCER DAVID TICE EXPLAINS IN AN EXCLUSIVE INTERVIEW.

https://thewashingtonmail.com/how-can-we-protect-the-us-power-grid-film-producer-david-tice-explains-in-an-exclusive-interview/

Discussing the US Power Grid with Entrepreneur and Film Producer David Tice https://www.theamericanreporter.com/discussing-the-us-power-grid-with-entrepreneur-and-film-producer-david-tice/

Exclusive Interview With David Tice About Grid Down https://think7figures.com/exclusive-interview-with-david-tice-about-grid-down/

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