



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021	
COMMITTEE: Utilities			
TESTIFYING: <input checked="" type="checkbox"/> IN SUPPORT OF <input type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: ARNIE "HONEST-ABE" DIENOFF-STATE PUBLIC ADVOCATE		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL: ArnieDienoff@Yahoo.Com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 1:17 AM	
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I am favor of this Bill if you provides a Eletric Generating Customer to be on the same playing field as all other customers.



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WITNESS NAME			
REGISTERED LOBBYIST:			
WITNESS NAME: B S TANKSLEY		PHONE NUMBER: 573-893-1400	
REPRESENTING: MISSOURI FARM BUREAU		TITLE:	
ADDRESS: 701 SOUTH COUNTRY CLUB			
CITY: JEFFERSON CITY		STATE: MO	ZIP: 65101
EMAIL:	ATTENDANCE:	SUBMIT DATE: 2/17/2021 12:00 AM	

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WITNESS NAME			
REGISTERED LOBBYIST:			
WITNESS NAME: BRENT STEWART		PHONE NUMBER: 573-659-3442	
REPRESENTING: ASSOCIATION OF MISSOURI ELECTRIC COOPERATIVES		TITLE:	
ADDRESS: 2722 EAST MCCARTY			
CITY: JEFFERSON CITY		STATE: MO	ZIP: 65101
EMAIL:	ATTENDANCE:	SUBMIT DATE: 2/17/2021 12:00 AM	

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WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: CHRISTOPHER ROHLFING		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL:	ATTENDANCE:		SUBMIT DATE: 2/17/2021 12:00 AM
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WITNESS NAME			
REGISTERED LOBBYIST:			
WITNESS NAME: FRED DREILING		PHONE NUMBER: 8168066335	
REPRESENTING: CITY UTILITIES OF SPRINGFIELD		TITLE: LOBBYIST	
ADDRESS: 7325 , SUMMIT			
CITY: KANSAS CITY		STATE: MO	ZIP: 64114
EMAIL: freddreilingllc@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 9:03 AM	
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WITNESS NAME			
REGISTERED LOBBYIST:			
WITNESS NAME: FRED DREILING		PHONE NUMBER: 8168066335	
REPRESENTING: MISSOURI ASSOCIATION OF MUNICIPAL UTILITIES		TITLE: LOBBYIST	
ADDRESS: 7325 , SUMMIT			
CITY: KANSAS CITY		STATE: MO	ZIP: 64114
EMAIL: freddreilingllc@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 9:01 AM	
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WITNESS NAME			
BUSINESS/ORGANIZATION:			
WITNESS NAME: JAMES HOLTZMAN		PHONE NUMBER: 314-282-9490	
BUSINESS/ORGANIZATION NAME: CLEAN ENERGY DESIGN GROUP, INC.		TITLE: SECRETARY	
ADDRESS: 1357 MCCAUSLAND AVE.			
CITY: SAINT LOUIS		STATE: MO	ZIP: 63117
EMAIL: jholtzman@cedg.us	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 3:30 PM	

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Please assist in providing a level playing field in the renewable energy industry by supporting net metering and decentralized generation opportunities and new jobs in Missouri.



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WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: PATRICK OEHLISCHLAGER		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL:	ATTENDANCE:		SUBMIT DATE: 2/24/2021 12:00 AM
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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: ABEL BOOTH		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: abelalanbooth@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 5:39 PM
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What you are proposing would hurt the customers who have solar as well as discourage the growth of the industry. It would be discriminatory to individuals who want to use solar. It will also hurt the growth of the solar industry that is creating good jobs for Missourians. It will only make the rich richer, will not do anything of true value to Missouri



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: ALFRED LEON MOON		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: leonmoon4@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/19/2021 5:39 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

To committee members for bill HB539, My wife and I, noticing that interest rates were low, were looking for a way to invest what we had to get a better return on our invested money. We discovered that solar energy would be a way to invest our savings that would work for us. I am retired from the University of Missouri and my wife has been a music teacher and journalist, before she retired. Our investment in solar power has met our needs and we know from our research that it is a way we can actually invest in our co-op. From an article in the March 2020 issue of Renewable and Sustainable Energy Reviews "A review of the value of solar methodology" written by MTU professor Joshua Pearce and graduate student Koami Soulemame Hayibo we discovered some myths about solar power costing consumers and/or electric coops debunked. Customers who have solar panels actually help their electric coop by cutting down on the extra expense of expanding overloaded grids. In a Popular Mechanics article in Feb 2021 we read that solar panel users will not of financial necessity increase the rates for their neighbors electricity, but the findings showed that homes with solar panels are "heavily subsidizing their local electrical grids." We discovered in what we read: "To calculate this number, they broke down the "value of solar (VOS)" into a list of parameters: "The avoided costs considered are: plant O&M [operation & management] fixed and variable; fuel; generation capacity, reserve capacity, transmission capacity, distribution capacity, and environmental and health liability." "By considering each variable with an individual sensitivity analysis and then combining all those values into one master VOS figure, the scientists quantified how much solar-powered homeowners feed back into the grid. That's not just their actual excess solar power during peak sunlight hours, but also the way their investment in panels saves utilities from investing their own money in infrastructure improvements," This being the case this committee should consider what solar panel customers are doing for the grid and take that into account when approaching this bill. You will find the following results if researched properly. "Grid-tied utility customers are being grossly under-compensated in most of the U.S." This bill needs to go back to the drawing board and study the plan further. It has many problems that will cost our state a great deal of money in the long run and put us behind in providing power to consumers. With some reworking of this bill the problems could be eliminated and I would like to offer the services of my wife and I in researching some alternatives to the problem areas of this bill. Here are the key issues. 1. This bill would allow utilities to self-regulate demand charges and create a financial burden on those who have chosen to go solar whether for financial or clean energy reasons. There is no set figure on what would be charged to those with solar and no clause to consider the financial impact on those who in good faith invested their money in solar. As a reminder, electric co-ops were developed as a service to underserved citizens, not as for profit organizations. 2. This bill allows utilities to charge back grid upkeep and equipment to solar consumers with no cap. Once again no set amount and no limits to what can be charged for updating the coops old and outdated equipment and a chance for preferential treatment and cost allocations which is not acceptable way of doing business to those who have

entered into this investment in good faith.3. There is no grandfather provision for those who are early adopters in new technology. This needs to be provided so to protect early investors from a change in policy which could cause them financial loss due to its implementation.4..Utilities want to create a new rate class towards solar which would significantly discriminate against solar users. On the surface this is a thinly veiled effort to kill solar power and would put us significantly behind other states5. If a bill be needed we need to organize a committee made up of utilities representatives, solar power representatives, and current solar power consumers to work together and produce something that moves our great state into a place where it will be better able to compete with the unstoppable progress that is being made in the field of energy production. My wife and I would be willing to serve on such a committee and have had past experience serving on public service committees.6.As this bill stands now it will actually kill 2,000 plus jobs in our state at this time alone and many more in the future. There is room for all forms of energy to work together and make our state a better one for supplying power and prevent what has happened in Texas from happening here by lessening the impact of major weather storms on our grids and providing aid to the burden that must be born so that it is not solely born by any one source of energy. Solar energy is desiring to aid our power structure and lessen the burdens of inclement weather on the current structure, not take it over. To not work with solar is a step backward in issues facing power suppliers.Reference to the Popular Mechanics article cited<https://www.popularmechanics.com/science/energy/a35474729/solar-panels-bring-down-energy-costs-for-everyone/>



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: ALLAN SELF		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: paleocene@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 11:58 AM
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I'm a homeowner in Missouri and I want the Missouri legislature to encourage the adoption of solar electricity, not make it more difficult and expensive.



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WITNESS NAME		
REGISTERED LOBBYIST:		
WITNESS NAME: ANDREW LINHARES		PHONE NUMBER: 314-471-9973
REPRESENTING: RENEW MISSOURI ADVOCATES		TITLE:
ADDRESS: 409 VANDIVER DRIVE, BUILDING 5, SUITE 205		
CITY: COLUMBIA		STATE: MO
		ZIP: 65202
EMAIL:	ATTENDANCE:	SUBMIT DATE: 2/24/2021 12:00 AM
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WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: ARNIE C. AC "HONEST-ABE" DIENOFF-STATE PUBLIC ADVO		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL: arniedienoff@yahoo.com	ATTENDANCE: Written	SUBMIT DATE: 2/24/2021 12:23 AM	
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I am Opposition to this Bill. This puts more money in the pocket of the Utility and passes more expenses onto the Customer.



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WITNESS NAME		
BUSINESS/ORGANIZATION:		
WITNESS NAME: BEN FISCHER		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME: FISCHER SOLAR LLC		TITLE: OWNER
ADDRESS:		
CITY: MARTHASVILLE		STATE: MO ZIP: 63357
EMAIL: info@fischersolar.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 5:40 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

As a local Missouri solar installer, and as a licensed professional engineer with a background in the electric utility sector: while the proposed bill includes, in my opinion, one good nugget in forcing all installers to make realistic long term solar production and earnings estimates to Missourians, including realistic rate growth expectations, I am strongly opposed to the wording in this bill which effectively allows implementing "demand" fees and/or extra charges on citizens who install solar, or in implementing excessive regulations, unnecessary extra costs, and additional hurdles on Missouri homeowners who choose to install solar systems. One needs only look to see what happened in Kansas when Evergy forced its solar customers on to demand type billing- there was huge confusion among Kansas citizens and an astounding drop in solar installations. If the intent by the Missouri legislature is to deal a body blow to residential solar installers while simultaneously discriminating against those Missouri citizens who choose to install solar, this bill is definitely the way to go. If Missouri needs to move to demand-based billing at the residential level for other reasons or to promote infrastructure changes to grow renewable energy, which benefits ALL Missourians, then it should be done for ALL electricity users. Before anyone starts thinking Missouri solar is a harm to ratepayers (however slight), let's discuss a few facts: In 2019, approximately 94% of Missouri electricity generation was non-renewable, and mostly coal burning. Of the approximately 6% that was renewable, approximately 2/3 was hydro and 1/4 was wind. In fact, solar currently is only approximately 0.60% of Missouri generation. The level of solar penetration in Missouri is minimal. The current proposed legislation changes will result in reducing solar energy in Missouri and eliminating jobs while simultaneously increasing pollution in the state. I oppose this bill as written, as Missouri is already one of the worst states in the Union for renewable energy, and this bill negatively affects and particularly penalizes those who decide to personally invest in grassroots Missouri renewable energy, which benefits all Missourians.



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: BILL BASTA		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: william.basta@sbcglobal.net	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 8:32 PM
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This bill would hurt all customers who have installed solar in the state of Missouri and future customers who have interest in installing solar making solar unaffordable. This bill would hurt several small business solar companies causing increased unemployment. This bill would also cause higher utility bills for many customers who currently have solar and who are entertaining going solar in the future.



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WITNESS NAME			
REGISTERED LOBBYIST:			
WITNESS NAME: BRIDGET SANDERSON		PHONE NUMBER: 913-449-8825	
REPRESENTING: ENVIRONMENT MISSOURI		TITLE: DIRECTOR	
ADDRESS: 31 W. 31ST ST.			
CITY: KANSAS CITY		STATE: MO	ZIP: 64108
EMAIL: bsanderson@environmentmissouri.org	ATTENDANCE: Written	SUBMIT DATE: 2/24/2021 7:41 PM	

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Chairman Kidd and Member of the Committee, As the Director of Environment Missouri, a citizen-based environmental advocacy organization, I speak on behalf of our members across the state to request that you oppose HB 539. If passed, this bill will effectively disincentivize rooftop solar in the state. In Missouri we are highly dependent on fossil fuels to power our homes and businesses, even when scientists continue to warn of the disasters of climate change. Instead of attacking solar energy and Missourians who have invested in solar panels, we should work to diversify our electricity generation, specifically with clean, renewable energy. This is why we are asking the committee to oppose HB 539. As we saw last week, with freezing temperatures, our electrical grid is an antiquated, brittle system. How do we prevent what happened in Texas and Missouri from happening again? For starters, we would produce more of our power locally. Rooftop solar, energy storage technologies such as batteries, electric vehicles and community "microgrids" all have a role to play. Rooftop solar panels can be a difference-maker in extreme weather, and add value to Missouri's grid, because they produce energy very close to where we use it. Solar users help limit the need to generate power at centralized fossil fuel plants and reduce the need for costly investments in power distribution and transmission. Those avoided costs are especially valuable during hot summer months when electricity demand spikes along with air conditioning use -- and when solar panels are most productive. Since they generate electricity at the point of use, solar panels can also improve grid efficiency and save costs by reducing the amount of energy lost during distribution and transmission. Finally, solar resources diversify the state's energy supply and reduce financial risks posed by volatile fuel sources. These grid benefits are valuable to the utility and to every ratepayer, not just those with panels on their roofs, reducing costs and improving service across the board. In order for us to prevent another energy crisis, we must encourage renewable energy adoption and can do this through net-metering. Net-metering is critical for Missourians to be able to invest in solar energy. We can look to our western neighbors in Kansas who have also been through legislation and rate proposals attacking solar customers, to see some of the dangers of undermining net metering. When Evergy, Inc. decided a grid access fee for only solar users, this rate proposal ended up in the Kansas Supreme Court who found the proposal discriminatory. Utility companies continue to argue that Missourians with solar panels are making electricity more expensive for those customers who do not own solar panels. Policies that support solar development such as net metering prove well worth the investment when the full value of solar energy is taken into account. Numerous studies commissioned by state Public Utility Commissions that have included its full scope of benefits have found that distributed solar generation is worth more than its retail price, and that the benefits of distributed solar energy outweigh the costs of net metering. Without a full value of solar study in the state, it would be impossible for utility companies to know. That is because utility companies, who profit from our continued use of fossil

**fuels, continue to fight against expansion of solar use in the state of Missouri. As the climate crisis looms, we must support Missourians who look to decentralize our current energy grid with renewable energy sources. We all want clean air and water for our future in Missouri, one way to do that is to continue the support of net-metering for solar users. We respectfully urge you to vote no on HB 539. Thank you Chairman Kidd and members of the Committee. Sincerely, Bridget Sanderson
Director Environment Missouri**



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: BRONWEN E MADDEN		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: bronwenelizabeth@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 7:45 PM
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I don't believe there should be a fee for having solar as it's an economic development job creator. Why discourage creating clean energy jobs or discourage residents from investing in the creation of clean energy jobs? Everyone stands to benefit from solar energy including utility companies. There is no sense and having a fee attached to solar.



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WITNESS NAME			
BUSINESS/ORGANIZATION:			
WITNESS NAME: CALEB ARTHUR		PHONE NUMBER: 417-260-5090	
BUSINESS/ORGANIZATION NAME: SUN SOLAR, MISSOURI SOLAR ENERGY INDUSTRIES ASSOCIATION		TITLE: CHIEF EXECUTIVE OFFICER	
ADDRESS: 2531 NORTH PATTERSON			
CITY: SPRINGFIELD		STATE: MO	ZIP: 65803
EMAIL:	ATTENDANCE:	SUBMIT DATE: 2/24/2021 12:00 AM	
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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: CAROLYN AMPARAN		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: carolyn.amparan@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 5:29 PM
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I am opposed to HB 539. My husband and I are owners of solar panels on our home. When we made the decision to use solar panels to generate some of the electricity needed for our home, we factored the impact of net metering into the financial decision. Over the course of a year, these panels produce less than the total amount of electricity than we utilize but with net metering there is a flow of power between our panels and the local utility that benefits everyone. When our system produces more than we need, these kilowatts are available to the utility at a very low price, which is reflected as a credit to our account. This bill discriminates against people who want to do the right thing for the quality of our air and avoid air pollution by investing in clean energy from solar panels. It discriminates against citizens who want to generate some of their own electricity. This bill would also have the impact of hurting the solar sales and installation industry at a time when the entire economy is suffering from a pandemic. Additionally, in order to be an attractive state for new and growing businesses, Missouri needs to have laws favorable towards clean, renewable energy rather than opposed to it. Many businesses will only locate in a state where they can get clean energy for their operations either through purchase or through onsite self-generation. Make Missouri competitive and oppose this bill. We made over a \$30,000 investment in solar panels. This investment benefits both us and the utility company with clean, renewable energy for which the utility company did not have to make a capital investment. It is wrong to charge me more for making a private investment that also benefits the community.



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: CHERYL Y MARCUM		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:	STATE:	ZIP:
EMAIL: cymarcum@windstream.net	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 3:25 PM

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House Bill 539 destroys Missouri residents' personal investments in clean solar energy! My husband and I testified about solar investments and net metering at committee hearings in Jefferson City, probably that was in 2007 and maybe 2008. If weather and coronavirus permitted, we would testify before your committee this week with our 14 years of experience living with rooftop solar; regrettably, it is not safe to do so. My husband and I were the first homeowners to connect a solar energy generating system to the grid in the Missouri area serviced by Associated Electric (rural electric generating cooperative in Springfield) and KA-MO Electric (rural electric generation and transmission cooperative headquartered in Vinita, OK) in 2006. Three years later, Missouri enacted its Net Metering law after 66% of voters voted YES for Proposition C in 2008! The Associated/KA-MO service area included all of rural Missouri (not including small towns with municipal electric utilities) plus a bit of northeastern Oklahoma and southern Iowa, shown in green here. They and our local distribution rural electric cooperative, Sac Osage Electric, did not want us to connect to "their grid." Funny, as new electric cooperative "members" moving back to the farm where I grew up, we thought it was "our grid" and their job was to manage it for the good of us collective members. Our files record the stories of the obstacles they placed in our determined path. Over months, we consulted many parties, including Warren Wood, then a member of the Public Service Commission. We were living in the metropolitan Washington, D.C. area while we built our award-winning energy efficient solar home here in Cedar County, so our consultations were mostly by long distance phone calls, letters, and some emails. During one phone conversation, Warren told us that we needed to understand how the electric cooperative thought of us: "You're nothing more than a couple of irritating gnats flying under an exploding atomic bomb!" In other words, "cooperative" in the public entity's name was a misnomer! I told him that the gnats were moving here to stay, swarms were sure to come behind us; we were reasonable people, and they needed to work with us to figure out how to interconnect our solar system to "our" cooperative's grid, so they would be ready for those who came behind us. In 2006, the only solar installer we found in southwest Missouri was not even a company, it was Professor Art Boyd, who taught solar technology at Crowder Community College; perhaps you know him. We had to reach beyond Missouri which had no solar industry at that time; we hired Alpha Technologies to fly in from Colorado to install our original 3.1 kilowatt solar system. So, as customers who wanted to spend money on solar energy installation, we experienced firsthand what it was like before Missouri had a solar industry. We do not want to go back there. People who care about Missouri jobs do not want to go back there. In contrast, today Missouri boasts 114 solar companies working throughout the value chain. We interconnected in September 2006. The first months, we received no credit for the kilowatt hours our system generated and sent to our cooperative's grid during moments when our house could not use them. For the first 10 years or so, someone at Sac Osage penciled in our numbers on our monthly statements. We celebrated when we received our first statement with our numbers published

on it. Our original goal was to install enough rooftop solar PVs to offset half of our monthly electric load over the course of a year. We monitored production and consumption very carefully and were thrilled when the numbers showed our little 3.1 kilowatt system accomplished our goal! We started saving money as soon as Sac Osage figured out how to start recording our production and consumption manually on our monthly statements. We loved knowing that the cost of the solar kilowatts our system produced and our house consumed would never go up. We were safe from sure-to-come electric rate increases for that half of our power demand. We also felt pride knowing that our little system contributed to reduced infrastructure upgrades for Sac Osage because they didn't have to build new substations and heavier transmission lines to deliver the kilowatts our system produced for our personal use. That meant our investment saved money for other members who did not have solar. The mutual savings and benefits were so clear to us then—and even more so now 14 years later—that we were shocked during the first few years when we heard Sac Osage leaders assert publicly on several occasions that members without solar systems were subsidizing our little system. We were so pleased with our return on our original solar investment and we felt good about doing our part to reduce carbon emissions that cause climate change. We were even proud to reduce our electric cooperative's fixed costs a tiny bit by generating half of our electricity that they did not have to generate or deliver. By 2013, we had decided to double the size of our solar system to benefit from generating approximately 100% solar energy to power our energy efficient passive solar home. With no moving parts and essentially guaranteed performance, we knew first hand it was the best financial and environmental investment we could possibly make. I always wanted to drive a car that "ran on sunshine." By coincidence, in 2013, GM started selling hybrid electric Chevy Volts in Missouri. I bought one. In 2014, we installed more solar PVs. We sized our new solar system in conjunction with our original system to produce approximately 100% of the electricity required to power our all-electric house and my new Chevy Volt. Aside from building an energy efficient passive solar house, our solar electricity generating system is the best investment we ever made! The electric cooperatives' assertion that "members" without solar subsidize solar customer-generators is just wrong and I believe they are smart enough to know it. They have surely read the same "value of solar" studies I read in recent years. Just this week, Popular Mechanics published such a study, <https://www.popularmechanics.com/science/energy/a35474729/solar-panels-bring-down-energy-costs-for-everyone/>. For your convenience, I copied the following four paragraphs from that study. "In the March issue of Renewable and Sustainable Energy Reviews, Michigan Technological University professor Joshua Pearce and graduate student Koami Soulemene Hayibo publish their new findings about the cost of solar panels. They say utilities have worried that solar panels increase the cost for surrounding homes, maybe based on the idea that these neighbors could be charged higher rates to compensate for "missing" electricity customers. Instead, Pearce and Soulemene found that homes with solar panels are heavily subsidizing their local electrical grids—to the point that their research calls for regulatory reform. To calculate this number, they broke down the "value of solar (VOS)" into a list of parameters: "The avoided costs considered are: plant O&M [operation & management] fixed and variable; fuel; generation capacity, reserve capacity, transmission capacity, distribution capacity, and environmental and health liability." By considering each variable with an individual sensitivity analysis and then combining all those values into one master VOS figure, the scientists quantified how much solar-powered homeowners feed back into the grid. That's not just their actual excess solar power during peak sunlight hours, but also the way their investment in panels saves utilities from investing their own money in infrastructure improvements, for example." All electricity customers are not the same. It costs more to deliver power to the customer at the end of a line, but cooperatives do not charge them more. Part-time residents and seasonal residents do not consume electricity at the same rate as full-time residents; they do not charge them more. Solar customer-generators use less electricity and that saves wear and tear on the electric cooperative's infrastructure, it slows the need to build more substations and bigger transmission lines (reduces required transmission capacity), the polar opposite of the HB 539 assertion that solar customer-generators require cooperatives to spend money on "necessary electric distribution system upgrades." On-site solar customer-generators even reduce transmission loss as electricity flows along the power lines. Missourians consume nearly 10 times as much energy as generated in our state, so utilities, including cooperatives, send Missouri money out of state to buy most of our electricity. Policies that enable that practice support jobs outside Missouri which is not good for Missourians or Missouri's economy. The swarms did come behind us and they are growing. When homeowners invest in their own solar systems, they effectively stop buying the fossil fuel otherwise required to generate the kilowatt hours required to power their homes, buildings, and charge their electric vehicles. With the flick of the switch that connects each solar system to the grid, homeowners stop paying to mine and ship trainloads of coal from Wyoming's Powder River region for combustion at Associated Electric's plant west of Springfield and suck methane out of the ground and pipe it to combust at AE's three combined-cycle gas plants and three gas peaking plants, then distribute it by land lines to power our homes, buildings, and vehicles. It is so

much better for our citizens and our economy to invest in local solar energy which assures energy resiliency and produces good-paying, skilled jobs right here in Missouri. Solar energy is good for homeowners, businesses—most everybody, except the powerful fossil fuel industry. Please protect Missourian's right to invest in solar energy and receive all of the associated financial and environmental benefits. When the electric cooperatives talk about adding demand charges to residential billing and other obstacles, ask them to show you studies by solar experts that demonstrate their need to recover the various kinds of charges they say they need. I trust you are also reading those studies as a routine part of your job performance. Solar will be one of the key energy sources going forward. Please act for the health of our state and its citizens by enacting legislation and policies that enable Missouri to become a leader in distributed solar energy as well as community solar. Thank you for considering my testimony. If you have questions, I would be happy to answer them.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021	
COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
BUSINESS/ORGANIZATION:			
WITNESS NAME: CHRISTINA A OTT		PHONE NUMBER: 4178382189	
BUSINESS/ORGANIZATION NAME: GARDNER CAPITAL		TITLE: DIRECTOR OF OPERATIONS	
ADDRESS: 4803 S NATIONAL AVENUE SUITE 300			
CITY: OZARK		STATE: MO	ZIP: 65810
EMAIL: cott@gardnersolar.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 10:56 AM	

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This bill is job killer in the solar industry and takes away customer options for power. The only people it benefits is the large utility companies.



MISSOURI HOUSE OF REPRESENTATIVES
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COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
BUSINESS/ORGANIZATION:			
WITNESS NAME: CORINNE SULLIVAN		PHONE NUMBER: 573-635-0211	
BUSINESS/ORGANIZATION NAME: PROST BUILDERS		TITLE:	
ADDRESS: 3617 ROUTE CC			
CITY: JEFFERSON CITY		STATE: MO	ZIP: 65109
EMAIL:	ATTENDANCE:	SUBMIT DATE: 2/17/2021 12:00 AM	
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: DANIEL MUELLER		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: drewdmueller@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 6:41 PM

THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.

HB539 would eliminate clean energy jobs and increase utility costs of current and future owners. This gives utility companies, which are already a monopoly even more power and disincentives people to become more energy independent



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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: DANIEL TUTTLE		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: danieltuttle627@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 11:39 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Renewable energy and solar in general is a booming industry in our state. This bill would effectively kill the industry and cause many people to lose their livelihood. The fact that you, a Republican, are sponsoring a bill LIMITING the people you represent and their choice to use renewable energy and be more independent is despicable and you should be ashamed of yourself.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021	
COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
REGISTERED LOBBYIST:			
WITNESS NAME: DAWN NICKLAS		PHONE NUMBER: 573-619-3573	
REPRESENTING: MISSOURI COALITION FOR THE ENVIRONMENT		TITLE:	
ADDRESS: 3115 SOUTH GRAND SUITE 650			
CITY: ST LOUIS		STATE: MO	ZIP: 63118
EMAIL:	ATTENDANCE:	SUBMIT DATE: 2/17/2021 12:00 AM	

THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: DENA AARON		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: dnaaron2@charter.net	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 11:16 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

This bill is totally unfair to MO residents who have taken the initiative to help with the environment by utilizing solar technology. They were hoping to save money also in the long run, this bill will stifle solar progress and keep Missouri from progressing to better means getting clean energy. All our residents need to look to the future and keep moving toward improving our environment instead of destroying it. This bill is very unfair to a segment of our residents. Please vote NO on this bill.



MISSOURI HOUSE OF REPRESENTATIVES
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COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: DEVON BLANKENSHIP		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: dssblankenship@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 5:09 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Solar is such a great asset in Missouri - please do not charge our citizens more for reducing our carbon footprint and protecting against power outages! Missouri needs MORE jobs, not fewer. My family would be directly affected by this bill passing. Please reconsider!



MISSOURI HOUSE OF REPRESENTATIVES
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COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: EILEEN J STEWART		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: heartwynd@aol.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 9:24 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Please do not regulate the solar industry out of business just because utility companies feel threatened. Tell them to switch to supporting green energy instead and get with the future instead of clinging to the past. We got past the horse and buggy - we can get past oil, coal, and gas.



MISSOURI HOUSE OF REPRESENTATIVES
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BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: ELAN MCMILLIN		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: 4006hartford@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 11:31 AM

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Maintaining Net Metering is vital for the solar industry, which is growing and creating jobs in Missouri.



MISSOURI HOUSE OF REPRESENTATIVES
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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: ELIZABETH HOBBS HOBBS		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: elizabeth.hobbs02@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 9:41 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Cheap, accessible and affordable solar energy is important to me now, and in the future. Form my personal plans to invest in solar when I own my own home to the needs of energy independence for out nation. I found the popular mechanics article called "Your Neighbors Solar Panels are Secretly saving you Money" enlightening (pun intended!). Please consider this article before moving forward with the bill.



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COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
BUSINESS/ORGANIZATION:		
WITNESS NAME: ERIN NOBLE		PHONE NUMBER: 3142182663
BUSINESS/ORGANIZATION NAME: STRAINGTUP SOLAR		TITLE: STRAIGHTUP SOLAR LLC
ADDRESS: 11696 LILBURN PARK ROAD		
CITY: ST LOUIS	STATE: MO	ZIP: 63146
EMAIL: erin@straightupsolar.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 7:02 AM

THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.

I'm Erin Noble and I am testifying on behalf of StraightUp Solar a Maryland Heights Heights, MO based solar installation company. We were founded in 2006 and employ 85 people in jobs ranging from solar installers, electricians, designers, sales people, and more. As an owner of StraightUp Solar and the person responsible for hiring and expansion, I can speak first hand to how HB539 will negatively affect Missouri's ability to benefit from the booming solar industry (one of the fastest growing industries in today's economy). Appropriate state policy is the number one factor in determining whether a state will benefit from the clean energy transition. Even before this anti-solar legislation is considered, Missouri already lacks many of the favorable pro-solar policies strong solar states have in place. We rank as "C" on Renewable Energy World's State report card for solar power. We are a \$20 million revenue a year company and provide good paying jobs with great benefits packages for 85+ team members. Moreover we hire electrical sub-contractors across the region. They too depend on our success to pay their workers. Please do not hamstring the solar industry in a state that is already well-behind the curve on executing state policy that attracts renewable energy investment. The small handful of other states who have passed bad net metering legislation such as this have seen an exodus of solar development from the state, at the very time where solar is the leading job creator and tax revenue generator in pro-solar states. Thank you for considering the damaging repercussions of HB539. Please vote NO and oppose HB539.



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COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: FLOSSIE HENDERSON		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: flossiehenderson3@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 9:11 PM
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I'm in opposition to this bill.



MISSOURI HOUSE OF REPRESENTATIVES
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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: FRANCES BABB		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: francesbabb@swbell.net	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 3:06 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

As a result of net-metering and easy connect laws that were past, we decided to spend \$70,000 installing a solar energy system for our home and then subsequently purchased two electric cars. It would be very wrong to change the rules now that we have spent so much money.



MISSOURI HOUSE OF REPRESENTATIVES
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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: GARY MCMILLIN		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: gwmcmillin@aol.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 6:55 PM

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Please do not pass any legislation that discourages investment in renewable energy. These jobs and the energy they provide are the best hope for the future of the Country.



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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: HEATHER MCMILLIN		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL: hgaehlem@yahoo.com		ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 6:13 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: JAIME CUSICK		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: jbasel@aol.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 1:03 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Solar panels are an inexpensive way to generate power. My family invested in them years ago and have been extremely happy with the choice we made. Please do not hurt families with these bills.



MISSOURI HOUSE OF REPRESENTATIVES
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BILL NUMBER: HB 539		DATE: 2/24/2021	
COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
REGISTERED LOBBYIST:			
WITNESS NAME: JAMES M OWEN		PHONE NUMBER: 417-496-1924	
REPRESENTING: RENEW MISSOURI ADVOCATES		TITLE:	
ADDRESS: 409 VANDIVER, SUITE 205 BUILDING S			
CITY: COLUMBIA		STATE: MO	ZIP: 65202
EMAIL:	ATTENDANCE:	SUBMIT DATE: 2/17/2021 12:00 AM	
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021	
COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: JAMIE MCMAHAN		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL: incitefulreverie@gmail.com		ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 4:52 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: JESSE BREMER		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: jesse@soleraenergy.io	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 11:19 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Hello my name is Jesse and I'm in opposition of this bill because it will put me out of a job. I have 2 kids and a wife to support and Solar is all I know. Also, clean energy is the focus for our future and making this a clean environment for generations to come. Thanks



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: JONATHAN CLEMENTIR		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: jon@jmcsolarinstaller.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 5:33 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Sample1Hi, my name is Jon and I live in Springfield, MO and if this bill passes, there is a good chance I will be out of a job. This bill is not good for my family, nor the state of Missouri. Sample2Good Morning, I am in opposition to this bill as in the middle of an epidemic, this proposal will kill many jobs in the state, where finding a good paying job has already been a struggle over the last 11 months. Sample3Hello Missouri, please do not pass this job killing bill, this will severely impact my family as well as many others. It can be brief but any emotion you can tie into it, the better. Remember PUSH job killing, impact on you and your loved ones.



MISSOURI HOUSE OF REPRESENTATIVES
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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: JONATHON J MARTIN		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL: jj@soleraenergyllc.com		ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 5:08 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			

Good morning, my name is JJ and I live in Springfield, MO. If this bill is passed, it would severely restrict our ability to continue as a viable business. This would negatively impact 115 different lives of me and my fellow Missourians. It is not good for my family, my coworkers, my town, or my state.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: JOSEPH ROGERS		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: rojo165@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 8:39 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

I ask my legislator to please oppose HB539. It's a homeowners "right" to use equipment, such as solar panels, on their home. The utility companies should not be allowed to charge us extra fees for using solar to save ourselves money... especially when they are having excessive usage and blackouts!!! Keep utility companies out of what we put on our homes!! I'm contributing back to my electric company by helping ease the load with my solar, even with the weather like it's been. Solar is under attack by MO lawmakers. The Missouri rural electric cooperatives have had legislation introduced that would eliminate solar jobs, specifically in rural Missouri, AND increase utility costs of current and future solar owners. I ask my legislator to please oppose HB539. Missouri needs more jobs right now...not fewer!



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: JUDITH MCKINNON		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: judymac@socket.net	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 5:28 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

This Bill refers to a tariff...calculated to prevent unfair subsidization of the customer-generator.
Attached is an article in Popular Mechanics that discusses the myth of solar panels causing increased costs for neighbors.Your Neighbor's Solar Panels Are Secretly Saving You Money
(popularmechanics.com)



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: JUSTIN BEARD		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: justnbeard@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 5:19 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

I disagree with the notion of this bill and feel it is unnecessarily crippling alternative energy business in Missouri as well as residents who choose to utilize these sources. Missouri residents should be able to make decisions about their energy sources that best fits their needs and ideals without being hampered or punished because of a decision to utilize renewable energy sources. Also this move will hinder the efforts of business small and large who are making renewable energy services available for Missouri residents, which will lead to stunting growth in the fastest growing energy segment in our state and country, giving way to these companies to develop their prospects more in neighboring states. The demand for renewable energy sources has been increasing in Missouri and all around the country, and decisions should not be made to affect that flow because it will lead to increased costs to consumers and decreased energy independence.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021	
COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: KAITLYN JOHNSON		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL: katygirl72005@yahoo.com	ATTENDANCE: Written		SUBMIT DATE: 2/16/2021 11:11 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			

This bill WILL kill jobs, mine being one of them. Thousands of people who have THE RIGHT AND FREEDOM to choose to implement solar (whether it be to save money, or the help the environment) will be UNJUSTLY punished for doing so. It is a JOB KILLER and only a temporary "solution" for utilities and will most certainly have worse consequences in the long run.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: KAREN B MEYER		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: kb2bird@sbcglobal.net	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 5:44 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Dear Utilities Representatives, I believe that solar energy is very necessary to give us safe and clean energy, and nothing should stand in the way of folks like me who either currently have solar panels, or are thinking about doing so. Besides ruining solar investments around the State, this bill will also kill thousands of jobs. The solar industry currently employs 3,000 Missourians, and this could be on track to increase if the value of solar energy's future expansion is appreciated. Thousands of customers have already invested in solar. This new fee will ruin any chance they have of receiving a return on their investment. How can we even consider killing jobs and increasing utility bills during an economic downturn? I don't believe that would be smart or morally right. Solar customers reduce stress on the grid. We can see how that is very important right now during this frigid weather. The cooperatives will say that other customers are subsidizing solar customers. But I see that a new report says the total opposite here in this Popular Mechanics article: <https://www.popularmechanics.com/science/energy/a35474729/solar-panels-bring-down-energy-costs-for-everyone/> I'm urging all the committee members to vote NO on House Bill 539. It's just not good for Missourians. We must be forward thinking and look to renewables for a brighter future. Sincerely, Karen B. Meyer



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: KATRINA SPIVEY		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: spiveykatrina@yahoo.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 4:38 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

I believe in solar and right now we need more jobs not less.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
BUSINESS/ORGANIZATION:		
WITNESS NAME: KEI PANG		PHONE NUMBER: (314) 6162646
BUSINESS/ORGANIZATION NAME: NIDEC MOTOR CORPORATION		TITLE: VICE CHAIRMAN
ADDRESS: 8050 WEST FLORISSANT AVE		
CITY: ST. LOUIS		STATE: MO
		ZIP: 63136
EMAIL: kei.pang@nidec-motor.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 5:22 AM

THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.

I am a representative of Nidec Motor Corporation (formerly Emerson Motor Company) with our main office in Ferguson, Missouri. I urge you to not support HB 539 as it would cost our company business opportunities and job losses in Missouri. We are currently talking to St. Louis Metro, Bi-State Development, New Flyer and Mobility House offering them renewable energy (including solar) and energy storage solutions for charging their fleet of electric buses. Our solutions would help balancing load demand and improve electric grid stability. Our solutions would actually help utility companies to be more efficient and thus ultimately lowering costs to all consumers. I asked that you do not support any changes in regulations that would hurt the renewable energy sector. Thank you.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: L GLEN WILLIAMS		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: gwilliams@semo.edu	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 1:25 PM

THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.

Dear Representatives Kidd, Bromley, McCreery, others on the Utilities Committee, and Representative Seitz, After watching our electric bills climb, year after year, my wife and I scrimped and saved to purchase a solar system. We did so in late 2019, installing the components on our shop’s metal roof. Slowly and steadily we are recovering some of our investment, watching our bank account begin to replenish a bit, thanks to net metering. Sadly, we now see that efforts are underway (with House Bill 539) to obliterate our recovery, as well as discourage others from making the investment we have. (Please see lines 60-63, for example, as well as 73 which could provide companies an enormous “loophole.”) House Bill 539 will not only potentially rob us of our investment, but it will also threaten the grid’s ability to keep power flowing—which is a timely concern. Just yesterday morning, Liberty Utilities has informed us that the “Southwest Power Pool” had “moved to Energy Emergency Alert (EEA) Level 3.” They explained that “Liberty customers may be impacted by required controlled service interruptions.” They pleaded for “all . . . customers to safely conserve energy through midnight tonight.” My wife and I did as Liberty requested, and we continue doing our part to conserve. In addition, we were happy to see the sun shining—knowing we are helping produce some of the power that’s needed during this emergency. Not only do we help supply needed power, benefitting the public and commerce as well as the provider, but we also help keep rates lower for consumers. Lower rates means more discretionary spending—more dollars to boost our economy. Popular Mechanics recently wrote of how we’re helping to reduce energy costs, which you can read here: <https://www.popularmechanics.com/science/energy/a35474729/solar-panels-bring-down-energy-costs-for-everyone/> I can see, as well, that the bill would threaten the solar industry—including the livelihoods of people I know and admire, such as Steve Boedefeld who served in Afghanistan and then returned to SW MO after getting a degree that helped him get into Solar. His wife and three kids depend on him and the continued success of their business. I know there are many others like Steve, across our state, and the demand has been just enough to help them gain a foothold and begin to prosper. We need to promote that industry and those jobs, rather than harm them. I can’t for the life of me understand why this bill is even being considered, given all the damage it does to our lives, pocketbooks, and energy security. We implore you to contemplate the harm House Bill 539 would do to us taxpayers and our families, as well as Missouri’s economy and jobs. Several of us, who’ve invested in solar, are also retired and on fixed incomes. Please don’t rob us of what we’ve invested, nor produce the other harms/insecurity that HB 539 would produce. Thank you,—Glen & Linda Williams, Hollister, MO



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021	
COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: LAURIE M ULLRICH		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL: laurieullrich@yahoo.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 12:13 PM	

THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.

• This bills would:
*Create a new discriminatory tax, or penalty, on families and small businesses who want to self-generate
*Limit consumer choice by making solar unaffordable
*Destroy small solar businesses, particularly in rural areas, adding hundreds to unemployment during a time of economic crisis
*Restrict private investment in distributed generation, critically needed for electric supply diversification during the summer/winter peak demand
*Raise utility costs on working families who made an economic or social decision to go solar
There are 153 solar businesses throughout the State of MO. Ordinarily, we would send representatives to testify on behalf of the solar industry, and the 2800 solar jobs it provides in MO...but we were only given 24 hours notice in the middle of a blizzard.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: LEON MOON		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: leonmoon4@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/19/2021 5:08 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

To committee members for bill HB539, My wife and I noticing that interest rates were low, were looking for a way to invest what we had to get a better return on our invested money. We discovered that solar energy would be a way to invest our savings that would work for us. I am retired from the University of Missouri and my wife has been a music teacher and journalist, before she retired. Our investment in solar power has met our needs and we know from our research that it is a way we can actually invest in our coop. From an article in the March 2020 issue of Renewable and Sustainable Energy Reviews "A review of the value of solar methodology" written by MTU professor Joshua Pearce and graduate student Koami Soulemene Hayibo we discovered some myths about solar power costing consumers and/or electric coops debunked. Customers who have solar panels actually help their electric coop by cutting down on the extra expense of expanding overloaded grids. In a Popular Mechanics article in Feb 2021 we read that solar panel users will not of financial necessity increase the rates for their neighbors electricity, but the findings showed that homes with solar panels are "heavily subsidizing their local electrical grids." We discovered in what we read: "To calculate this number, they broke down the "value of solar (VOS)" into a list of parameters: "The avoided costs considered are: plant O&M [operation & management] fixed and variable; fuel; generation capacity, reserve capacity, transmission capacity, distribution capacity, and environmental and health liability." "By considering each variable with an individual sensitivity analysis and then combining all those values into one master VOS figure, the scientists quantified how much solar-powered homeowners feed back into the grid. That's not just their actual excess solar power during peak sunlight hours, but also the way their investment in panels saves utilities from investing their own money in infrastructure improvements," This being the case this committee should consider what solar panel customers are doing for the grid and take that into account when approaching this bill. You will find the following results if researched properly. "Grid-tied utility customers are being grossly under-compensated in most of the U.S." This bill needs to go back to the drawing board and study the plan further. It has many problems that will cost our state a great deal of money in the long run and put us behind in providing power to consumers. With some reworking of this bill the problems could be eliminated and I would like to offer the services of my wife and I in research some alternatives to the problem areas of this bill. Here are the key issues. 1. This bill would allow utilities to self-regulate demand charges and create a financial burden on those who have chosen to go solar whether for financial or clean energy reasons. There is no set figure on what would be charged to those with solar and no clause to consider the financial impact on those who in good faith invested their money in solar. As a reminder, electric coops were developed as a service to underserved citizens, not as a for profit organizations. 2. This bill allows utilities to charge back grid upkeep and equipment to solar consumers with no cap. Once again no set amount and no limits to what can be charged for updating the coops old and outdated equipment and a chance for preferential treatment and cost allocations which is not acceptable way of doing business to those who have

entered into this investment in good faith.3. There is no grandfather provision for those who are early adopters in new technology. This needs to be provided so to protect early investors from a change in policy which could cause them financial loss due to its implementation.4..Utilities want to create a new rate class towards solar which would significantly discriminate against solar users. On the surface this is a thinly veiled effort to kill solar power and would put us significantly behind other states5. If a bill be needed we need to organize a committee made up of utilities representatives, solar power representatives, and current solar power consumers to work together and produce something that moves our great state into a place where it will be better able to compete with the unstoppable progress that is being made in the field of energy production. My wife and I would be willing to serve on such a committee and have had past experience serving on public service committees.6.As this bill stands now it will actually kill 2,000 plus jobs in our state at this time alone and many more in the future. There is room for all forms of energy to work together and make our state a better one for supplying power and prevent what has happened in Texas from happening here by lessening the impact of major weather storms on our grids and providing aid to the burden that must be born so that it is not solely born by any one source of energy. Solar energy is desiring to aid our power structure and lessen the burdens of inclement weather on the current structure, not take it over. To work with solar is a step backward in issues facing power suppliers.Reference to the Popular Mechanics article cited<https://www.popularmechanics.com/science/energy/a35474729/solar-panels-bring-down-energy-costs-for-everyone/>



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: LINDA MAHER		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: Imm1590@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 9:05 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

The State of Missouri should be promoting solar power and businesses who provide it. I am totally opposed to making solar energy more expensive than from other sources!



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

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COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: MARILYN BRENNEMAN		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: marilynbreNNeman@ymail.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 11:59 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

This is punishing people for attempting to save money and the wanting g to decrease the use of fossil fuels. I am in opposition of this bill. It is only for the greed of the utility companies and harms the people of Missouri. VOTE NO!



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: MARTIN BAKER		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: mbaker889@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 6:45 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

This would not only harm people and their families employed by solar companies, it would also effect peoples right to choose. Solar provides high paying local jobs. Do not pass this bill.Thank YouMarty Baker



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: MARTIN P ZUCKER		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: martinzucker8@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/22/2021 3:10 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

I am 67 years old, retired, and living on a fixed income. Last year I decided to invest \$15,000 of my retirement nest egg to install solar panels on my home with the hope that I could recoup that investment (break even) in the next 10 years or so, and thereafter reduce my electric bills for many years into the future. Ameren offered an inducement by way of a rebate of \$900 for me to "go solar", and I then paid about half of that back to Ameren to have a "net meter" installed. I understand that, in Missouri, Ameren prefers not to "buy back" excess electricity generated beyond what the consumer uses, and therefore only approves solar panel arrays calculated to generate electricity just below what the consumers used the prior year. After my solar panels were installed, I needed a new car so I purchased an electric plug in car. Therefore, with the added electrical expense of charging the car, I pay an electric bill every month and do not ever anticipate producing more electricity than I use. I love generating electricity from the sun, and some of my retired friends are considering doing the same. It seemed like the prudent and responsible thing to do, until now. House Bill 539 threatens to completely erase my investment in solar panels. Moreover, it would undoubtedly deter other Missourians from investing in solar power generation. We all know that electric cars are the future, and it's reasonable to assume that (1) many electric car owners will likely want to generate their own electricity to charge those cars; and (2) we can expect to see an increased demand on the electrical grid to support such an increase in electrical use. So how is it that generating a portion of one's own electrical power is a burden on the grid? If anything, generating electrical power from the sun and putting it into the power grid would logically seem to lessen the burden on the grid, allowing more electricity for my neighbors particularly during peak use in the hot summer months. I am "on the grid", and my neighbors who don't have solar panels are also "on the grid." If there is some perceived problem with my investment in solar panels and the use of net metering (and I cannot fathom what that might be), surely there is some equitable solution that can be shouldered by all users of electricity however generated, as opposed to discriminating against those who invest in using the sun to produce some electricity for the grid. Good policy suggests we should encourage, not discourage, the use of solar power. For the sake of Missourians and our environment (and my four grandchildren who will live in that environment), please come up with some constructive alternatives -- the present proposal would only penalize users of solar panels and deter the use of solar energy in the future. Thank you for your consideration. Sincerely, Martin P Zucker



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: MARY NORELL		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: mcnorell@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 1:09 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

I am opposed to HB539. We have invested in solar power and the utility company is already charging fees. With additional fees solar power will not be affordable and our investments for clean renewable energy will fail in Missouri. Please make sure Missouri becomes a leader in clean air and not burden us with additional fees. Thank you.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021	
COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
REGISTERED LOBBYIST:			
WITNESS NAME: MICHAEL BERG		PHONE NUMBER: 314-644-1011	
REPRESENTING: SIERRA CLUB MISSOURI CHAPTER		TITLE: SIERRA CLUB MISSOURI CHAPTER POLITICAL DIRECTOR	
ADDRESS: 2818 SUTTON BLVD			
CITY: SAINT LOUIS		STATE: MO	ZIP: 63139
EMAIL: Michael.Berg@sierraclub.org	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 2:31 PM	
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			

The Sierra Club Missouri chapter opposes House Bill 539. The bill would allow utilities to add extra charges to solar customers that are designed to make solar arrays unaffordable. Solar is a driver of economic growth in Missouri. According to a study by the Institute for Local Self-Reliance, the Missouri solar industry created more than 3,700 jobs and added \$415 Million to Missouri's economy in 2014. The growth in solar has been assisted by Missouri's net metering program, which allows solar panels to be connected to a public-utility power grid with surplus power transferred onto the grid. This allows customers to offset the cost of power drawn from the utility. This is good for the customer and good for the environment and it gives us all more electricity. House Bill 539 allows utilities to charge solar users extra fees for installing a solar system into their grid for net metering. If the bill passes, Investor Owned Utilities would have incentive to find reasons to justify the highest fees possible to the Public Service Commission, while Rural Electric Cooperatives could charge any fee they desire, without any real oversight. The bill would be discriminatory to solar customers. The Kansas Supreme court recently overturned a similar law in Kansas because of its discriminatory nature. In Missouri, these added discriminatory fees could kill our vibrant solar industry, to the detriment of our environment and economy.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: MITCHELL HUNT		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: damhunt1@yahoo.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 12:44 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

I've had two houses with two solar systems in Missouri now and it's great. I demand we keep solar power as strong as possible and working for all of us! Thank you



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021	
COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: NANCY E CORLEY		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL: necorley88@gmail.com	ATTENDANCE: Written		SUBMIT DATE: 2/17/2021 7:40 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			

Please do NOT pass this. Solar power is the future. Please don't be anti-progress. Look what just happened to Texas.



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: NICOLE STAUDT-ROGERS		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: starognic@yahoo.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 4:05 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

I ask my legislator to please oppose HB 539. It's a homeowners "right" to use equipment, such as solar panels, on their home. The utility companies should not be allowed to charge us extra fees for using solar to save ourselves money... especially when they are having excessive usage and blackouts!!! Keep utility companies out of what we put on our homes!!'m contributing back to my electric company by helping ease the load with my solar, even with the weather like it's been. Solar is under attack by MO lawmakers.The Missouri rural electric cooperatives have had legislation introduced that would eliminate solar jobs, specifically in rural Missouri, AND increase utility costs of current and future solar owners.I ask my legislator to please oppose HB539. Missouri needs more jobs right now... not fewer!



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: PATRICIA SCHUBA		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: prsmail@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 10:15 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

As a solar panel owner and Missourian I respectfully request the committee members vote **DO NOT PASS** on HB539 as written. I submit the below article titled "Solar Panels Cost: How Your Neighbors' Solar Panels are Secretly Saving You Money." Popular Mechanics, Feb 11, 2021, accessible online here: <https://www.popularmechanics.com/science/energy/a35474729/solar-panels-bring-down-energy-costs-for-everyone/> as partial proof that solar owners "lower peak demand on stressed traditional grids and have reduced the amount of infrastructure dollars that energy utilities must invest." The scientists showed how Missouri homeowner's/businesses that investment in panels saves utilities from investing their own money in infrastructure improvements and hence save the utility money and their ratepayers money. The research goes on to show that grid-tied solar panel owners "are being grossly under-compensated in most of the U.S. as the value of solar eclipses the net metering rate as well as two-tiered rates." It seems you should be crafting legislation that encourages home ownership of solar panel systems tied to utility grids vs. this bill. Please vote **NO** on HB539. Thank you for your time and consideration. Please look more closely at the details because Missourians with solar panels, or those considering solar panels, deserve better no matter where they live.



MISSOURI HOUSE OF REPRESENTATIVES
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BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: PAUL D SMITH		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: pdsmith2007@sbcglobal.net	ATTENDANCE: Written	SUBMIT DATE: 2/23/2021 7:13 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

What dimension are you living in Jeff Knight. The world is rapidly moving to a lower carbon footprint and you want to up the fees on solar because it isn't "fair". You may be getting your backing from lobbyists in the coal, oil or gas fired industry but alternative sources are gaining momentum. You want to hold this back. Wind power, biogas, solar energy, hydrogen fuel, eclectic vehicles with lithium or sodium batteries. All of these alternatives are our energy future. You should be rewarding all homeowners and businesses for going solar. You should be working on tax incentives for solar businesses to locate in Missouri. Do your homework and see how solar panels are capturing a higher percent of solar energy each year. Every new home/apartment construction should be required to be at least 25% efficient in solar energy after meeting all of the insulation (R-50+) and higher appliance standards. Any new state or federal construction needs to be 100% efficient in solar power. The world has changed. Fossil fuels will still play a big role but there is no logical reason to penalize those who choose to live in a cleaner world.



MISSOURI HOUSE OF REPRESENTATIVES
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COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: PAUL MCKNIGHT		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL:	ATTENDANCE:		SUBMIT DATE: 2/17/2021 12:00 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: PAULETTE ZIMMERMAN		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: pzimmerman@ssndcp.org	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 11:58 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

I strongly urge you to oppose House Bill 539, which will kill thousands of jobs and ruin solar investments around the State. The solar industry employs 3000 Missourians. They will be out of work. Thousands of customers have invested in solar. This new fee will ruin any chance they have of receiving a return on their investment. Finally, solar customers reduce stress on the grid.



MISSOURI HOUSE OF REPRESENTATIVES
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COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: RACHEL R ARTHUR		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: racharth11@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 4:53 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Please oppose anti solar bills. Solar creates jobs in Missouri and those jobs are needed now more than ever. The future of utilities is renewables. Please allow families and businesses to help improve our planet by choosing a another way without having to be charged extra for using a natural resource. In times of disaster and power outages, solar can be a great solution and doesn't need to be at a greater cost.



MISSOURI HOUSE OF REPRESENTATIVES
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BILL NUMBER: HB 539		DATE: 2/24/2021	
COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: RANDALL JENNINGS		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL: randall.jennings@gmail.com	ATTENDANCE: Written		SUBMIT DATE: 2/22/2021 9:55 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			

In St Louis, Ameren already charges \$9 per month for a customer charge, and I have solar panels.



MISSOURI HOUSE OF REPRESENTATIVES
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COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: RANDY LIERMAN		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: randylierman@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 11:38 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

This is an anti-net metering bill and will severely hurt solar in the state. It will kill jobs. It will allow utilities to charge higher demand charges to solar customers so utilities can "off-set" the revenue loss from solar. They also claim solar customers are not paying their fair share. There is a bunch of nastiness in this bill but we need to push the JOB KILLING, SOLAR KILLING aspect.



MISSOURI HOUSE OF REPRESENTATIVES
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COMMITTEE: Utilities			
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES			
WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: REGINA A LAMBRECHT		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL: lambrecht.regina@gmail.com		ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 3:23 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			

Committee Members:I am writing to oppose House Bill 539. I am a resident of Kansas City, Missouri, and I have solar panels on my home, which were installed in 2019. I find this bill very discriminatory against home owners and businesses that participate in net metering. It will also hurt many small businesses that are solar panel installation companies. It will put these companies out of business. Today, February 16, 2021, as we find ourselves at sub zero temps, we had rolling blackouts here, and in many places across the country. I experienced a blackout at 7:20 this morning. And as the sun is shining today, I am producing kilowatts, which is less kilowatt usage that I am taking from the utility and less stress I am putting on the grid. Why is this not encouraged? Instead the backers of this bill are looking at the profits for the utilities. We, solar panel homeowners, are, in effect, being punished when we are helping the system. It is the same thing in the summer when we have multiple hot days and the grid is once again stressed, our solar panels are relieving stress on the grid by consuming less electricity, and by selling wattage back (at a very minimal price) to the utility where that electricity is then sold, at a higher price, to consumers who need it.I paid a significant sum of money for my solar panels, and am proud of the fact that I am a source of green energy, but also to save money on my utility bills, but only after the panels pay for themselves. With this bill, my panels may never pay for themselves. This is hurtful to me as a consumer, taxpayer, and constituent. It also hurts me in the sense as it may even hurt the resale of my home instead of helping the resale of my home. Hence, it is discouraging production of green energy. Could this be the goal of the utilities? I think so.Please, do not pass this bill out of committee.Thank you for taking the time to read my testimony.Additionally, I have a formula for when my solar panels will be paid off, and hopefully before I sell my home. By increasing my cost to participate in net metering, my solar panels may not be paid paid off, and could very well hurt the sale of my home. This is hurting me, as a taxpayer, constituent, and citizen of the state of Missouri



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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: REGINA A LAMBRECHT		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: lambrecht.regina@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/24/2021 10:24 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Hello.I have submitted testimony in opposition already, but I wanted to follow-up on a couple of points. The coal, oil and gas industries have been subsidized for many, many years, much longer than solar has been with tax credits. Secondly, if this bill passes in any form, I would request that solar installations that have already happened when the bill goes into effect be grandfathered in, and not charged any additional fees by the utilities. This was mentioned favorably by Representative Kidd on the date of the first public hearing.Thank you.



MISSOURI HOUSE OF REPRESENTATIVES
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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: RENE CLEVELAND		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: rccleveland33@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 10:47 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

As a citizen and employee of the solar industry, I am writing in opposition to these measures. In an era where the country is trying to curb our dependence on foreign energy sources and fossil fuels, it is counter productive to penalize consumers of renewable energy. The industry is growing; instead of standing in the way, perhaps utilities should jump onboard and work with renewable energy businesses. As a consumer, I should not be penalized for wanting to be more energy independent. Energy companies break the bank for the average consumer in peak months and are one of the main reason customers want to jump on the solar bandwagon in first place. I already struggle with my electric bills and with out some way to change that, this measure reinforces the captive position we are in with the energy monopolies. I strongly oppose these bills and my representatives from Springfield would do well to listen to these voices if they want to stay in office.



MISSOURI HOUSE OF REPRESENTATIVES
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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: RENEE WERNER		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: kosma693@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 7:00 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Our monopolistic power companies don't need further extension of their rights. We need more green power not less. I'm opposed to additional taxes on an emerging solar industry that could go a long way to helping consumers and providing more jobs. Additionally, power companies should be trying to work with these entities as all will benefit.



MISSOURI HOUSE OF REPRESENTATIVES
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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: ROBIN GANAHL		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: robin.ganahl@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 10:16 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

It is negative four degrees outside and my house just lost power. I would like to install rooftop solar and battery storage at my home to help the grid be more resilient so that power outages like this do not occur in the future. I oppose HB539 because it makes it harder for families to afford rooftop solar & storage. Please do not support this bill.



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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: SANDY LEHMAN		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: sandylehman@me.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 6:26 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Penalizing clean energy, the businesses promoting clean energy and the consumers who use clean energy is WRONG. Stop pandering to the fossil fuel industry because it lines your own pockets. START being responsible to your constituents.



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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: SARA JANET LANG		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: saral@sbcglobal.net	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 1:39 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Do not add charges to solar customers' bills. Anyone who understands science, believes in the dangers of global warming, or has children must further solar - not impare development. Think of the future of the world.



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TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: SCOTT FUNK		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: sfunk@ussunsolar.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 8:23 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Solar provides a cost free solution (owner generator pays) for additional power to be utilized in the grid therefore reducing infrastructure costs to build new power generation, reduce grid maintenance cost due to less grid traffic. Who would charge a tariff to do that? Really? How is that justified when margins for utilities will go up due to infrastructure reductions and maintenance reductions? Actulally a portions of that savings or margin increase should go to incent new generation for customer generators who want to go Solar. Also using 10 yrs of data to present future projections when the grid has been around for over 70 yrs. So how do you justify using 14% of the data to forecast future rate increases? Solar provides no rate increases. Solar is a win for the utility (reduced expenses, higher margins) the customer (fixed pricing) and the environment. In addition it's the fastest growing business in MO, why would you want to cut jobs, especially after 2020 and pandemic, haven't enough jobs been lost?



MISSOURI HOUSE OF REPRESENTATIVES
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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: SCOTT ROSE		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: scott@drivingangle.com	ATTENDANCE: Written	SUBMIT DATE: 2/23/2021 11:33 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

I oppose this bill as a constituent that has solar on their home. I have had a customer generated system on my house since 2008. The passage of this bill would single me out and charge me a higher rate than my neighbor. I got solar to lower my living expenses. I didn't have a system installed for an environmental benefit, I did it for long term cost control. I would add more to my home to be able to fully generate my own electricity usage, but due to local ordinances, I am unable to disconnect from the grid. Because I am unable to be independent from the electrical grid, I should still pay the same rate as my neighbors. The customer charge on my bill, is the same charge that my neighbors are charged. With the passage of this bill, it is my understanding, that the customer charge for me would be higher than those without a customer generating system installed. Aside from the cost issue, I generate electricity that is sold to the electric company, who then sells it to my neighbors. Due to that action, I am relieving some stress to the grid as I am not requiring as much. With the recent problems that we saw in Texas, this sounds like a good thing to be less of a burden on the current electrical grid. I would like to thank you for your time. Again, I oppose the passage of this bill as a constituent.



MISSOURI HOUSE OF REPRESENTATIVES
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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: SHANE FLANAGAN		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: safnd1974@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 5:02 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

As a citizen of Missouri, I feel it is already unfair that I have no choice of my electric provider, and that the utility companies essentially have a monopoly. They are free to raise rates at will, and what choice do I have as a consumer but to pay the ever increasing rates? Well, as it turns out, I do have an option, and one that makes sense, in choosing solar. It seems to me that as we seek as a country to achieve more and more renewable energy, that the Missouri government would be better suited to help make the solar option more affordable. This bill seeks to do exactly the opposite! It is unconscionable that legislation is being introduced that would allow the utility companies to tighten their stranglehold by creating discriminatory taxes or penalties for those who choose solar as a way to produce power and decrease the burden on the fossil fuels in this country. It has taken years for technology and cost to meet in the middle and finally make solar energy affordable for the average homeowner, and it is extremely unfortunate that this legislation seeks to undo that and again make solar unaffordable. Additionally, at a time when unemployment is already at a high rate and many continue to seek work as the COVID-19 pandemic continues to affect so many across many industries, why enact legislation that would place thousands of jobs at risk, in an industry that has added hundreds of millions of dollars to the state's economy? This legislation feels like an attack on the little guy (solar industry) and the homeowners and business owners who value renewable energy, while protecting the big guy (utility companies). As I write this, there are rolling outages happening in many communities throughout Missouri as a result of over demand on the existing grid and gas resources. At this very moment, I think it's extremely important to consider the negative impact this legislation would have in regard to restricting investment in more distributed generation of power which provides for a more diversified electric supply overall. It is harmful to seek to hamper renewable energy growth efforts in order to help the utility companies continue to line their pockets. I encourage you to look at the forest through the trees and realize the great benefit that solar energy sources play in our ever growing nation, not just now, but the impact that legislating against the industry will have in years to come. Making legislative efforts now to deter increased renewable energy will put us further behind other states potentially for generations at the expense of the taxpayer and an entire industry in our state. I strongly urge you to vote against this legislation and to show the taxpayers of this state that you champion freedom of choice and enterprise and that you are willing to help provide them an affordable energy source now and in the future!



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: SHARRON L GOUGH		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: jl.sharron@windstream.net	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 1:05 PM

THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.

I have been a solar customer for a little over a year, and am very happy with the performance of my system. Our utility company has already changed its billing structure to maximize our electricity costs in spite of our efforts to alleviate our environmental impacts and save money over time. Regardless, I remain firmly committed to finding ways to lower my impact on the environment and am not disappointed that I have solar. Over the first year of service, it met our electricity needs and sent over 1500 kw back to SacOsage Electric COOP. Times of change are difficult—for industries as well as individuals—and that change brings fears that are often unsubstantiated or way overblown. One fear is for loss of jobs and revenue....but please consider that the solar industry employs 3000 Missourians and that number is growing steadily. During these times of economic turmoil, is it wise to hobble an expanding industry that employs so many? One of the claims is that solar customers are something of a free-loading parasite on the infrastructure of electric utilities. This is not true. We pay the same base rate to “pitch in” for infrastructure maintenance. We pay for peak usage. We send electricity back to the grid that can (and is) sold for more than we are compensated for. Solar customers actually reduce stress on the grid (important in weather like we’re experiencing now) and reduce the amount of dollars that utilities must invest in infrastructure. Please investigate this link <https://cts.vresp.com/c/?RenewMissouri/1d1ceae302/d0fed7d4c5/ffd5209645>. We make things cheaper for everyone! Thousands of customers have invested in solar. This new fee will ruin any chance they have of receiving a return on their investment. Can that be a good move with the ongoing economic crisis? Could it ever be a good move to throttle an economically thriving industry? It is actions like this that will simply encourage people like me to take the next step, get storage capacity, and get off the grid entirely! Please consider the investments and honorable intentions of thousands of solar customers in Mo when you discuss HB539. Thank you for your time, Sharron Gough



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: SHEILA MERRILL		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: meril68@hotmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 8:44 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Charging solar customers more for energy. Charging different rates for people using less is an unfair tax to those that are not relying solely on the company to provide services. People should be charged for what they use only, with no surcharge.



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BILL NUMBER: HB 539		DATE: 2/24/2021
COMMITTEE: Utilities		
TESTIFYING: <input type="checkbox"/> IN SUPPORT OF <input checked="" type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES		
WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: SHIRLEY SEABAUGH		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: sasrph@embarqmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 11:51 PM
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Tax discriminates against people who have solar panels.



MISSOURI HOUSE OF REPRESENTATIVES
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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: SKIP LACROIX		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME: USSUNSOLAR		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: slacroix@ussunsolar.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 6:35 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

As a concerned citizen, I oppose this anti solar legislation. We should be making it easier and more affordable for everyone to go with renewable energy, not harder! We also need to decentralize our infrastructure. A centralized power system is a problem in that it is a matter of national security. The recent ice storms are proof! Millions without power because of damaged centralized infrastructure.



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: TAMMY BRUCE		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: tbruce120@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 11:27 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Hello My name is Tammy Bruce I work for a Solar Company here is MO. we employee over 100 individuals. These bills will hurt my job and possibly the jobs of all 100 employees. The new taxes and costs they are wanting to impose is discriminating on anyone that wants to be self reliant. The thought of raising costs on just solar familes or those that want to go Solar seems un Constitutional and will drive the cost of Solar so high again that no one would be able to afford it. Amaerica was found on Freedom and twe should all have the choice to have freedom from the rising costs or our electric. Please oppose this bill and help all the Solar companies in our state and especially the one I work for because that is my life.



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: TERESA ARTHUR		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: teresaarthur_2@hotmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 4:47 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Why is solar being unfairly attacked yet again by Missouri? We pay a service availability fee to the utility coop for being connected to their service. Why would we also have to be discriminated against by imposing an extra tax? The federal government has a program for small businesses to utilize a grant for renewable energy; the federal government has a tax credit for renewable energy. Solar energy produced in Missouri is a very small percentage of all energy in the state. Why would citizens not be allowed to make this choice that is beneficial to the state as a whole and individually? Are we not still considered a free country; or have monopolies assumed rule? As we see now in our current weather situation, our infrastructure is compromised. Solar only boosts energy production and takes nothing away from fossil fuels - it is an aid, not an enemy. We have solar on our home and our business, and this would definitely be a detriment to us financially. That is not something I believe the lawmakers of this state intend to do when making decisions.



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: TERESA ROBINSON		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: teresa@robinson.net	ATTENDANCE: Written	SUBMIT DATE: 2/17/2021 6:16 PM
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Raising the rates only for people who have solar panels is unfair and unjustified. We paid for the panels and are just now finally reaping the benefits of reduced electric rates (in the warmer months). In this weather we are just like everyone else. My husband and I are nearing retirement and will have limited income. We bought solar panels with the expectation of reducing our electric utility bill during our retirement. This kind of action would make me consider moving to another state and becoming totally off grid just to avoid this kind of political foul play which penalizes solar homeowners. We certainly are not making any money off the panels with the pathetic net metering rates. I strongly oppose any action to raise rates which only impacts solar homeowners.



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: THOMAS STOLZE		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: tstolze@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/22/2021 1:12 PM
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My statement against this proposal as a resident of MO that has made tremendous investment in making our home as efficient as our finances will allow, this includes sealing, insulation, Geo Thermal HVAC and Hot Water Heating, Solar, and daily conservation. We are not punished for these other forms of energy reduction, as a matter of fact, we are rewarded by our local utility and federal government with incentives, and in some cases by the State of Missouri. We invested in Solar in 2012, recently we average ~\$250/annually for our electric, and that is producing approximately 90% of our power annually. The current rate structure works, we pay the same monthly minimum everyone else pays. The rate we receive for selling electric back to Ameren is their fuel cost, which is now 2.87 cents per kWh in the Summer and 2.84 cents per kWh in the Winter, note this is a decrease from 2019. Ameren then charges others for this electric at the normal rates of 11.81 cents per kWh in the Summer or in the Winter 8.04 cents per kWh for the first 750 kWh's then 5.38 cents per kWh over 750 kWh's. We help the grid by providing electric during peak usage times, decreasing what Ameren has to produce and reducing stress on their equipment, while Ameren sells the electric as if they produced it. I feel the current system works, unlike other areas of the country where you sell the electric back to the electric company at full rates. The credit we receive from Ameren is applied against our minimum monthly payment of \$9.00 plus taxes, which comes to around \$9.50, selling electric to Ameren can offset this, for us, total offset happens 2-3 months a year during the Summer months. To do this we have to over produce by over 300 kWh's, our annual consumption varies between 9000 and 10000 kwh's annually, or 750 to 833 kWh's per month average. That same 300 kWh's cost \$35.49 in the Summer or \$24.12 in the Winter. We pay our fair share for what we use as well as assist the grid during peak usage times. I'm actually set back by this proposal, what's next, different gas pricing because you drive a fuel efficient car or choose to drive less?



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: TOM FISHER		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: ancient1.sgc@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 10:03 PM
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HB539 and SB178 These bills would allow utilities, electric cooperatives, and municipal suppliers the ability charge solar customers more. • These bills would: *Create a new discriminatory tax, or penalty, on families and small businesses who want to self-generate*Limit consumer choice by making solar unaffordable*Destroy small solar businesses, particularly in rural areas, adding hundreds to unemployment during a time of economic crisis *Restrict private investment in distributed generation, critically needed for electric supply diversification during the summer/winter peak demand*Raise utility costs on working families who made an economic or social decision to go solarThere are 153 solar businesses throughout the State of MO. If this bill is passed it will effectively be hurting jobs and innovation, at a time that we need them the most.



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WITNESS NAME			
INDIVIDUAL:			
WITNESS NAME: TORRENA ALLISON		PHONE NUMBER:	
BUSINESS/ORGANIZATION NAME:		TITLE:	
ADDRESS:			
CITY:		STATE:	ZIP:
EMAIL: torrenaallison@gmail.com		ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 10:22 AM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.			



MISSOURI HOUSE OF REPRESENTATIVES
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WITNESS NAME		
BUSINESS/ORGANIZATION:		
WITNESS NAME: WILL COX		PHONE NUMBER: 4178380516
BUSINESS/ORGANIZATION NAME: SOLERA ENERGY LLC		TITLE: PRESIDENT
ADDRESS: 4650 S. NATIONAL AVE D2		
CITY: SPRINGFIELD		STATE: MO
		ZIP: 65809
EMAIL: will@soleraenergyllc.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 10:05 AM

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We employ 50 people in Southwest Missouri. If this bill passes, we go to ten overnight. We cannot allow that to happen. ESPECIALLY, during a pandemic. Solar will not be a viable option in these communities going forward. It hurts business and it hurts a customers right to choose how they spend their money. When you move into a new home you get to pick your trash company, internet provider, lawn care service, plumber etc. etc. Your choice for electricity is monopolized. Solar provides customers a fair economically beneficial alternative. The benefits of residential solar FAR outweigh the negatives. This holds true for the co-ops as well. Passing this bill would be discriminating against solar owners and penalizing them on top of it. Passing this bill kills jobs and the environmental upside of renewable energy.



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: WINIFRED COLWILL		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: Colwillw@gmail.com	ATTENDANCE: Written	SUBMIT DATE: 2/23/2021 11:42 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

Testimony opposing HB 539I believe that this bill is bad public policy because it will discourage solar energy growth in Missouri. Solar energy use should be expanded, not discouraged, to reduce greenhouse gases that are changing the global climate. If HB 539 is enacted, the changes to Missouri's net metering law will increase solar installation costs, penalize current solar panel owners, and jeopardize thousands of solar-related jobs around the state. HB 539 would allow Missouri's electric utilities to set discriminatory rates and add monthly charges that penalize on-site solar owners. The utility could even require solar owners to pay the cost of electric distribution system upgrades whenever the utility determines that: 1. an upgrade is needed and 2. the cause is on-site solar. Note that there is no specific amount or upper limit on the amount that could be charged. This would make future solar investments in Missouri extremely risky. Numerous studies have shown that the benefits solar homeowners provide to the grid, and to society in general, are worth more than the benefits they receive through net metering.* (See reference below.) Grid-connected PV systems reduce the amount of energy lost in generation and long-distance power lines. They lower maintenance costs and reduce expensive utility upgrades. By reducing demand for electricity during high-load daytime hours, solar energy production helps avoid the cost of new power generation, power lines, and other electric infrastructure. On-site solar systems help reduce grid congestion, increasing reliability of the grid. Solar electricity does not generate pollution, requires no water and creates no hazardous waste. These benefits accrue to everyone, not just solar owners. In 2013 my husband and I spent thousands of dollars to have solar panels installed on our roof because we believed it was the right thing to do. Federal tax credits and Missouri's Net-Metering and Easy Connection Act encouraged us to make this long-term investment. Missouri needs more investment in solar energy. Please oppose HB 539.
 *<https://environmentamerica.org/sites/environment/files/reports/AME%20ShiningRewards%20Rpt%20Oct16%201.1.pdf>



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WITNESS NAME		
INDIVIDUAL:		
WITNESS NAME: ZACHARY CALHOUN		PHONE NUMBER:
BUSINESS/ORGANIZATION NAME:		TITLE:
ADDRESS:		
CITY:		STATE: ZIP:
EMAIL: Zcalhoun_12@outlook.com	ATTENDANCE: Written	SUBMIT DATE: 2/16/2021 5:04 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.		

My name is Zach Calhoun and I'm a Journeyman Electrician for Sun Solar in Springfield Missouri. I like many others make a living installing solar. Solar is a large and growing industry in Missouri that creates jobs, creates revenue for the state ,as well as small businesses, helps stabilize families financially, and it also is a renewable energy solution. The only reason to vote against solar is greed sourcing from the people who aren't benefiting from it. Putting a strain on solar installs will cost individuals, companies, and the state millions of dollars. Put your green aside, get educated about the benefits, and vote pro-solar!