

BILL NUMBER: HB 1705				DATE: 1/10/2024
COMMITTEE: Utilities			·	
TESTIFYING:	☑IN SUPPORT OF	☐ IN OPPOSITION TO		ATIONAL PURPOSES
		WITNESS NAME		
REGISTERED LO	OBBYIST:			
WITNESS NAME: BEN TRAVLOS			PHONE NUME 573-893-1 4	
REPRESENTING: MISSOURI FARM I	BUREAU		TITLE:	
ADDRESS: 701 S. COUNTRY (CLUB DR.			
CITY: JEFFERSON CITY			STATE: MO	ZIP: 65109
EMAIL:		ATTENDANCE:	SUBMIT 0 1/10/20	OATE: 24 12:00 AM
THE INFORMA	TION ON THIS FOR	M IS PUBLIC RECOR	D UNDER CHA	PTER 610. RSMo.



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TESTIFYING:	☑IN SUPPORT OF	☐ IN OPPOSITION TO		ATIONAL PURPOSES
		WITNESS NAME		
REGISTERED LO	OBBYIST:			
WITNESS NAME: CARA HOOVER			PHONE NUME 573-356-9	
REPRESENTING: EVERGY			TITLE:	
ADDRESS: PO BOX 418679				
CITY: KANSAS CITY			STATE: MO	ZIP: 64141
EMAIL:		ATTENDANCE:	SUBMIT 0 1/10/20	OATE: 24 12:00 AM
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		WITNESS NAME		
BUSINESS/ORG	ANIZATION:			
WITNESS NAME: CHAD DAVIS			PHONE NUME 573-364-1	
BUSINESS/ORGANIZATION ROLLA MUNICIPA			TITLE: ENGINEE	RING MANAGER
ADDRESS: 102 WEST 9TH ST	REET			
CITY: ROLLA			STATE: MO	ZIP: 65401
EMAIL:		ATTENDANCE:	SUBMIT 0 1/10/20	DATE: 124 12:00 AM
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		WITNESS NAME		
BUSINESS/ORG	ANIZATION:			
WITNESS NAME: CHRISTOPHER RO	OHLFING		PHONE NUME 573-881-0 2	
BUSINESS/ORGANIZATION AMEC	DN NAME:		TITLE:	
ADDRESS: 2722 EAST MCCA	RTY STREET			
CITY: JEFFERSON CITY			STATE: MO	ZIP: 65101
EMAIL:		ATTENDANCE:	SUBMIT D 1/10/20	OATE: 24 12:00 AM
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		WITNESS NAME		
REGISTERED LO	OBBYIST:			
WITNESS NAME: FRED DREILING			PHONE NUMB 816-806-6 3	
REPRESENTING: CITY UTILITIES OF	SPRINGFIELD		TITLE:	
ADDRESS: 1025 W 64TH TER	Г			
CITY: KANSAS CITY			STATE: MO	ZIP: 64113
EMAIL: freddreilingllc@gn	nail.com	ATTENDANCE: In-Person	SUBMIT D 1/10/20	ATE: 24 8:59 AM
THE INFORMAT	TION ON THIS FORM	I IS PUBLIC RECORE	UNDER CHA	PTER 610. RSMo.



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		WITNESS NAME		
BUSINESS/ORG	ANIZATION:			
WITNESS NAME: STEVE STODDEN			PHONE NUME 417-459-6	
BUSINESS/ORGANIZATION MPUA	N NAME:		TITLE: DIRECTO	R ELECTRIC T&D
ADDRESS: 3300 RAVELLO DE	RIVE			
CITY: COLUMBIA			STATE: MO	ZIP: 65201
EMAIL:		ATTENDANCE:	SUBMIT 0 1/10/20	DATE: 124 12:00 AM
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MISSOURI HOUSE OF REPRESENTATIVES

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TESTIFYING: ✓IN SUPPORT OF ☐IN OPPOSITION TO ☐FO	R INFORMAT	IONAL PURPOSES
WITNESS NAME		
BUSINESS/ORGANIZATION:		
WITNESS NAME: TOM HULSE	PHONE NUMBER: 573-280-7063	
BUSINESS/ORGANIZATION NAME: CO-MO CONNECT ELECTRIC COOPERATIVE	TITLE: ENERGY SE	RVICES ADVISOR
ADDRESS: HWY 5		
CITY: TIPTON	STATE: MO	ZIP: 65081
EMAIL: ATTENDANCE: Written	SUBMIT DATI 1/10/2024	≣: 3:17 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNI	DER CHAPT	ER 610, RSMo.
Thank you for taking the time to read my testimony. I am the Energy Ser Connect in Tipton MO. I manage our renewable energy program, rebate program. I have been at this job for 13 years. Previously I was a small be generation heating and cooling tradesman. I have heard in the hearing ff Electric Cooperatives are not imposing additional fees of \$3,500.00 for so is not true. The only reason for any additional charges would be aid in a fall on the owner of the solar array. Any other additional construction construction would begin on the solar array. The following summary are cooperative owner members and have been updated as of Jan 10 2024. solar connected Nov 2021. All information is pretax. Solar panels are perstates the sales proposal was inaccurate. Sales proposal was submitted and the solar content of the solar co	program and usiness owner om solar advection construction cost are discussed testimony's Member namer forming well. It and reviewed and	energy efficiency r, second rocates that nection and it just ost which would sed before the from our electric e: Price10 kW . The member d by T Hulse at Co ry bill for kWh
years @ 1.99% Solar company says average simple ROI of 12 year of energy savings 9,358 kWh, \$842.22 Actual simple ROI of Marimom20.7 kW solar connected 12/2021. All information Is pretax. Solar nual utility bill estimate by solar company \$4,146. Actual company used for estimate \$0.12 actual \$0.0772 Loan \$103.691.39 for company estimate simple ROI of about 12 years Actual savings to do is more than 35 years if the system performs as stated by the solar company has a delinquent solar account. Cannot pay both the utility bill and requested their information be shared at the hearings. They are not hap could get their money back.Member Name: Garrison7.6 kW solar connecunder performing. Solar loan is \$57,000 Annual kWh usage 16070 kWh Annual kWh usage after solar, 10317 Annual utility saving \$460.24 Solar loan is \$57,000 ROI presented by solar company simple ROI, 123 yearsSolar loan is tied to the home. Member cannot affer	2 years• of 57 years. Mar job is incoul \$2,965.48• or 25 years• ate, NONE• pany.Solar co \$300 per mon solar paymen py with solar acted January before solar, gs 5,753 kWh	Actual first ember name: mplete to date. • Rate solar Solar Actual ROI mpany began th. This member at. This member and wish they 2022. System is

page 2 of the NMA and sheet PV-5. • Revisions re submitted and approved to construct by utility 2/20/23• Around the date of 4/20 the filed inspection was requested. The job was not installed according to the approved documents. Requested revisions to the documents and the field work needed to be changed to match what was approved on the submitted documents. • Communication with the solar company has been very difficult. Numerous phone calls and emails were sent to the company by the utility and the homeowner/ cooperative member. • The installation to date is still not working. The solar array will not pair with the utility for net metering. The inverters try to pair with the utility 60 hz frequency and voltage and fails. Solar company has not been responsive to this member or the utility. • Damage from the solar company to the yard and interior structure of the home has not been repaired. The yard was trenched for wires to the home from the utility pole •

Loan is \$50,000 Member Name: Kelly4.6 kW solar. To date system is not operational.

Job was completed before being approved by the cooperative. The original application was denied. Revisions were made to the app and the system was approved to construct on 8/14/23. Keep in mind it was installed before being approved by the cooperative. System was denied due to the disconnect being in the utility work area. Requested the disconnect be moved 5-15 feet adjacent to the utility owned pole as approved in the application documents. This member was told the solar array would offset 102% of their energy needs. The 4.6 kW system that was installed will produce an average of 6,431 kWh annually (information from PVWatts web page). Actual usage on site is averaging 20,073 kWh annually This would be an approximate 32% reduction in the annual kWh usage. Not 103%. Member leased the system and will not be able to take advantage of the 30% tax credit. They feel betrayed by the solar company and want out of the deal. This member has reached out to the AG's office and feels like they have no voice or support in this situation.



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		WITNESS NAME		
REGISTERED LO	OBBYIST:			
WITNESS NAME: ZACH MONROE			PHONE NUME 573-508-2	
REPRESENTING: AMEREN MISSOU	RI		TITLE:	
ADDRESS: 101 MADISON STR	REET			
CITY: JEFFERSON CITY			STATE: MO	ZIP: 65043
EMAIL:		ATTENDANCE:	SUBMIT 0 1/10/20	DATE: 124 12:00 AM
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		WITNESS NAME		
REGISTERED LOB	BYIST:			
WITNESS NAME: ANDREW LINHARES			PHONE NUME 314-471-9	
REPRESENTING: RENEW MISSOURI A	DVOCATES		TITLE:	
ADDRESS: 915 EAST ASH STRE	ET			
CITY: COLUMBIA			STATE: MO	ZIP: 65201
EMAIL:		ATTENDANCE:	SUBMIT 0 1/10/20	DATE: 124 12:00 AM
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TESTIFYING: IN SUPPORT OF	✓ IN OPPOSITION TO ☐	FOR INFORMATI	ONAL 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 1/8/2024 5	:04 PM

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

Hello my name is Frances Babb. I live in western St. Louis County at 2001 Kehrsdale Ct. Clarkson Valley, MO 63005. My husband and I own 3 homes, all of which are solar powered. I have a conflict and cannot attend the hearing in person, so I am submitting this written testimony opposing HB1705.I have several issues with Rep. Schulte's bill HB1705 and therefore oppose this bill in its entirety.1)

At the end of paragraph 2, it states: All generation units using battery backup must operate completely isolated from the grid. I do not think this is what you mean. I am hoping that you mean that the above statement is only true when the grid is down. When the grid is down, it becomes a safety issue if the battery system back feeds the grid. You would likely electrocute the linemen who are trying to restore the grid and thus this requirement is part of the current National Electrical Code. However, if you really mean what you said and always must permanently disconnect from the grid, if you have batteries, this would mean that you would be without power when the batteries are fully discharged. Not cool.2) Solar customers should not be required to pay a higher rate for electricity than non-solar customers. If anything, solar customers should pay a lower rate than non-solar customers. The higher rates simply discourage the use of solar energy. Utility companies are getting free energy from their solar customers at pennies on the dollar and reselling it at a profit. Already this is unfair. To make it even more unfair is an insult.3) I do not think an energy audit is necessary. Energy audits are outside the skill set for most solar companies. Doing them unnecessarily adds costs to the customer's project and delays the completion of the project.4) **Having the Attorney** General enforce solar issues is wrong. It should continue to be the Public Service Commission.5)

Missouri is the home of several aerospace companies and is a hub for engineers. Those individuals are perfectly capable of installing a solar system on their own property but do not hold an electrical license – nor do they have the required practicum hours wiring homes necessary to sit for the exam (even though passing it would be a breeze.) It is wrong to require engineers to post a bond to install solar on their own home.6) The utility companies should not be the ones to decide who they want to license to be their competitors. Nor should they be the ones that set up the licensing rules for solar. This is unethical and a conflict of interest. Thank you for reading and considering my concerns on this anti-solar energy bill. I wish I could be there to deliver it to you in person. Frances Babb



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		WITNESS NAME			
INDIVIDUAL:					
WITNESS NAME: JEFFREY OWENS			PHONE N	JMBER:	
BUSINESS/ORGANIZATION	ON NAME:		TITLE:		
ADDRESS:			·		
CITY:			STATE:		ZIP:
EMAIL:		ATTENDANCE:		IIT DATE: /2024 1	2:00 AM
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		WITNESS NAME		
BUSINESS/ORG	ANIZATION:			
WITNESS NAME: JONATHAN DOLA	۸N		PHONE NUMB 314-540-4	
BUSINESS/ORGANIZATION MISSOURI SOLAR	ON NAME: R ENERGY INDUSTRIES	SASSOCIATION	TITLE: EXECUTIVE	VE DIRECTOR
ADDRESS: 258 MADELINES F	PARK CIRCLE			
CITY: JEFFERSON CITY	,		STATE: MO	ZIP: 65109
EMAIL:		ATTENDANCE:	SUBMIT I 1/10/20	DATE:)24 12:00 AM
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		WITNESS NAME		
BUSINESS/ORG	ANIZATION:			
WITNESS NAME: KIRK KREISEL			PHONE NUME 913-601-0	
BUSINESS/ORGANIZATION ARTISUN SOLAR	N NAME:		TITLE: OWNER	
ADDRESS: 5750 WEST 95TH \$	STREET			
CITY: OVERLAND PARK			STATE: KS	ZIP: 66207
EMAIL:		ATTENDANCE:	SUBMIT DATE: 1/10/2024 12:00 AM	
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TESTIFYING:	N SUPPORT OF	✓ IN OPPOSITION TO	FOR INFORM	ATIONAL PURPOSES
		WITNESS NAME		
BUSINESS/ORGANIZ	ZATION:			
WITNESS NAME: NICHOLAS BARRACK			PHONE NUMB 573-341-5 4	
BUSINESS/ORGANIZATION NAMI	E:		TITLE: OWNER	
ADDRESS: 104 E. 11TH STREET				
CITY: ROLLA			STATE: MO	ZIP: 65401
EMAIL: cserolla@gmail.com		ATTENDANCE: In-Person	SUBMIT D 1/10/20	ATE: 24 5:18 PM
THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.				
solar energy systems to achieved the generation number. This mere 1 1/2 is selling all of their exc problem with the law.I b Associated Electric, who 2007, and an entire indu their network and a sub you on this subject, plea	o equal 5% of a utily requirements of A 2% can cause no objects generation on selieve it is truly just o are funding the lastry, by attempting stantial cost to other they don't agree were stantial to agree	metering law sets a goalities' peak load. With regassociated Electric will be perational issues nor find the market. There is reast a philosophical issue wobbyist. They are trying to make you believe culer customers. Next time in to put this letter in thei with the numbers, have to	gard to the co-ope reduced by 1 1 ancial issues as ally no reason for with the senior m to kill a grand ef stomer-owned so a co-op employer magazine to see	s, when this is /2% - a very small Associated Electric them to have a anagement at fort by lawmakers in plar is a harm to e or lobbyist talks to how their

Nick Barrack 573-341-5488PROPOSED LETTER IN CO-OP

MAGAZINEDear Customer: The goal of Missouri's Net-Metering Law passed in 2007 was to transfer 1.5% of our generation over to customer-owned solar energy systems. Since solar customers don't pay as much for maintenance of the network as others do, there is an increased cost to all customers. In the last 16 years we have achieved about half of this goal and the subsidy to all members is currently about \$2 per year. When we get all the way to the 1.5% goal, the subsidy will be about \$4 per year per household. Are you OK with the \$4 per year subsidy to promote renewable energy in your neighborhood, or do you want us to continue to fight the battle to reverse the effect of Missouri's Net-Metering Law? Please email your response to _______. Sincerely, Your Local Co-op



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		WITNESS NAME			
BUSINESS/ORG	ANIZATION:				
WITNESS NAME: RYAN MCDONALE)		PHONE NUMBER: 417-849-4886		
BUSINESS/ORGANIZATION NAME: SOLERA ENERGY TITLE: CHIEF OPERATING OFFICER/CHIEF FIN. OFFICER					
ADDRESS: 3971 EAST EASTN	100R		·		
CITY: SPRINGFIELD			STATE: MO	ZIP: 65807	
EMAIL:		ATTENDANCE:	SUBMIT DATE: 1/10/2024 12:00 AM		
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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 DAT 1/10/2024	E: 1 5:27 PM

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HB1705 would change the calculation of Missouri's net metering costs and potentially discourage prospective solar buyers from installing solar systems. This bill would allow the utility/electric supplier to set energy and demand rates, rate structure and monthly charges based on the utility's calculation of the amount of fixed and demand costs not eliminated by the customer's solar generation. The customer would have no way to determine if this calculation is accurate or valid. Another provision inn HB1705 would allow the utility to charge solar generator customers for "necessary electric distribution system upgrades". The resultant uncertainty about the ultimate costs and payback of solar system would harm the Missouri's solar businesses and cause job loss. Please vote "NO" on HB1705 and similar bills. Thank you for the opportunity to express my views.