

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION OF KENTUCKY)	
POWER COMPANY FOR: (1) APPROVAL TO)	CASE NO.
EXPAND ITS TARGETED ENERGY EFFICIENCY)	2024-00115
PROGRAM; (2) APPROVAL OF A HOME)	
ENERGY IMPROVEMENT PROGRAM AND A)	
COMMERCIAL ENERGY SOLUTIONS		
PROGRAM; (3) AUTHORITY TO RECOVER		
COSTS AND NET LOST REVENUES, AND TO		
RECEIVE INCENTIVES ASSOCIATED WITH		
THE IMPLEMENTATION OF ITS DEMAND-SIDE		
MANAGEMENT/ENERGY EFFICIENCY		
PROGRAMS; (4) APPROVAL OF REVISED		
TARIFF D.S.M.C.; (5) ACCEPTANCE OF ITS		
ANNUAL DSM STATUS REPORT; AND (6) ALL		
OTHER REQUIRED APPROVALS AND RELIEF		

NOTICE OF FILING

Notice is given to all parties that the following materials have been filed into the record of this proceeding:

- The digital video recording of the evidentiary hearing conducted on December 19, 2024 in this proceeding;
- Certification of the accuracy and correctness of the digital video recording;
- A written log listing, *inter alia*, the date and time of where each witness's testimony begins and ends on the digital video recording of the evidentiary hearing conducted on December 19, 2024.

A copy of this Notice, the certification of the digital video record, and the hearing log has been served upon all persons listed at the end of this Notice. Parties may view the digital video recording of the hearing at https://youtu.be/IYk3_keWDxU.

Parties may request a copy of the annotated digital video recording of the hearing by submitting a written request by electronic mail to pscfilings@ky.gov. A minimal fee will be assessed for a copy of this recording.

Done in Frankfort, Kentucky, on January 30, 2025.

Linda C. Bridwell, PE
Executive Director

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ELECTRONIC APPLICATION OF KENTUCKY)
POWER COMPANY FOR: (1) APPROVAL TO)
EXPAND ITS TARGETED ENERGY EFFICIENCY)
PROGRAM; (2) APPROVAL OF A HOME ENERGY)
IMPROVEMENT PROGRAM AND A COMMERCIAL)
ENERGY SOLUTIONS PROGRAM; (3) AUTHORITY)
TO RECOVER COSTS AND NET LOST REVENUES)
AND TO RECEIVE INCENTIVES ASSOCIATED WITH)
THE IMPLEMENTATION OF ITS DEMAND-SIDE)
MANAGEMENT/ENERGY EFFICIENCY PROGRAMS;)
(4) APPROVAL OF REVISED TARIFF D.S.M.C.;)
(5) ACCEPTANCE OF ITS ANNUAL DSM STATUS)
REPORT; AND (6) ALL OTHER REQUIRED)
APPROVALS AND RELIEF)


CASE NO.
2024-00115

CERTIFICATION

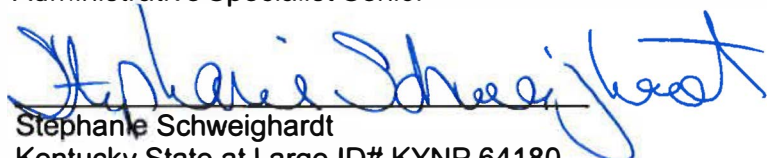
I, Candace H. Sacre, hereby certify that:

1. The attached flash drive contains a digital recording of the Formal Hearing conducted in the above-styled proceeding on December 19, 2024. The Formal Hearing Log is included with the recording on December 19, 2024;
2. I am responsible for the preparation of the digital recording;
3. The digital recording accurately and correctly depicts the Formal Hearing of December 19, 2024; and
4. The Formal Hearing Log attached to this Certificate accurately and correctly states events that occurred at the Formal Hearing of December 19, 2024, and the time each occurred.

Signed this 30th day of January, 2025.



Candace H. Sacre
Administrative Specialist Senior



Stephanie Schweighardt
Kentucky State at Large ID# KYNP 64180
Commission Expires: January 14, 2027



Session Report - Detail

2024-00115 19Dec2024

**Kentucky Power Company
(Kentucky Power)**

Date:	Type:	Location:	Department:
12/19/2024	Public Hearing\Public Comments	Hearing Room 2	Hearing Room 1 (HR 1)

Witness: Stevi Cobern; Bradley Harris; Warren Hiron; Stacy Sherwood; Tanner Wolfram

Judge: Angie Hatton; John Will Stacy; Mary Pat Regan

Clerk: Candace Sacre

Event Time	Log Event
9:03:12 AM	Session Started
9:03:16 AM	Chair Hatton
	Note: Sacre, Candace Preliminary remarks.
9:03:26 AM	Chair Hatton
	Note: Sacre, Candace Introductions.
9:03:36 AM	Chair Hatton
	Note: Sacre, Candace Hearing recommendations.
9:03:46 AM	Chair Hatton
	Note: Sacre, Candace Purpose of hearing.
9:03:52 AM	Chair Hatton
	Note: Sacre, Candace Entry of appearance.
9:04:03 AM	Atty Glass Kentucky Power
	Note: Sacre, Candace Katie Glass, Harlee Havens, witnesses Tanner Wolfram, Stevi Cobern, and Warren Hiron.
9:04:19 AM	Atty Gary Joint Intervenors
	Note: Sacre, Candace Byron Gary, with me Cassandra McRae and Melissa Legge, witnesses Bradley Harris and Stacy Sherwood.
9:04:31 AM	Chair Hatton
	Note: Sacre, Candace Public notice.
9:04:45 AM	Chair Hatton
	Note: Sacre, Candace Outstanding motions.
9:04:54 AM	Chair Hatton
	Note: Sacre, Candace Public comments.
9:07:38 AM	Video Conference Activated
9:13:07 AM	Chair Hatton
	Note: Sacre, Candace Proceed.
9:13:09 AM	Atty Glass Kentucky Power
	Note: Sacre, Candace Tanner Wolfram.
9:13:14 AM	Video Conference Deactivated
9:13:17 AM	Chair Hatton
	Note: Sacre, Candace Witness is sworn.
9:13:23 AM	Camera Lock Witness Activated
9:13:30 AM	Chair Hatton - witness Wolfram
	Note: Sacre, Candace Examination. Name and address?
9:13:46 AM	Camera Lock Deactivated
9:13:48 AM	Atty Glass Kentucky Power - witness Wolfram
	Note: Sacre, Candace Direct Examination. Employer and position?
9:13:59 AM	Atty Glass Kentucky Power - witness Wolfram
	Note: Sacre, Candace Cause be filed testimony and responses?
9:14:18 AM	Atty Glass Kentucky Power - witness Wolfram
	Note: Sacre, Candace Corrections or updates?

9:15:34 AM	Atty Glass Kentucky Power - witness Wolffram Note: Sacre, Candace	If were to ask same questions, answers be same?
9:15:48 AM	Chair Hatton Note: Sacre, Candace	Joint Intervenors?
9:18:02 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Cross Examination. Demand side management, broader context, most recent IRP, annual energy demand 5100 gigawatt hours, sound right?
9:19:20 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Not a precise number, ballpark, saw IRP summer peak demand shy of 1,000 megawatts?
9:19:46 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Winter peak bit higher at 1187 megawatts?
9:20:00 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Participate in PJM, gives reserve margin requirement?
9:20:06 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Looked at or above 1,000 megawatts?
9:20:48 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Think about forecast planning, looked at IRP, suggested capacity short position by 2026, still what company expects?
9:21:55 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Have idea for capacity shortfall come 2028?
9:22:18 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Higher than in 2022 IRP?
9:22:50 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Know have a capacity shortfall, because of that need new sources of power?
9:24:03 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	If understand correctly, expect need new sources of power, summarize could be own generation assets, market purchases, bilateral contracts, number of ways meet need?
9:25:03 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Company request proposals related to this?
9:25:10 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Updates on status of those proposals?
9:26:09 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Sounds like very dynamic time?
9:26:16 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Demand side management plan propose, high level, demand side management, energy efficiency and demand response?
9:26:52 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Primary objective help defer need for new resources of power?
9:28:04 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Restate more narrow question, my understanding Nolen direct testimony primary objective help defer, agree primary objective of DSM?
9:30:08 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Agree primary objective help defer new sources of power?
9:30:40 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Other objectives, some have to do with other benefits of DSM programs to customers?
9:31:00 AM	Atty McRae Joint Intervenors - witness Wolffram Note: Sacre, Candace	Also talking about benefits of program reducing maintenance, operating costs, benefits can also support economic and workforce development?

9:31:21 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Agree benefits of programs include reduced exposure fuel cost volatility?
9:31:45 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Cost effective program can drive energy usage reductions?
9:32:12 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Agree customer bill function of two things, the rate and the usage?
9:32:35 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	And fixed customer charge cannot be avoided?
9:32:43 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	See any request for rate decrease?
9:35:13 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Hearing from you importance of mitigating any cost, lowest reasonable cost for territory?
9:36:59 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Lot agree upon, lot of utilities in Kentucky, how many times seen company propose decrease?
9:37:41 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Today, Kentucky Power has one DSM program?
9:37:59 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	In 2017, Commission directed Kentucky Power to wind down until change in capacity position?
9:38:27 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Agree Commission direction when Kentucky Power has capacity position need for additional generation appropriate time expand program offerings?
9:38:56 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	In early 2021, Kentucky Power reported not renew Rockport unit power agreement?
9:39:16 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Once decision made, Kentucky Power known need additional capacity?
9:39:49 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Why, by late 2021, Kentucky Power sought approval conduct market potential study?
9:40:00 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	What other reason?
9:40:51 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Share with you on screen, proceeding before Commission 2021-00420, application, right?
9:41:12 AM	Wireless Presentation Activated	
9:41:15 AM	Wireless Presentation Deactivated	
9:41:21 AM	Wireless Presentation Activated	
9:41:46 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Sharing, will see proceeding before Commission 2021-00420 title application, right?
9:42:05 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Would have been 2021 application to continue TEE program and authorization conduct market potential study?
9:42:26 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Page 7, market potential study, three paragraphs 29, 30, and 31?
9:42:44 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Paragraph 30, reading, all that consistent?

9:43:23 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Then in paragraph 31, explain market potential study enable Kentucky Power identify real world potential DSM and EE programs address capacity need?
9:44:05 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Continuing to move down, paragraph 34 and 35?
9:44:22 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Agree Kentucky Power noting Commission previously advised DSM programs include robust programs assist participation low-income customers?
9:44:47 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	In paragraph 35, Kentucky Power offered in application enable company identify program potential low-income customers?
9:45:23 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Commission did approve this request?
9:45:35 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	This case, testimony adopted by you from Nolen explained purpose market potential study assist Kentucky Power identifying DSM and EE programs cost effective and avoid expensive supply side resources?
9:45:48 AM	Wireless Presentation Deactivated	
9:46:28 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Aware Commission expectation utilize and observe results to pursue all reasonable DSM programs?
9:47:26 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Commission expectation aggressively pursue cost-effective DSM programs, never told expand in ways not cost effective?
9:50:11 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Answer to question Commission expectation was would utilize and observe results of MPS, answer is yes?
9:50:43 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Are an attorney?
9:51:10 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Direct answers will move things along?
9:51:52 AM	Wireless Presentation Activated	
9:52:10 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Market potential study, in front of you?
9:52:16 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Taking a look at Figure 4-1, Exhibit BLN-1 at page 27 of 123, up on screen, setting out types of energy efficiency potential?
9:53:01 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Illustrates four types energy efficiency potential?
9:53:16 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Starts at top with technical potential, referring to theoretical maximum amount of energy use if only constraints engineering?
9:54:07 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Rebuttal testimony does discuss market potential study?
9:54:35 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Seen this table?
9:54:47 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Agree on what is definition technical potential in MPS?
9:55:00 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Next step down economic potential?

9:55:10 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Economic potential subset of technical potential feasible and cost effective?
9:55:28 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Once get to economic potential, measures cost effective?
9:55:44 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Cost effective is indicated by total resource cost test score of 1.0 or better?
9:55:54 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	The TRC test, right?
9:55:56 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Talking about economic potential in MPS, cost-effective screening done at measure level?
9:56:14 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Economic potential tells us everything feasible and cost effective, last two bars two types of potential?
9:56:42 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Market potential study defines achievable potential reduces energy savings at earlier levels to account for real world barriers customers adopt EE measures?
9:57:08 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Those barriers could be financial barrier?
9:57:19 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Means customer not have cash buy new water heater?
9:57:29 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Another barrier is customer awareness?
9:57:48 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Another barrier customer willingness to participate?
9:57:58 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	These all things MPS accounted for stepping down economic potential to categories of achievable potential?
9:58:50 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	MPS from third-party experts company hired?
9:59:00 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Needed to go to third party because GDS greater expertise in this area?
9:59:58 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	GDS did take that into account by accounting for capability boost program activity over time?
10:00:45 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Talking about GDS, Kentucky Power not special, common?
10:01:05 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Figure 4.1 in any GDS pick up shows up?
10:01:20 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	GDS not include on 4.1 fifth type program potential?
10:01:45 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	MPS does look at fifth type of potential?
10:01:53 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Not type potential shows up in GDS standard table looking at here?
10:02:32 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	So far, pretty good?
10:02:55 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Program potential that is another subset, subset what in program potential in MPS?

10:03:24 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Program potential in MPS based on general portfolio budget constraints?
10:03:38 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Difference is reasonable potential study savings not constrained by spending levels?
10:04:14 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Page 27, three bullet points?
10:04:57 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	MAP, RAP, and then program potential?
10:05:13 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	For RAP, says, reading, see that?
10:05:27 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Give confidence answer is yes?
10:05:40 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Not know if also what words mean?
10:06:09 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Demand response, talking about same thing if say demand response encourages customers voluntarily reduce consumption during peaks?
10:06:41 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Voluntary, which means in some instances sign up in advance, no action customer needs to take, company can cause reduction behind meter?
10:07:10 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Effective demand response program helps balance on grid in peak periods?
10:07:31 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Kentucky Power did not ask GDS to include demand response in MPS?
10:08:09 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	What are demand responses programs in your territory?
10:08:37 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Not have residential demand response programs?
10:08:47 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Not proposing and did not evaluate additional demand response programs?
10:09:00 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Did not separately evaluate demand response programs?
10:09:21 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Rebuttal testimony, page 6, final Q&A line 16 and continues to next page?
10:10:09 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Here, responding to Wood recommendation company expand DSM plan to achieve 0.2 percent energy efficiency savings?
10:10:37 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Page 7, lines 5-7, reading, your testimony?
10:11:08 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Pull up from Sherwood testimony Figure 2, page 18, Sherwood representing energy savings potential determined in MPS for reasonable achievable potential, proposed program potential, and proposed plan this case?
10:12:03 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Rebuttal takes no issue with this figure or any other in Sherwood testimony?

10:12:16 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Agree MPS estimated technically feasible cost-effective reasonably achievable potential is at or over 20,000 MWh annually over plan period?
10:13:31 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Sherwood not recommend try to ramp programs to achieve MPS established reasonable achievable cost-effective potential?
10:13:52 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Basically you and Sherwood disagreeing about what is right incremental next move where have reasonable achievable savings?
10:16:23 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Talked through this, just agreed MPS difference between GDS potential and MPS program potential was budget constraint?
10:16:57 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	That budget constraint not come from GDS, set by Kentucky Power?
10:17:08 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Outset MPS, company to GDS this what willing spend, gives us program potential within that budget?
10:17:33 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	What is budget constraint if not identifying budget amount or range?
10:17:56 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Budget constraint could mean something other than budget, what mean if not keep it under \$20 million?
10:19:29 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	To clarify, what proposed in case consistent with program potential identified in MPS?
10:19:47 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	What figure shows orange and green columns quite close?
10:19:58 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	What asking about difference between blue column and either of orange and green columns?
10:20:56 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Mentioning Kentucky Power surcharge sensitivity, thinking of organizations, aware activities of four organizations?
10:21:33 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Expect Joint Intervenor also sensitive to rate impacts and affordability issues?
10:21:56 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Mentioning budget constraint relation to surcharge sensitivity?
10:22:03 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Was it KPC identified a surcharge range translate into plan expense and how got to budget constraint?
10:23:08 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Involved in this at this stage?
10:23:22 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Would have been Nolen?
10:23:39 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	In terms of folks having conversation with GDS, not have opportunity to talk with anybody with direct experience?
10:24:18 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Not able speak on behalf of company, GDS employee?
10:24:31 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Talked before got this capacity need, DSM programs not take care of it, company defined budget constraints for unit price of contract capacity?

10:26:12 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Reason not put constraint on it, got to have it?
10:27:05 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Go out for supply side resources, not start with budget constraint, start by knowing what all options are and then do comparison find out least cost solution?
10:29:17 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Understand correctly, Kentucky Power may not be able to finance or pay for supply side generation that is needed if too expensive?
10:30:23 AM	Chair Hatton	
	Note: Sacre, Candace	Ten-minute break.
10:30:49 AM	Session Paused	
10:49:54 AM	Session Resumed	
10:49:59 AM	Chair Hatton	
	Note: Sacre, Candace	Back on the record.
10:50:15 AM	Chair Hatton	
	Note: Sacre, Candace	Will remind everyone extensive testimony in record.
10:50:24 AM	Chair Hatton	
	Note: Sacre, Candace	Counsel?
10:50:29 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Cross Examination (cont'd). Page 7, next Q&A, line 14, continues to page 8, responding Sherwood recommendation help customers afford upfront costs explore financial opportunities and identify financing partners?
10:51:09 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Line 20, reading, correct?
10:51:33 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	No upfront costs for TEE program participant?
10:51:40 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Every measure incentivized through HEIP require customer pay some upfront cost?
10:52:28 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Those are direct-install measures?
10:52:33 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Also in HEIP measures that get incentives?
10:52:38 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Tend be higher cost measures, rebate available?
10:52:53 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Participating in commercial program, customers need pay upfront cost for measures company offers incentive?
10:53:11 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Read every public comment in record?
10:53:17 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Include comment provided by Bates, McReynolds, and Long from fahe Housing Development Alliance and HOMES?
10:53:53 AM	Wireless Presentation Activated	
10:54:51 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	In front of you printout of comment, appear to be comment read on website?
10:55:14 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Without belaboring description of organizations find on third page, question at all expertise and knowledge of any of these organizations?
10:55:46 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Kentucky Power worked with any of organizations in past?

10:56:06 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	\$100,000 credit to HOMES, must believe do good work?
10:56:29 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Last page before photos, agree what talking about is direct experience, given upfront costs rebate programs, most customers need to borrow money?
10:57:14 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Low-income customer trying get upgrade, yes, only option HEIP?
10:57:57 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Recall Sherwood recommendations offering increased rebate amounts low- to moderate-income customers?
10:58:11 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Respond at page 10 rebuttal, line 12, testified company designed HEIP all customers, has one rebate level for each measure?
10:59:03 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	All customers participate in HEIP, TEE have income qualification threshold 200% of federal poverty line?
10:59:20 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Determined by DOE?
10:59:23 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	One of program features for TEE company cannot change?
10:59:38 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Know what 200 percent FPL be in service territory?
10:59:48 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Have idea what 200% FPL is?
10:59:55 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Not something discussed whether low- to moderate-income rebate levels be helpful in HEIP?
11:00:42 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Have customer who has income of 201% of FPL, cannot participate?
11:01:03 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Did just establish and agree DOE requirement be under 200 percent of FPL?
11:01:23 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Agreed HEIP each measure defines single rebate?
11:01:30 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Customer with income \$10,000 and customer with \$50,000, eligible for same rebate under HEIP?
11:02:03 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Participation in HEIP, MPS, aware MPS estimate residential adoption rates?
11:02:29 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Looked at relationship between rebate level and customer likelihood to participate?
11:02:45 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	See tables results of analysis at page 30 of 123, Section 4.1.7.1, Table 4.3 at bottom titled residential long-term market adoption rates?
11:03:39 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Understand be representing each of end uses, customer willing participate if incentive five levels zero to 100%?
11:03:55 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	As look across end-use categories tested, agree incentive level increases customer adoption rates increase as well?

11:04:16 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	No reason to doubt logic would work?
11:04:42 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Back to rebuttal, page 8, Q&A runs to line 17, understand response disagreement with recommendation KPC develop next three years manufactured housing pilot?
11:05:41 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Couple of problems with recommendation, one, manufactured home customer eligible HEIP, and, two, no evidence be cost effective or quantification of cost?
11:06:00 AM	Wireless Presentation Deactivated	
11:06:14 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	First point, customer eligible participate for HEIP?
11:06:29 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	HEIP not include rebate or incentive assist customer buying mobile home and paying cost of more efficient model?
11:07:16 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Not think part of MPS study or not part of recommendations?
11:07:23 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Important have evidence of cost effectiveness before considering housing pilot program?
11:07:47 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Appendix D is long Excel spreadsheet reporting residential assumptions and results of screening?
11:08:31 AM	Wireless Presentation Activated	
11:09:04 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	D-12, down left column, 6001 6002 and 6003, see those lines?
11:09:36 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Fifth column left indicating home type?
11:09:52 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Top of page tells how read acronyms, single family SF?
11:10:02 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Manufactured is MH, and multi-family is MF?
11:10:15 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Fifth column, looks like MPS did screening new construction ENERGY STAR new homes, single family, manufactured, and multi-family, what reflects?
11:10:52 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Started with rebuttal, said no evidence of cost effectiveness?
11:11:04 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Take hard look at MPS before made assertion?
11:11:14 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Took hard look at these pages and measure-level permutations subjected to screening?
11:11:47 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Talking about program not included and company objects to, talking in rebuttal, no evidence of cost effectiveness, and MPS is evidence?
11:12:17 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Also evidence of screening done at measure level by GDS?
11:12:25 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Far right column, TRC Score?
11:12:38 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	TRC column means benefit cost ratio and measure-level screening greater than 1.0 cost effective?

11:12:55 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	For each of measures 6001 6002 and 6003, GDS found score of 2.6?
11:13:38 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Rebuttal at page 10, final line at end of line 19, true of proposal all thermostats rebated as part HEIP be demand response capable?
11:14:38 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Understand what mean when say equally true same reasons gave for not pursuing rebates applies here, and that was no specific recommendation, how much cost customers, or whether be cost effective?
11:15:39 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Prefer intervenor witness provide detail and prescribe contour of implementable program?
11:16:18 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Would take a hard look?
11:16:42 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Familiar with standard design for demand response program that can call on DR capable thermostats to reduce load at peak?
11:17:14 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Have idea how common programs are nationwide?
11:17:25 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Have idea what other peer utilities what smart thermostat/DR response programs score on TRCs?
11:17:48 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Did you do any of own research to look at what are programs?
11:19:06 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Didn't investigate everybody, investigate any?
11:19:42 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Ask questions of Sherwood better understand recommendations?
11:20:00 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Be surprised no discovery issued to Sherwood?
11:20:13 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Nothing more to hear from Sherwood?
11:20:34 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	MPS, back to Table 4.3, page 30 of 123, includes thermostat DR?
11:21:37 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Assumption DR means demand response?
11:21:44 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Reflecting customer willingness to participate at various levels committed to end use of DR capable thermostat?
11:22:19 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Back to Appendix D, page D-9, top 72 of 123, measure numbers start at 3197 and run through 3214, take a moment?
11:23:28 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	This would be measure level screening of permutations of smart thermostat measure?
11:23:50 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	With two exceptions, if look at far right, screened with TRC scores above 1.0?
11:25:01 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	In rebuttal, look at page 12, line 6, responding to Harris' recommendation good time to evaluate IUI program?
11:25:12 AM	Wireless Presentation Deactivated	

11:25:53 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Particular line on page 12, line 6, IUI refers to inclusive utility investment program?
11:26:21 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Harris testimony describes and represents what IUI program be constructed, using Duke as example?
11:26:44 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	If company follow Duke NC model, customers responsible for return on and of capital deployed allow individual customers make investments?
11:27:06 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Customers responsible, participating or nonparticipating customers?
11:27:24 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Asked no questions of Harris?
11:27:40 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Know what company explained previously, and nothing felt not understand warranted data requests?
11:28:02 AM	Atty Glass Kentucky Power	
	Note: Sacre, Candace	Objection, calls for legal conclusion.
11:28:52 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Understanding of Harris testimony based on testimony and exhibits submitted with no questions or conversations with Harris?
11:29:43 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Answer was yes?
11:29:49 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Understanding of Harris testimony based on plain text of testimony and exhibits with no follow-up questions or conversations?
11:30:04 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Share on screen testimony and exhibits submitted by Harris, Exhibit BGH-2, recall reviewing?
11:30:09 AM	Wireless Presentation Activated	
11:30:32 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Exhibit reproducing filing by Duke Energy Progress regarding tariffed on-bill program tariff?
11:30:46 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Tariff on-bill program in category of things inclusive utility investments?
11:31:01 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Move to Sheet 2 of 4, actual tariff pages Duke submitted, familiar to you?
11:31:23 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	How Duke did it, see participant repayment cost?
11:31:35 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	And that reads, reading, see that?
11:32:08 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	If follow Duke NC model, what be doing recovering from customer full cost of installation, including capital and return on capital?
11:32:38 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Please explain?
11:32:56 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Line item says for Duke all of those costs and return on and of capital deployed gets assigned to customer?

11:33:16 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Different from what just told me your understanding was of Duke Carolina model and how read line 6-8 page 12 but your understanding costs socialized across all residential customers?
11:33:41 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Misunderstood?
11:33:50 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Understand now that only participating customer pay full cost of measure installation and return on and of capital through Duke approach or one like it?
11:34:25 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Continuing with same part rebuttal, page 12, line 8, reading, is that your testimony?
11:35:20 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Agree in Duke NC example, program designed to allow Duke recover pretax WACC or any capital investment makes behind meter EE measure?
11:35:45 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Program will give company extent outlay capital a return on and of that capital?
11:35:55 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Agree pretax WACC same rate of return on any other investment?
11:36:23 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Is approved WACC any time outlay capital?
11:36:35 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	What Duke getting is approved WACC?
11:36:48 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Authorized?
11:36:50 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	No guarantee for Duke or anyone else?
11:37:02 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Authorized WACC company has, suggesting insufficient for Kentucky Power make capital investments?
11:37:23 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	WACC is sufficient to allow Kentucky Power make capital investments?
11:37:30 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	To extent company has opportunity earn authorized WACC or to extent actually does earn authorized WACC?
11:37:49 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	But all Commission can promise is opportunity earn approved WACC when outlay capital?
11:38:07 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Any idea what capital outlay be for new simple-cycle combustion turbine?
11:38:22 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Safe to say lot more capital than is at stake in this DSM plan proceeding?
11:38:35 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Absolutely, no disagreement there, expect if company needed a new generation resource next five years would be capital investment in hundreds of millions of dollars?
11:39:05 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Not your area in company on supply side investments?

11:39:49 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Hear correctly contribution from AEP Foundation using shareholder dollars target weatherization readiness?
11:40:16 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Would supplement proposal Kentucky Power in this case do need weatherization readiness fund \$1,000 per home at annual total of 15 to \$20,000?
11:40:57 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Agree increasing funding community action agencies can use could mean difference customer qualified for TEE program actually able get home weatherized?
11:41:47 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Something Nolen addressed, noted as much as 50 percent applications income qualified but whose homes cannot be served because not weatherization ready?
11:42:18 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Still have comment letter from fahe and Housing Development Alliance and HOMES?
11:42:36 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Turn to sixth page in packet, fourth line, where gentlemen say, reading, see that?
11:43:24 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Reason to think Alliance not have good estimate of that?
11:43:42 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Bottom says, reading, think safe take HOMES word, too?
11:45:23 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Flip back a couple of pages, is page headed at top housing stock assessment?
11:45:30 AM	Chair Hatton Note: Sacre, Candace	To extent going to continue ask take note of what and ask if more of an expert, not know how necessary that will be.
11:45:45 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Talking before about smart thermostats, recommendation from Sherwood make sure only rebating smart thermostats DR capable, recall that?
11:46:09 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Talked about summer and winter peak, observed winter peak higher than summer peak?
11:46:20 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Unique in territory lot of residential customers with baseboard heating?
11:46:42 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	If said in MPS, it would be correct?
11:46:51 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Winter peak residential contribution, understanding largely driven by amount of energy keep homes in coldest part of day?
11:47:27 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Experience with very cold periods of time during winter months?
11:47:54 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	When demand goes up, energy prices go up?
11:48:09 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Closer get to winter peak, plausible power prices are high?
11:49:21 AM	Atty McRae Joint Intervenor - witness Wolfram Note: Sacre, Candace	Agree when higher demand plausible energy prices be higher?

11:49:47 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Fair to say is supply and demand?
11:50:14 AM	Atty McRae Joint Intervenor - witness Wolfram	
	Note: Sacre, Candace	Advantage of demand response program, when get into high demand scenario, have option shave demand need to serve at critical time, understanding?
11:51:25 AM	Atty McRae Joint Intervenor	
	Note: Sacre, Candace	Confer with counsel.
11:51:52 AM	Wireless Presentation Deactivated	
11:51:56 AM	Chair Hatton	
	Note: Sacre, Candace	Procedural discussion.
11:52:30 AM	Commissioner Stacy	
	Note: Sacre, Candace	Statement by Commissioner Stacy.
11:54:54 AM	Chair Hatton	
	Note: Sacre, Candace	Break for lunch until 12:50.
11:55:12 AM	Session Paused	
12:58:15 PM	Session Resumed	
12:58:18 PM	Chair Hatton	
	Note: Sacre, Candace	Back on the record.
12:58:29 PM	Chair Hatton	
	Note: Sacre, Candace	Were about to move on to Staff cross, will remind you are still under oath.
12:58:36 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	Cross Examination. Best witness ask about implementation specifics about TEE program, HEIP program commercial version of that?
12:59:19 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	Ask her or you how costs are allocated?
12:59:57 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	Mentioned budget, ask questions, understand TEE program around since '90s?
1:00:15 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	Budget amounts set aside TEE program always get used up?
1:01:14 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	Besides utilization of past budget amounts, what other factors considered in developing budget?
1:02:29 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	Extra thousand dollars per home result of inflationary issues?
1:03:40 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	Regarding AEP grant, intent how be used, expansion versus running through DSM rider to lower rates to offset rate impact?
1:05:12 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	Not lower rates but subsidize future expansion?
1:05:28 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	Nolen testimony, page 28, discusses evaluation measurement and verification study, know last time study like that performed?
1:06:01 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	In anticipation of DSM filing or some other reason?
1:06:28 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	Know how much performing new study cost?
1:06:58 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	How plan recover cost of that?
1:07:23 PM	Staff Atty Colyer PSC - witness Wolfram	
	Note: Sacre, Candace	Turn to next page of Nolen testimony, line 4 and 13, reading, what does that mean?

1:09:03 PM	Staff Atty Colyer PSC - witness Wolfram Note: Sacre, Candace	How is cost of hiring TRC allocated?
1:09:48 PM	Staff Atty Colyer PSC - witness Wolfram Note: Sacre, Candace	Which exhibit looking at?
1:10:26 PM	Staff Atty Colyer PSC - witness Wolfram Note: Sacre, Candace	BLN-2 and -3, look at page two, program budget, actual cost of audits be under administration?
1:11:39 PM	Staff Atty Colyer PSC - witness Wolfram Note: Sacre, Candace	Said something about rebates, under incentives?
1:11:54 PM	Staff Atty Colyer PSC - witness Wolfram Note: Sacre, Candace	Rebates part of HEIP, guess call it CESP, HEIP and CESP, rebates also part of TEE program?
1:12:25 PM	Staff Atty Colyer PSC - witness Wolfram Note: Sacre, Candace	Explain to me how rebate system words?
1:13:43 PM	Staff Atty Colyer PSC - witness Wolfram Note: Sacre, Candace	Do require upfront payment by customer get a rebate for later time?
1:14:09 PM	Staff Atty Colyer PSC - witness Wolfram Note: Sacre, Candace	Wanted make sure not situation where contractor actually receiving rebate and passes on savings upfront?
1:14:46 PM	Chair Hatton Note: Sacre, Candace	Commissioner Stacy?
1:14:50 PM	Chair Hatton Note: Sacre, Candace	Commissioner Regan?
1:15:00 PM	Commissioner Regan - witness Wolfram Note: Sacre, Candace	Examination. With AEP grant, combine that with one of other programs?
1:15:39 PM	Commissioner Regan - witness Wolfram Note: Sacre, Candace	Be actively marketing grant program?
1:16:23 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	Examination. Not with Commission in 2018 but understanding PSC initiated investigation case, having found significant increase, gone from 51 cent charge to \$10.61 cost, getting that pretty close?
1:16:48 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	At that time, Kentucky Power required spend \$6 million year on DSM or EE programs, would cover that as well as costs administering program and lost revenue from EE less sales?
1:16:53 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	Commission found not right balance, cost too much, and not enough benefit, this first time come back with new DSM proposal, why does this one strike right balance?
1:20:20 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	Trying to find balance, first year 15 homes get \$1,000, have idea how much that \$1,000 may benefit that customer as far as bill, will vary widely but was attempt to measure that?
1:21:30 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	One comment referenced talked about how cost \$25,000 upgrade one house so can qualify for current weatherization assistance, when thinking about how to spend \$15,000 first year, \$1,000 over 15 houses, CAAs help arrive at that number, or what was thinking how decided spend that?
1:22:59 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	How much was that loan?

1:23:53 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Kentucky Power 20-county area different, type customers have, seven CAAs within area, specific CAAs will be awarded million dollars, too soon to say which?
1:24:50 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Those three?
1:24:55 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Gets bulk of territory?
1:25:08 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	As read testimonies adopted, effort work with DOE money, work directly with DOE, or DOE gives to CAA and your program gives money to CAA, and they spend it?
1:25:35 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	That's where choices be made who gets money?
1:25:52 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	As far as methods how people chosen, taken out of own hands?
1:26:15 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Comment been concerned about seven percent in service area be missed because not get annual usage over \$700 kW per month, addressed in testimony Nolen page 6, find that part and explain to me?
1:28:53 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Any idea how identify those if not just looking at kilowatt hours per month?
1:29:18 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Another suggestion seen in public comment not really way to use DSM programs for new construction, for higher-ground projects other organizations contributing net zero homes or solar panels, possible for additional million be used toward new construction, or worded and awarded differently than that?
1:31:11 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	In studies did, consultant attempt solve renter problem?
1:31:29 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Hard to get any assistance to renter?
1:31:53 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	How communicate changes and opportunities to customers, booklet prepared, newsletter inserts, text messages mentioned, social media been tried, disregarded?
1:32:36 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Discussion from intervenors how service area same people who need low-income assistance financial literacy have limited financial literacy, anything in program addresses that?
1:33:51 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Turnkey vendor, they work with Appalachian Power already?
1:33:59 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Thinking be benefit in scaling that to one has worked with other areas?
1:34:26 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Eat up cost benefit hire administrator in terms of percentage, do you know?
1:35:06 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Everything spend gets recovered back through rates, help low income?
1:35:15 PM	Chair Hatton - witness Wolffram Note: Sacre, Candace	Spread cost back out to all ratepayers, not see backlash to idea?

1:36:11 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	When tried industrial in the past, basically no participation?
1:36:23 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	Do it on their side?
1:36:31 PM	Commissioner Regan - witness Wolfram Note: Sacre, Candace	Examination. Specific reason not want to get into program?
1:37:11 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	Examination. But is commercial through CESP program?
1:37:19 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	When stakeholders gave feedback discussion benefits for commercial, when stakeholders comment at meetings discussion about commercial weatherization and energy efficiency programs?
1:38:32 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	From more of public comments, false letter about 50 percent of people not qualify because homes unsound, this program do anything toward tracking or rely on stakeholders?
1:39:30 PM	Chair Hatton - witness Wolfram Note: Sacre, Candace	As far as people getting information about what equipment eligible, dealers participating dealers, and contractors approved, all get communicated through CAA as well, or education effort Kentucky Power do?
1:40:25 PM	Commissioner Stacy - witness Wolfram Note: Sacre, Candace	Examination. How many years provided these kinds of incentives?
1:41:26 PM	Commissioner Stacy - witness Wolfram Note: Sacre, Candace	Studied amount of investment and reduction in consumption, talk about that?
1:42:01 PM	Commissioner Stacy - witness Wolfram Note: Sacre, Candace	Talk about that a little bit?
1:42:18 PM	Commissioner Stacy - witness Wolfram Note: Sacre, Candace	When work with CAAs, reimburse them for administrative costs?
1:42:51 PM	Commissioner Stacy - witness Wolfram Note: Sacre, Candace	Know what costs are?
1:43:03 PM	Commissioner Stacy - witness Wolfram Note: Sacre, Candace	Know what federal programs utilize to work with you on these?
1:43:34 PM	Commissioner Stacy - witness Wolfram Note: Sacre, Candace	Could be significant amount of federal money flow through CAAs through different programs coordinate funding to administer program?
1:44:02 PM	Chair Hatton Note: Sacre, Candace	Redirect?
1:44:09 PM	Atty Glass Kentucky Power - witness Wolfram Note: Sacre, Candace	Redirect Examination. Turn to page 13 of IRP, have seen copy of Kentucky Power IRP?
1:44:27 PM	Wireless Presentation Activated	
1:44:37 PM	Video Conference Activated	
1:44:47 PM	Atty Glass Kentucky Power - witness Wolfram Note: Sacre, Candace	Case No. 2023-00092?
1:44:50 PM	Atty Glass Kentucky Power - witness Wolfram Note: Sacre, Candace	This is IRP report, and this figure, ES-1, demonstrates what Kentucky Power going-in capacity position is, its assumptions?
1:45:02 PM	Atty Glass Kentucky Power - witness Wolfram Note: Sacre, Candace	Correct inadvertent misstatement capacity position beginning 2026 or 2028, capacity position grow to capacity deficit 700 MW in 2026, looking at this agree not correct?

1:45:48 PM	Atty Glass Kentucky Power - witness Wolffram Note: Sacre, Candace	Mitchell represents black filling-in, Mitchell goes away in 2028, then Big Sandy light blue, represented as going away in going-in position in 2031, what understand?
1:46:30 PM	Atty Glass Kentucky Power - witness Wolffram Note: Sacre, Candace	Is not anticipated be 1,000 megawatt capacity need in 2031, remain around 700 megawatts absent Mitchell?
1:47:02 PM	Atty Glass Kentucky Power - witness Wolffram Note: Sacre, Candace	PAYS program, if improvements made, customer defaults, how utility collect amount owed for improvement measure?
1:47:16 PM	Wireless Presentation Deactivated	
1:48:00 PM	Atty McRae Joint Intervenor	
	Note: Sacre, Candace	Joint stipulation of facts in record.
1:48:42 PM	Atty McRae Joint Intervenor - witness Wolffram Note: Sacre, Candace	Recross Examination. Understand Duke model charge for measures invested through IUI or PAYS-type program get assigned to meter and not customer?
1:49:14 PM	Atty McRae Joint Intervenor - witness Wolffram Note: Sacre, Candace	Kentucky Power discretion what are exact program design features could work for territory?
1:49:54 PM	Atty McRae Joint Intervenor - witness Wolffram Note: Sacre, Candace	Not interested in having workshop conversations about other alternatives?
1:50:26 PM	Atty McRae Joint Intervenor - witness Wolffram Note: Sacre, Candace	One among many alternatives?
1:50:35 PM	Chair Hatton	
	Note: Sacre, Candace	Next witness?
1:50:40 PM	Atty Glass Kentucky Power Note: Sacre, Candace	Stevi Cobern.
1:50:48 PM	Camera Lock Witness Activated	
1:50:54 PM	Chair Hatton	
	Note: Sacre, Candace	Witness is sworn.
1:51:02 PM	Atty Katie Glass Kentucky Power - witness Cobern Note: Sacre, Candace	Examination. Name and address?
1:51:13 PM	Camera Lock Deactivated	
1:51:14 PM	Atty Katie Glass Kentucky Power - witness Cobern Note: Sacre, Candace	Direct Examination. Employer and position?
1:51:22 PM	Atty Katie Glass Kentucky Power - witness Cobern Note: Sacre, Candace	Cause be filed or adopt testimony and responses?
1:51:31 PM	Atty Katie Glass Kentucky Power - witness Cobern Note: Sacre, Candace	Corrections or updates?
1:51:35 PM	Atty Katie Glass Kentucky Power - witness Cobern Note: Sacre, Candace	If ask same questions, answers be same?
1:51:43 PM	Chair Hatton	
	Note: Sacre, Candace	Joint Intervenor?
1:51:45 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Cross Examination. Been with company since 2009?
1:52:23 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Moved into customer services in 2018?
1:52:45 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Later promoted to supervisor?
1:52:50 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Part of role as supervisor to administer home energy assistance program?

1:53:03 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	What acronyms stand for?
1:53:28 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	September this year, accepted new role in company?
1:53:34 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Current title?
1:53:40 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Still administer HEA programs?
1:53:45 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	What role in administering DSM programs?
1:54:40 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	For HEIP and CSP programs, repeat what role is with those?
1:55:08 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Can speak to program design for today's hearing?
1:55:19 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Talk about HART and THAW programs, testified about programs in recent base rate case?
1:55:37 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Testified more applicants than funding?
1:55:46 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Assistance is bill assistance?
1:56:00 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Testified 6800 customers applied and qualified for HART program?
1:56:13 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Reason requested increase budget REA surcharge so company could serve up to 3700 customers?
1:56:41 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	If more than doubled, how many customers able receive assistance in this current heating season?
1:57:01 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Between testimony and now, joint settlement, increased budget, overall program roughly 6800 customers applied 2022, about in range what expecting this year?
1:57:40 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Ask about LIHEAP program, separate from company's program?
1:57:57 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Familiar with LIHEAP program?
1:58:01 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Eligibility for customers 130 percent poverty line or below?
1:58:27 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Something found out quickly, low-income program?
1:58:47 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Recall rate case questions regarding energy usage by LIHEAP customers?
1:59:14 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Comparison LIHEP and residential customers?
1:59:27 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Pull up on screen 2023-00159, attachment, Staff Question 6-11, question asked for monthly usage data from LIHEAP customers, chart average kilowatt usage for residential LIHEAP customers, consistent with what you find?
1:59:55 PM	Wireless Presentation Activated	
2:00:00 PM	Video Conference Deactivated	

2:01:14 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	See peaks, three winter peaks, numbers big enough see peaks for average customer?
2:01:40 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Pull up Response, Staff 6-10, kilowatt usage for residential as a whole, left-hand scale, highest peak 2000 and 2500?
2:02:13 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	LIHEAP customers using more than what average is?
2:02:30 PM	Wireless Presentation Deactivated	
2:02:31 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Customer experiencing high bill, two things go into that - rate and usage?
2:02:47 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Reduce bill, control usage?
2:03:04 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	TEE program works in conjunction with DOE weatherization assistance program?
2:03:31 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Supplemental funding covers certain measures not otherwise covered with federal dollar?
2:04:11 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Measures provided at no cost?
2:04:19 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Weatherization readiness funds, proposed expansion to program and homes not ready receive weatherization measures?
2:05:06 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Takes home otherwise deferred and makes eligible?
2:05:42 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Know how many customers with nonelectric heat served by program?
2:06:15 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Majority participants have electric heat?
2:06:31 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	For customers have another source of heat, not many measures available?
2:06:51 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Also not eligible for HEIP agreement?
2:07:00 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Company track customers have other heat sources nonelectric?
2:07:40 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Chair's question company tracking LMI customers who use these types heat source not currently done?
2:08:02 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Approved budget for 2024 allowed for 94 participants what testimony says?
2:08:14 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	On track serve that many customers this year?
2:08:37 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Talked about 6800 eligible customers applied HART program, how many customers applied for TEE?
2:09:05 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Applied, found eligible, be on wait list?
2:09:21 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	There is wait list?

2:09:29 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Response discovery request from Joint Intervenor, 137 customers on wait list, not know where are now?
2:09:56 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Mentioned one of roles customer outreach, company not conducted outreach about TEE program?
2:11:45 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Budgets, companies proposed increasing TEE budget from 2024 budget, \$299,500 in 2024?
2:12:18 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	\$358,185 proposed for 2025 for TEE?
2:12:35 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Proposed number of expansions to program, include supplemental weatherization readiness funds, incentives cost-effective measures, and increased customer education and administrative expense?
2:13:03 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	How many customers able participate TEE program 2025?
2:13:23 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Are any expansions expected increase total number of participants in program?
2:14:02 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Answer is no?
2:14:32 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Home energy improvement program, HEIP, designated for residential regardless of income?
2:14:50 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	On wait list TEE could participate in HEIP?
2:15:03 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	New program, how customer participate, Exhibit BLN-2, open to residential customers, no restriction on home type, have electric HVAC, audit and measures installed at no cost?
2:15:47 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Then auditor determines if customer eligible for incentives or rebates?
2:16:22 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Pull up list of measures available under HEIP, one adopted, Response to 1-5, reading, two categories, understand response to last question, auditor recommend, is this like a menu?
2:17:08 PM	Wireless Presentation Activated	
2:17:28 PM	Video Conference Activated	
2:18:53 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	As far as what company ultimately approve reimbursement, tied to what auditor said be cost effective?
2:19:03 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	"I want the works," get approved cost effective ones?
2:19:14 PM	Video Conference Deactivated	
2:19:53 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Have confidence being approved because approval process on other end?
2:20:13 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Says max incentive level, Wolfram says like flat incentive level, ultimately receive less than this amount?

2:21:16 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Ask Hirons how works, amount varied based upon savings, this chart is result of what probably going to get versus what actually looks like?
2:21:52 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	What be helpful here post-hearing data request clarify what meaning of max incentive level and if some variation, able to provide that?
2:21:53 PM	POST-HEARING DATA REQUEST Note: Sacre, Candace Note: Sacre, Candace	ATTY LEGGE JOINT INTERVENORS - WITNESS COBERN CLARIFY MEANING OF MAX INCENTIVE LEVEL AND IF THERE IS VARIATION
2:22:27 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Looking at rebates, Energy Star room air conditioner, max \$20, not designed to cover full cost?
2:22:57 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Difference be upfront cost to customer?
2:23:02 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Plus installation?
2:23:16 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Continuing, customer does audit, install measure at own cost?
2:23:28 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Vendor performs quality control check?
2:23:35 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Kentucky Power approves incentive payment?
2:23:42 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Wolfram said been figuring out invoice process for that?
2:24:04 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	From the time?
2:24:09 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	From approval time, estimates how long approval process from submitting documentation to approval?
2:24:39 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	At least four to six weeks plus approval process time as delay between when submit and when receive that?
2:25:38 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Customer has to have financial resources pay full costs of incentive measures up front and wait four to six weeks plus?
2:26:23 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Process for commercial energy solutions program roughly same audit?
2:26:38 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	There is post-installation audit?
2:26:47 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Similar to HEIP, commercial customers be able pay upfront costs of measures?
2:26:56 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Commercial customers not residential and not industrial, everyone in middle?
2:27:11 PM	Atty Legge Joint Intervenor - witness Cobern Note: Sacre, Candace	Everyone from machine shop, public library, church, lot of different types?
2:27:35 PM	Wireless Presentation Deactivated	

2:27:47 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Questions from Chair about how many customers apply participate in TEE but unable to?
2:28:13 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Joint Intervenor asked question in discovery, pull up real quick, Response to 1-16, adopted when adopted Nolen, accurate?
2:29:07 PM	Wireless Presentation Activated	
2:29:08 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Question said, for TEE program, five years, provide on annual basis, subpart (h) is number eligible participants unable to receive weatherization and energy services measure?
2:29:13 PM	Video Conference Activated	
2:29:22 PM	Video Conference Deactivated	
2:29:40 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	Response from company, does not maintain requested information, still accurate?
2:30:40 PM	Atty Legge Joint Intervenor - witness Cobern	
	Note: Sacre, Candace	When Wolfram said companies could provide, your position is you don't know?
2:31:06 PM	Chair Hatton	
	Note: Sacre, Candace	Ten-minute break.
2:31:27 PM	Session Paused	
2:45:59 PM	Session Resumed	
2:46:04 PM	Chair Hatton	
	Note: Sacre, Candace	Back on the record.
2:46:13 PM	Chair Hatton	
	Note: Sacre, Candace	Allow Staff cross examine witness Cobern.
2:46:20 PM	Staff Atty Colyer PSC - witness Cobern	
	Note: Sacre, Candace	Cross Examination. Like to talk first about details about TEE program and may reference SCB-6, how works for individual customer, how learn about TEE program?
2:47:34 PM	Staff Atty Colyer PSC - witness Cobern	
	Note: Sacre, Candace	Any ongoing marketing costs with program?
2:48:15 PM	Staff Atty Colyer PSC - witness Cobern	
	Note: Sacre, Candace	When somebody contacts Kentucky Power via website or however do it, next step, put in touch with CAA who provides application?
2:49:25 PM	Staff Atty Colyer PSC - witness Cobern	
	Note: Sacre, Candace	Site visit performed by CAA or third party?
2:49:51 PM	Staff Atty Colyer PSC - witness Cobern	
	Note: Sacre, Candace	Administrative cost as it stands \$200, paid to CAA or allocated for rate purposes?
2:50:33 PM	Staff Atty Colyer PSC - witness Cobern	
	Note: Sacre, Candace	After someone from CAA visits residence, contact contractor to schedule weatherizations?
2:51:01 PM	Staff Atty Colyer PSC - witness Cobern	
	Note: Sacre, Candace	Internal contractors, do it themselves or have contracts with specific contractors?
2:51:44 PM	Staff Atty Colyer PSC - witness Cobern	
	Note: Sacre, Candace	Does CAA receive same amount regardless of how much work performed, extra work to fix safety issue?
2:52:33 PM	Staff Atty Colyer PSC - witness Cobern	
	Note: Sacre, Candace	Agreement between CAA and Kentucky Power that governs how much receive?

2:52:58 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Understanding to say amount might vary depending on what other sources of funding receiving?
2:53:19 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Assume some folks apply and are approved TEE program not end up getting whatever weatherization or repairs needed?
2:54:23 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Found are other barriers to customers completing weatherization?
2:54:52 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	What they believe intensive about them?
2:55:09 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Give an example what those might be?
2:55:45 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Percentage of customers not going through process because not finish application?
2:56:01 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Kentucky Power wants increase education expense \$50 to \$75, what includes?
2:56:33 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Examination. Who pays \$50, now \$75, the customer pays that?
2:56:46 PM	Commissioner Regan - witness Cobern Note: Sacre, Candace	Examination. Who ultimately pays though?
2:56:56 PM	Commissioner Regan - witness Cobern Note: Sacre, Candace	So does go to ratepayers then?
2:57:01 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Cross Examination (cont'd). Got presently \$50 but \$75 under what application asking for to provide information at start of process and actual weatherization or audit stage?
2:57:50 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Tips on how to maintain and optimize changes?
2:58:00 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	And presently \$200 but under application \$300 varied depending on what CAA receiving from other sources paid directly to CAA for administration purposes?
2:58:24 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Typical cost for weatherization measures?
2:59:21 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Only other cost be cost having somebody fix health and safety issues?
2:59:38 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Give examples what issues be?
3:00:15 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Under present program, TEE pays for that?
3:00:24 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Under recommended changes potentially would?
3:00:54 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Any other costs that incurred under any other circumstances in TEE program?
3:01:13 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	All costs included in SVE-6, or are costs run through different expense for DSM?
3:02:24 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Move to HEIP costs, asked about which part of itemized budget, looking at BLN-2, believed actual audit under administration?

3:03:21 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Technology goes down drastically because year one purchases of new IT equipment front-loading cost as often is case?
3:03:54 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Walk through HEIP with you way did with TEE program, \$14,000 a year in marketing expense, what marketing strategy was?
3:05:59 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Talked about TRC, Kentucky Power have contract with TRC?
3:06:32 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	How paying for input on developing programs for marketing system?
3:06:45 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Somebody provide information in post-hearing data request?
3:06:46 PM	POST-HEARING DATA REQUEST Note: Sacre, Candace Note: Sacre, Candace	STAFF ATTY COLYER PSC - WITNESS COBERN CONTRACT WITH TRC, HOW PAYING FOR INPUT DEVELOPING PROGRAMS FOR MARKETING SYSTEM
3:07:05 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	How apply for program, web based?
3:07:30 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Anything disqualify somebody?
3:07:45 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	TRC be administering program?
3:07:55 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Be using third-party contractor to do audits or doing themselves, planned hire someone else?
3:08:57 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Having hard time, not sure what TRC work encompasses, tell me more about them?
3:09:36 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	More or less like CAAs?
3:09:47 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	After somebody does audit, provide written report to customer what needs be done?
3:10:21 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	For this program and commercial program, TRC score over one, people expected do things recommended, know from Kentucky Power study what percentage of customers get audit actually do anything recommended?
3:11:38 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Something Hirons might know?
3:11:57 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Any sort of material provided to customers HEIP as far as brochures, walk through weatherization optimization?
3:12:59 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Kentucky Power plan to gather information level of compliance or acceptance of recommendations?
3:13:46 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Exhibit BLM-3, page 2, marketing and IT budget same for home energy program and commercial program, ??? administrative almost twice as high, why difference between home and commercial programs?
3:15:36 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Know if AEP has program similar to home energy or commercial energy programs in other jurisdictions?

3:16:07 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Know if AEP had any EM&V studies determining what TRC scores were once implemented?
3:16:30 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Anybody here answer that question?
3:16:48 PM	Staff Atty Colyer PSC - witness Cobern Note: Sacre, Candace	Talked about federal funding for low income, any funding available for home or commercial energy programs?
3:18:45 PM	Chair Hatton Note: Sacre, Candace	Commissioner Regan?
3:18:52 PM	Commissioner Regan - witness Cobern Note: Sacre, Candace	Examination. To go back to costs for TEE program, going from \$50 to \$75 per customer application, and are increasing administrative fee from \$200 to \$300?
3:19:27 PM	Commissioner Regan - witness Cobern Note: Sacre, Candace	Average time for wait list?
3:20:07 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Examination. TEE program different from weatherization readiness fund?
3:20:54 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Each \$1000 also include \$375 expenses, or those separate?
3:21:16 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Give to community action, and they handle it?
3:21:52 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Ones already not in dangerous condition not also need weatherization readiness money?
3:22:05 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	And only if need weatherization readiness money would \$375 fee apply?
3:22:22 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Still trying figure out how figures in to amount each customer gets, subtract \$375 from it?
3:23:03 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Not reduce what they get?
3:23:12 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Come back out through surcharge?
3:23:27 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Commercial DSM program, who administers that one?
3:23:44 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Audit for both residential and commercial?
3:23:56 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Who gets those?
3:24:00 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Customer education issues, text message and social media, figuring out your customers reply best?
3:24:59 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	Saw results?
3:25:41 PM	Chair Hatton - witness Cobern Note: Sacre, Candace	At some point, make choice, industrial efforts no one took you up on it, hate to see that happen?
3:26:00 PM	Commissioner Regan - witness Cobern Note: Sacre, Candace	Examination. Majority of customers have laptops or smart phones?
3:26:09 PM	Commissioner Regan - witness Cobern Note: Sacre, Candace	More so than computers?

3:26:14 PM	Chair Hatton Note: Sacre, Candace	Redirect?
3:26:17 PM	Chair Hatton Note: Sacre, Candace	Follow up?
3:26:20 PM	Atty Legge Kentucky Power Note: Sacre, Candace	Incorporate by reference two data request responses to Staff 6-10 and 6-11, Attachments 1.
3:27:19 PM	Chair Hatton Note: Sacre, Candace	Call next witness?
3:27:21 PM	Atty Glass Kentucky Power Note: Sacre, Candace	Warren Hiron.
3:27:23 PM	Camera Lock Witness Activated	
3:27:31 PM	Chair Hatton Note: Sacre, Candace	Witness is sworn.
3:27:38 PM	Chair Hatton - witness Hiron Note: Sacre, Candace	Examination. Name and address?
3:27:49 PM	Camera Lock Deactivated	
3:27:53 PM	Atty Glass Kentucky Power - witness Hiron Note: Sacre, Candace	Direct Examination. Employer and position?
3:28:01 PM	Atty Glass Kentucky Power - witness Hiron Note: Sacre, Candace	Cause be filed testimony in response to data requests or did you adopt testimony?
3:28:15 PM	Atty Glass Kentucky Power - witness Hiron Note: Sacre, Candace	Corrections or updates?
3:28:20 PM	Atty Glass Kentucky Power - witness Hiron Note: Sacre, Candace	If ask same questions, answers be same?
3:28:25 PM	Chair Hatton Note: Sacre, Candace	Joint Intervenors?
3:28:42 PM	Atty McRae Joint Intervenors - witness Hiron Note: Sacre, Candace	Cross Examination. Said title project manager at GDS, project manager on MPS?
3:28:55 PM	Atty McRae Joint Intervenors - witness Hiron Note: Sacre, Candace	Involved in this start to finish?
3:28:59 PM	Atty McRae Joint Intervenors - witness Hiron Note: Sacre, Candace	How long take you here to get start to finish?
3:29:22 PM	Atty McRae Joint Intervenors - witness Hiron Note: Sacre, Candace	Typical period of time?
3:29:37 PM	Atty McRae Joint Intervenors - witness Hiron Note: Sacre, Candace	What is shortest start to finish?
3:29:57 PM	Atty McRae Joint Intervenors - witness Hiron Note: Sacre, Candace	Accurate say quality of analysis fresh round up look at Kentucky Power?
3:30:16 PM	Atty McRae Joint Intervenors - witness Hiron Note: Sacre, Candace	Not all MPSs GDS does are this robust?
3:30:54 PM	Atty McRae Joint Intervenors - witness Hiron Note: Sacre, Candace	Idea of average cost range for GDS MPS?
3:31:39 PM	Atty McRae Joint Intervenors - witness Hiron Note: Sacre, Candace	Range \$150,000 to over million dollars, here did MPS for a utility, not uncommon?
3:32:04 PM	Atty McRae Joint Intervenors - witness Hiron Note: Sacre, Candace	Common client for GDS be state department?
3:32:29 PM	Atty McRae Joint Intervenors - witness Hiron Note: Sacre, Candace	How many times been project manager asked perform on behalf of intervening party?

3:32:53 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	How many years have been lead on MPSs?
3:33:15 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	When assumed portion of prefilled direct testimony, with that did not provide resume, something could provide in post-hearing data request?
3:33:43 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Provide including a list of market potential studies done and who doing on behalf of?
3:33:44 PM	POST-HEARING DATA REQUEST	
	Note: Sacre, Candace	ATTY MCRAE JOINT INTERVENORS - WITNESS HIRON
	Note: Sacre, Candace	PROVIDE CV/RESUME INCLUDING LIST OF MARKET POTENTIAL STUDIES DONE AND FOR WHOM EACH PERFORMED
3:34:03 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Question earlier about rebates, confusion about HEIP program, data response said maximum incentive rebate, able clarify single max incentive rebate or how tiered?
3:34:45 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Possible way incentives vary based on if have different levels qualifying equipment increasing performance capabilities rebate amount scale up?
3:35:04 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Make sense way explain if some scaling happening?
3:35:23 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Way programs work market rebate part of program, looking to cover incremental cost of minimum level efficiency equipment?
3:36:11 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	If buying 15-year piece of equipment, standing at store what pay out of pocket and savings over 15 years get back?
3:36:35 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	When do for utilities, is it the case utilities recover \$150,000 to million-dollar MPS study cost from ratepayers?
3:37:01 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Recall Wolfram talk what budget restraints were or previously determined spending levels, recollection what means budget constraints?
3:37:38 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Bottom page 37, BLN-1, header page 40 of 123, section 5.2, program potential results?
3:39:00 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	What analysis GDS did get down to level selected was used constrain program potential?
3:39:57 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Just said four programs recommended, was five?
3:40:06 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Understand not as though tested or evaluated higher or lower levels than what see as program potential?
3:40:45 PM	Chair Hatton	
	Note: Sacre, Candace	Staff?
3:40:48 PM	Staff Atty Colyer PSC - witness Hiron	
	Note: Sacre, Candace	Cross Examination. TEE program, way reviewed costs based on MPS or input from CAAs or both?

3:41:42 PM	Staff Atty Colyer PSC - witness Hiron	
	Note: Sacre, Candace	Asked Cobern whether aware AEP had projects similar to home energy or commercial energy programs in other jurisdictions, aware of any?
3:42:20 PM	Staff Atty Colyer PSC - witness Hiron	
	Note: Sacre, Candace	Would programs part of data set used in study?
3:42:58 PM	Staff Atty Colyer PSC - witness Hiron	
	Note: Sacre, Candace	Know if AEP or anybody running programs like this collecting information on how much of recommendations made in audit actually acted upon by customers?
3:44:00 PM	Staff Atty Colyer PSC - witness Hiron	
	Note: Sacre, Candace	Information used in determining TRC score?
3:44:14 PM	Chair Hatton	
	Note: Sacre, Candace	Commissioner Stacy?
3:44:15 PM	Chair Hatton	
	Note: Sacre, Candace	Commissioner Regan?
3:44:17 PM	Chair Hatton	
	Note: Sacre, Candace	Redirect?
3:44:20 PM	Atty Glass Kentucky Power - witness Hiron	
	Note: Sacre, Candace	Redirect Examination. Redirect based on Joint Intervenor's questioning Wolfram earlier, Appendix D, MPS.
3:44:35 PM	Atty McRae Joint Intervenor	
	Note: Sacre, Candace	Object to line of questioning.
3:45:16 PM	Atty Glass Kentucky Power - witness Hiron	
	Note: Sacre, Candace	Turn to Appendix D, section page 12, 6001, 6002, and 6003, recall that?
3:45:42 PM	Atty Glass Kentucky Power - witness Hiron	
	Note: Sacre, Candace	Top of every page, key for what acronyms mean, measure level detail, see that?
3:45:56 PM	Atty Glass Kentucky Power - witness Hiron	
	Note: Sacre, Candace	Provide context what information provides at matter level detail and in context TRC scores for each measure mean?
3:47:23 PM	Atty Glass Kentucky Power - witness Hiron	
	Note: Sacre, Candace	If costs incorporated and if were be analyzed on program level, how think affect TRC score?
3:48:19 PM	Chair Hatton	
	Note: Sacre, Candace	Follow up?
3:48:24 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Recross Examination. Appendix D, MPS speaks for itself?
3:48:46 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Point just made, what happening measure level screen not account for program costs explained in section 4, agree?
3:49:34 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Agree context also stated in main portion of report?
3:49:47 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Measure level screening critical step in process developing MPS?
3:49:55 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	And only measures pass mark could have made it into assessment of economic potential?
3:50:30 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Talking about when started and finished MPS, recall month?
3:50:45 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	Subject to check, late summer of '22?
3:51:13 PM	Atty McRae Joint Intervenor - witness Hiron	
	Note: Sacre, Candace	If stated in Nolen prefiled testimony, would have gotten right?

3:51:21 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	If Nolen said August 2022 MPS effort started, recalling accurately?
3:51:35 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	Whose recommendation not to move new construction measures forward, GDS or Kentucky Power?
3:52:44 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	Because not see customer growth assumption made not be new construction?
3:53:18 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	As part of research of Kentucky Power needs started around August 2022, research effects of flooding events?
3:53:45 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	Consider at all be flood recovery efforts?
3:53:54 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	Not part of decision to move forward from screening new construction rebates?
3:55:13 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	Cost effectiveness, talking about benefits versus cost?
3:55:38 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	Biggest cost new supply side generation?
3:55:50 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	Generally costs assigned avoiding need build or contract or acquire new supply side resources?
3:56:09 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	If utility has significant need invest supply side resources, be utility has unusually high avoided cost potential?
3:56:33 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	Heard testimony in position knowing have near term capacity shortfall to make up?
3:56:55 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	Trying to translate speculation based on cost effectiveness to testing did not do beyond screening, still right?
3:58:01 PM	Atty McRae Joint Intervenor - witness Hirons	
	Note: Sacre, Candace	Analysis, again, forgot to incorporate research or thinking about what happen after 2022 floods?
3:58:15 PM	Chair Hatton	
	Note: Sacre, Candace	Staff?
3:58:17 PM	Chair Hatton	
	Note: Sacre, Candace	Commissioners?
3:58:23 PM	Chair Hatton	
	Note: Sacre, Candace	Ten-minute recess.
3:58:39 PM	Session Paused	
4:19:47 PM	Session Resumed	
4:19:54 PM	Chair Hatton	
	Note: Sacre, Candace	Back on the record.
4:20:16 PM	Chair Hatton	
	Note: Sacre, Candace	Call first witness?
4:20:17 PM	Atty Gary Joint Intervenor	
	Note: Sacre, Candace	Bradley Harris.
4:20:22 PM	Camera Lock Witness Activated	
4:20:26 PM	Chair Hatton	
	Note: Sacre, Candace	Witness is sworn.
4:20:33 PM	Chair Hatton - witness Harris	
	Note: Sacre, Candace	Examination. Name and address?

4:20:45 PM	Atty Gary Joint Intervenors - witness Harris Note: Sacre, Candace	Direct Examination. Cause testimony filed?
4:20:52 PM	Atty Gary Joint Intervenors - witness Harris Note: Sacre, Candace	Were to ask same questions, answers be same?
4:21:00 PM	Camera Lock Deactivated	
4:21:10 PM	Staff Atty Colyer PSC - witness Harris Note: Sacre, Candace	Cross Examination. Talk about IUI programs, what programs Kentucky Power evaluate that hasn't?
4:23:05 PM	Staff Atty Colyer PSC - witness Harris Note: Sacre, Candace	To extent augment programs already proposed or exist, screen differently than Kentucky Power is now?
4:24:19 PM	Commissioner Stacy - witness Harris Note: Sacre, Candace	Examination. What kind of new home programs, describe some of that?
4:25:18 PM	Commissioner Regan - witness Harris Note: Sacre, Candace	Examination. Program being used anywhere today?
4:25:43 PM	Commissioner Regan - witness Harris Note: Sacre, Candace	Walk through program, how work on IUI?
4:29:06 PM	Commissioner Regan - witness Harris Note: Sacre, Candace	Talked about IRA, dollars from that?
4:29:13 PM	Commissioner Regan - witness Harris Note: Sacre, Candace	Can be used in this program?
4:30:45 PM	Commissioner Regan - witness Harris Note: Sacre, Candace	Based on moving forward, not looking at today?
4:30:58 PM	Commissioner Regan - witness Harris Note: Sacre, Candace	Forecasting that is going to happen?
4:31:52 PM	Chair Hatton - witness Harris Note: Sacre, Candace	Examination. Works best with new construction?
4:32:21 PM	Chair Hatton - witness Harris Note: Sacre, Candace	Proposed IUI working group?
4:32:27 PM	Chair Hatton - witness Harris Note: Sacre, Candace	Included in ongoing stakeholder meetings?
4:33:04 PM	Chair Hatton - witness Harris Note: Sacre, Candace	Concerns regarding feasibility, net bill savings means less cost for customer?
4:33:19 PM	Chair Hatton - witness Harris Note: Sacre, Candace	But means less income for utility?
4:33:25 PM	Chair Hatton - witness Harris Note: Sacre, Candace	Under proposal, reduced revenue rolled into surcharge?
4:33:54 PM	Chair Hatton - witness Harris Note: Sacre, Candace	Assuming that, not necessarily money loser for utility?
4:34:07 PM	Commissioner Stacy - witness Harris Note: Sacre, Candace	Examination. What does theory do to bottom line, what is outcome financially?
4:34:55 PM	Commissioner Stacy - witness Harris Note: Sacre, Candace	Think just a wash financially for a utility in this?
4:35:21 PM	Commissioner Regan - witness Harris Note: Sacre, Candace	Examination. Would people rebuilding be eligible for package and rebates?
4:36:58 PM	Chair Hatton Note: Sacre, Candace	Redirect?

4:37:07 PM	Atty Gary Joint Intervenor - witness Harris	
	Note: Sacre, Candace	Redirect Examination. Explain recommendation a little more regarding working group, page 3 of testimony, what outcome of working group be?
4:38:28 PM	Chair Hatton	
	Note: Sacre, Candace	Anything further?
4:38:35 PM	Chair Hatton	
	Note: Sacre, Candace	Next witness?
4:38:39 PM	Atty Gary Joint Intervenor	
	Note: Sacre, Candace	Stacy Sherwood.
4:38:46 PM	Camera Lock Witness Activated	
4:38:52 PM	Chair Hatton	
	Note: Sacre, Candace	Witness is sworn.
4:38:58 PM	Chair Hatton - witness Sherwood	
	Note: Sacre, Candace	Examination. Name and address?
4:39:10 PM	Camera Lock Deactivated	
4:39:12 PM	Atty Gary Joint Intervenor - witness Sherwood	
	Note: Sacre, Candace	Direct Examination. Tell us who employer is?
4:39:21 PM	Atty Gary Joint Intervenor - witness Sherwood	
	Note: Sacre, Candace	What is position?
4:39:27 PM	Atty Gary Joint Intervenor - witness Sherwood	
	Note: Sacre, Candace	Cause testimony be filed?
4:39:35 PM	Atty Gary Joint Intervenor - witness Sherwood	
	Note: Sacre, Candace	Cause be filed corrections?
4:39:40 PM	Atty Gary Joint Intervenor	
	Note: Sacre, Candace	Filed correction, did not refile entire testimony with correction included, will do tomorrow.
4:39:52 PM	Atty Gary Joint Intervenor - witness Sherwood	
	Note: Sacre, Candace	Referring to correction, state briefly correction to initial testimony?
4:40:30 PM	Atty Gary Joint Intervenor - witness Sherwood	
	Note: Sacre, Candace	If ask same questions, answers be same?
4:40:42 PM	Chair Hatton	
	Note: Sacre, Candace	Staff?
4:40:46 PM	Staff Atty Colyer PSC - witness Sherwood	
	Note: Sacre, Candace	Cross Examination. On page 6, recommend .2 percent energy efficiency savings goal as a percent of sales, how determine that percentage?
4:41:46 PM	Staff Atty Colyer PSC - witness Sherwood	
	Note: Sacre, Candace	What was peak percentage?
4:42:20 PM	Chair Hatton	
	Note: Sacre, Candace	Questions?
4:43:05 PM	Chair Hatton	
	Note: Sacre, Candace	Exhibits.
4:43:05 PM	Camera Lock Witness Activated	
4:43:10 PM	Camera Lock Deactivated	
4:43:27 PM	Chair Hatton	
	Note: Sacre, Candace	Post-hearing data requests.
4:44:38 PM	Chair Hatton	
	Note: Sacre, Candace	Briefs.
4:47:30 PM	Chair Hatton	
	Note: Sacre, Candace	Anything further?
4:47:38 PM	Chair Hatton	
	Note: Sacre, Candace	Adjourned.
4:47:49 PM	Session Ended	

*Ashley Wilmes
Kentucky Resources Council, Inc.
Post Office Box 1070
Frankfort, KENTUCKY 40602

*Tanner Wolfram
American Electric Power Service Corporation
1 Riverside Plaza, 29th Floor
Post Office Box 16631
Columbus, OHIO 43216

*Byron Gary
Kentucky Resources Council, Inc.
Post Office Box 1070
Frankfort, KENTUCKY 40602

*Tom Fitzgerald
Kentucky Resources Council, Inc.
Post Office Box 1070
Frankfort, KENTUCKY 40602

*Hector Garcia
Kentucky Power Company
1645 Winchester Avenue
Ashland, KY 41101

*Kentucky Power Company
1645 Winchester Avenue
Ashland, KY 41101

*Kenneth J Gish, Jr.
Stites & Harbison
250 West Main Street, Suite 2300
Lexington, KENTUCKY 40507

*Katie M Glass
Stites & Harbison
421 West Main Street
P. O. Box 634
Frankfort, KENTUCKY 40602-0634