

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION OF EAST)	
KENTUCKY POWER COOPERATIVE, INC. FOR)	CASE NO.
1) A CERTIFICATE OF PUBLIC CONVENIENCE)	2024-00310
AND NECESSITY TO CONSTRUCT A NEW)	
GENERATION RESOURCE; 2) A SITE		
COMPATIBILITY CERTIFICATE; AND 3) OTHER		
GENERAL 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 March 18, 2025 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 March 18, 2025.

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/u8TNxYD-mZk>.

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 May 21, 2025.



Linda C. Bridwell, PE
Executive Director

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CERTIFICATION

I, Candace H. Sacre, hereby certify that:

1. I am responsible for the preparation of the electronic files containing the recording of the Formal Hearing conducted in the above-styled proceeding on March 18, 2025. The Formal Hearing Log is included with the recording on March 18, 2025.
2. The recording accurately and correctly depicts the Formal Hearing of March 18, 2025; and
3. The Formal Hearing Log accurately and correctly states the events that occurred at the Formal Hearing on March 18, 2025, and the time at which each occurred.

Signed this 16th day of May, 2025.


Candace H. Sacre
Administrative Specialist Senior


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



Session Report - Detail

2024-00310 18Mar2025

East Kentucky Power Cooperative,
Inc. (EKPC)

Date:	Type:	Location:	Department:
3/18/2025	Public Hearing\Public Comments	Hearing Room 2	Hearing Room 2 (HR 2)

Witness: Julia Tucker

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

Clerk: Candace Sacre

Event Time	Log Event
9:03:29 AM	Session Started
9:03:30 AM	Chair Hatton
	Note: Sacre, Candace Preliminary remarks.
9:03:45 AM	Chair Hatton
	Note: Sacre, Candace Were awaiting last witness from applicant, call when are ready.
9:03:51 AM	Atty Honaker EKPC
	Note: Sacre, Candace Julia Tucker.
9:03:59 AM	Chair Hatton
	Note: Sacre, Candace Witness is sworn.
9:04:08 AM	Chair Hatton - witness Tucker
	Note: Sacre, Candace Examination. Name and address?
9:04:23 AM	Atty Honaker EKPC - witness Tucker
	Note: Sacre, Candace Direct Examination. File testimony?
9:04:29 AM	Atty Honaker EKPC - witness Tucker
	Note: Sacre, Candace Heard from Horn was couple of data requests mixed up?
9:04:35 AM	Atty Honaker EKPC - witness Tucker
	Note: Sacre, Candace Responsible for No. 38?
9:04:40 AM	Atty Honaker EKPC - witness Tucker
	Note: Sacre, Candace Was Joint Intervenors?
9:04:44 AM	Atty Honaker EKPC - witness Tucker
	Note: Sacre, Candace Also still co-respondent on 39?
9:04:49 AM	Atty Honaker EKPC - witness Tucker
	Note: Sacre, Candace Any other corrections?
9:06:17 AM	Atty Honaker EKPC - witness Tucker
	Note: Sacre, Candace Only other correction like to make?
9:06:23 AM	Atty Honaker EKPC - witness Tucker
	Note: Sacre, Candace If asked same questions, responses be same?
9:06:29 AM	Atty Honaker EKPC - witness Tucker
	Note: Sacre, Candace Intent incorporate into record of proceeding?
9:06:37 AM	Chair Hatton
	Note: Sacre, Candace Mr. West?
9:06:39 AM	Asst Atty General West - witness Tucker
	Note: Sacre, Candace Cross Examination. High level give understanding of what supply situation is in PJM RTO?
9:07:22 AM	Asst Atty General West - witness Tucker
	Note: Sacre, Candace Believe asked data request about understanding of expectations serving native load?
9:07:39 AM	Asst Atty General West - witness Tucker
	Note: Sacre, Candace Reiterate what understanding is of that?

9:08:15 AM	Asst Atty General West - witness Tucker Note: Sacre, Candace	Question is doesn't that seem like smart policy given where PJM is in terms of supply?
9:08:58 AM	Chair Hatton Note: Sacre, Candace	Ms. Cohn?
9:09:07 AM	Atty Cohn Nucor - witness Tucker Note: Sacre, Candace	Cross Examination. Speak to how this resource valuable in PJM market?
9:10:07 AM	Atty Cohn Nucor - witness Tucker Note: Sacre, Candace	In which PJM markets this resource compete in?
9:10:29 AM	Chair Hatton Note: Sacre, Candace	Joint Intervenor?
9:10:42 AM	Video Conference Activated	
9:10:56 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Cross Examination. Starting with your role, are VP of power supply and planning?
9:11:12 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Load forecasting, PJM market operations talking about?
9:11:20 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Demand side management, distributed energy resources, development of renewable projects, all within your purview?
9:11:28 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Oversaw development of EKPC long-term load forecast?
9:11:36 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Included forecasts from member owners?
9:11:44 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Develop forecast for member owners?
9:11:49 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Then that goes into EKPC overall LTLF?
9:12:12 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Long-term load forecast sponsored in response to data request by Staff?
9:12:21 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Here for all of testimony yesterday?
9:12:29 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Heard all of testimony yesterday?
9:12:35 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Purpose of testimony supporting need for project and efforts undertaken to fulfill needs, presented info on LTLF and how it supported new generation, also paradigm shift in capacity accreditation in PJM market?
9:13:03 AM	Camera Lock Applicant Activated	
9:13:13 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Difference between that ELCC assigned to all capacity resources and based on type of resource?
9:13:16 AM	Camera Lock Deactivated	
9:13:26 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	ELCC for gas CTs, ELCC for natural gas combined cycles, another for fixed-tilt solar?
9:13:36 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	No ELCC for RICE units at this point?
9:13:40 AM	Atty Gary Joint Intervenor - witness Tucker Note: Sacre, Candace	Presume because not a large number RICE units in PJM market?

9:13:48 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Think when projecting ELCCs for RICE unit applied something similar what applied for CTs?
9:14:00 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	What was ELCC number?
9:14:15 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Also testified to resources that EKPC currently has available?
9:14:24 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	But got currently couple of coal units or couple of coal stations with multiple units in each?
9:14:36 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Two stations with CTs?
9:14:43 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Landfill to gas, mentioned eight-and-a-half megawatts of solar currently, did not include recently approved solar?
9:14:55 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Recently had approved solar project in Fayette and Marion counties by Commission?
9:15:01 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	How many megawatts that one?
9:15:10 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Hydro purchases, excluding solar had 3727 MW resources available?
9:15:27 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Subject to check?
9:15:33 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Load forecast in JJT-2, attachment to original testimony, several columns in that, talk about unredacted columns there, what in testimony, winter demand, December to February?
9:17:17 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	First row, actual peak winter demand on EKPC system?
9:17:26 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Varies from low of 2481 in 2011-2012 winter, lowest see?
9:17:40 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Peak is '23-'24, 3754?
9:17:49 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Last two years, peaks during Elliott and Gerri?
9:18:01 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Elliott occurred unprecedented event, weather normalized was in line with forecasts and expectations?
9:18:17 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	But unprecedented event at the time?
9:18:24 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Know winter peak outside of events in each of those years?
9:18:45 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Aside from those, next highest load event, not aware?
9:19:04 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	During events, EKPC not experience service interruptions, not shed load?
9:19:16 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Know how long peak in each of those years sustained?
9:19:56 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Keep those hourly loads recorded?
9:20:00 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	If requested could produce those?

9:20:10 AM Atty Gary Joint Intervenor
Note: Sacre, Candace Post-hearing data requests.

9:20:36 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Part of position is PJM market operations?

9:20:59 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Pull something up, recognize this document?

9:21:02 AM Wireless Presentation Activated

9:21:12 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Reviewed as part of job?

9:21:18 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Describe what this appears to be?

9:21:32 AM Atty Gary Joint Intervenor
Note: Sacre, Candace Mark JI Exhibit 2, not in record.

9:21:33 AM JOINT INTERVENORS HEARING EXHIBIT 2
Note: Sacre, Candace ATTY GARY JOINT INTERVENORS - WITNESS TUCKER
Note: Sacre, Candace 2025 PJM LONG-TERM LOAD FORECAST REPORT

9:21:48 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Is not, to your knowledge, something you produced?

9:21:54 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Marking as JI Exhibit 2, PJM Long-Term Load Forecast, recognize it because reviewed as part of job?

9:22:03 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace So far as can tell copy of what reviewed?

9:22:15 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Page 7, map of PJM RTO, right?

9:22:36 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Map of the RTO?

9:22:38 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Different colored blocks different utilities part of PJM RTO?

9:22:53 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Have to be precise with our words, different load zones within PJM market?

9:23:10 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace EKPC is yellow block?

9:23:15 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace KP (AEP) Kentucky Power, part of AEP load zone?

9:23:25 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace That's where distinction becomes important?

9:23:35 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace North of EKPC appears say DEOK KY and DEOK OH, that is Duke Energy Ohio/Kentucky and are Kentucky and Ohio portions of that, together form DEOK zone?

9:23:53 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Each of those make up part of the market in Kentucky, load forecast for each zone?

9:24:14 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Flipping ahead to page 33, recognize this page?

9:24:21 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Load forecast for EKPC from PJM, for the EKPC zone?

9:24:34 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Looking at forecast, wind peak orange line, WN peak?

9:24:46 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Forecast 2024 is blue line and Forecast 2025 is green line extends all way to end?

9:24:59 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Appears winter peak on bottom graph for EKPC from PJM starts at 2800 MWs or so?
9:25:19 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Extends out to 1000 MW, appear right?
9:25:34 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Honaker asked about Horn Response, JI Third Set, Request 38, should have been marked as you, your testimony?
9:25:55 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Response was to request explain difference this load forecast and load forecast you produced which appears be higher?
9:26:17 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Reference report, reading, right?
9:26:42 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	First part of it, KU and LG&E not part of PJM?
9:26:51 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	AEP and Duke have own load zones?
9:26:57 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Goes on to say, reading, PJM load forecast differs in that does not account for load served by other systems and does include load that you serve with your system that are part of other zones?
9:27:31 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Does include their load on your transmission system?
9:27:58 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Try and work through it, work through it bit more and come back to the exhibit?
9:28:40 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	And EKPC load part of that system?
9:29:52 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	If have an exhibit, go ahead and get through that?
9:30:32 AM	Camera Lock Commissioner Activated	
9:30:50 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Not proportionate, not to scale?
9:32:01 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Load obligation includes load for Duke and for AEP?
9:32:02 AM	Camera Lock Deactivated	
9:32:11 AM	Camera Lock Commissioner Activated	
9:32:18 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Those two transmission systems connected to capacity from other utilities as well, substation connected to Duke also be connected to East Bend?
9:32:29 AM	Camera Lock Deactivated	
9:32:44 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Have an obligation to serve that part of system even though serves Duke customers?
9:32:57 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Which includes Duke customers, LG&E customers, KU customers, and Kentucky Power customers?
9:33:33 AM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Examination. Each of other four circles have green in them means serving some of EKPC?
9:33:39 AM	Commissioner Regan - witness Tucker	
	Note: Sacre, Candace	Examination. Contractual obligation?

9:34:06 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Cross Examination (cont'd). Obligation as load serving entity based on unforced capacity obligation, that unforced capacity obligation is what talking about?
9:34:16 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	That be green circle?
9:34:26 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Track by year, know what unforced capacity obligation coming up, say, '26-'27 is at this point?
9:34:44 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Track for past years?
9:34:48 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	If ask what were, assuming not know numbers off top of head?
9:35:10 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	What have to meet for PJM based on summer peak?
9:35:25 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Aside from forecasts in JTT-2, forecast what that unforced capacity obligation going to be going out for next several years?
9:36:13 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	To be clear, this is just what is in JTT-3?
9:36:19 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Just a portion of that?
9:36:26 AM	Camera Lock Commissioner Activated	
9:37:08 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Seven percent reserve put on top of winter capacity forecast as well?
9:38:55 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Just to be clear, existing capacity for summer appears be significantly lower than capacity for winter and because ELCC applied?
9:39:05 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	In addition to ELCC, do apply seven percent reserve margin to load obligation, capacity required based on summer peak plus the seven percent minus existing capacity reduced by ELCC, and that is how come up with next column, deficit before capacity additions?
9:39:31 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	And that's how that's come up with?
9:40:03 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Track what portion of that serving other substations, smaller circles, track that separately?
9:40:25 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Track big circles and little circles?
9:40:39 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Not track what portion?
9:40:53 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	What portion of big green circle made up of little green circles?
9:41:19 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Clarify for me, is that portion of EKPC customers served on LG&E/KU system or portion of their customers served by your transmission system?
9:41:35 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Roughly 700 MW your customers served by their system?
9:41:42 AM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Examination. And then get bill for that transmission?
9:42:02 AM	Camera Lock Deactivated	

9:42:12 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Part of purpose of load forecasting make sure enough capacity in worst case scenario serve everybody that needs be served?
9:42:23 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Different methods to figure out what worst case be?
9:42:24 AM	Wireless Presentation Deactivated	
9:42:33 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Did that by deciding add reserve margin of seven percent to load forecast?
9:42:47 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Meant to account for higher demand of unprecedented winter events?
9:42:57 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Unprecedented was your word from testimony?
9:43:13 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Referring to response to Joint Intervenor First Set, No. 10, requested provide documentation and work papers how seven percent developed?
9:43:53 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Describe there PJM methodology intended ensure loss of load no greater one day in every ten years?
9:44:25 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	When asked about seven percent, referred to Staff 1-3, LOLE of one in ten?
9:44:35 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	One in ten shorthand for one day every ten years?
9:44:41 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Ensuring no loss of load more frequently than one day every ten years is what is shorthand for?
9:44:52 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Stated EKPC quantified reserve margin by analyzing one in ten probability extreme weather events, reading, right?
9:45:21 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Refer to Joint Intervenor Third Set Data Requests No. 4, asked for work papers or analysis and referred back to Staff 1-3?
9:46:01 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Not conduct modeling or work papers to support one in ten prediction, just based on narrative description?
9:46:13 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	No capacity expansion modeling or resource optimization or any sort of modeling to support that LOLE of one in ten, based on forecasting extreme weather event and that's it, sounds like?
9:46:48 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Turning back to JJT-2, shifting gears slightly, left seven columns deal with winter capacity peak?
9:47:30 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Next refer to summer capacity obligations?
9:47:46 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Last five columns deal with energy forecasts?
9:48:00 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	First sets are capacity and those deal with peak?
9:48:18 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Other portion is overall energy needed all through course of 365 years, total megawatts every given hour summed up over course of year?

9:48:44 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Actual energy needs for that year?

9:49:01 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Next column, 2020 load forecast used in last IRP?

9:49:09 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Marked 2020 LF IRP, conducted in 2020, at time of 2022 IRP most recent load forecast?

9:49:22 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Next one, 2022 load forecast, and last one is 2024 load forecast?

9:49:31 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace 2024 load forecast relied on for this CPCN?

9:49:44 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace In 2010, energy requirements for EKPC were 13,376,292 MWh?

9:49:57 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Skipping ahead to first year forecast listed, 2021 actual energy needs, then load forecast from 2020 last IRP forecasted 13,500,000 roughly?

9:50:28 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Actual in 2021 slightly lower than first year in 2010, same amount roughly, not change a lot between 2010 and 2021?

9:50:57 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Load forecast was 13,500,00, 2022 actual was highest, close to highest actual ever?

9:50:59 AM Video Conference Deactivated

9:51:30 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Since 2010, forecast was 14,420,000, even higher than that?

9:52:04 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace 2022 forecast slightly lower than forecast in 2020, still higher than what needed to produce?

9:52:29 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace In 2023, relying on previous IRP, needed to produce 15,000,000 roughly MWh, sound right?

9:52:40 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Actuals stayed about the same at 13-and-a-half million or so?

9:53:02 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Looking ahead at 2024, first year for 2024 load forecast, and 2020 IRP forecast been 15,300,000, been jump of about two million from 2023 actual?

9:53:31 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace 2022 load forecast almost 16,000,000, two-and-a-half million over previous year's total of 13-and-a-half million?

9:53:50 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace 2024 load forecast revises down some to 14.6 MWh?

9:54:05 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace By 2028, looks like 2024 load forecast back ahead of other two, by 2028 overforecasting those only 40,000 but grows from there?

9:54:40 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Talk about development of load forecasts, in each of those, energy needs increased by one million first year forecasts compared to actuals?

9:55:07 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace For each of those, jumped up another million following year?

9:55:20 AM Atty Gary Joint Intervenor - witness Tucker
Note: Sacre, Candace Short-term forecast for next couple of years, same thing happens in 2024?

9:55:53 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Turning to load forecast that counsel handed out, turn to page 16, not deal with confidential, last paragraph, reading, is that what that says?
9:57:02 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Short term, mostly inputs from owners/members about large accounts?
9:57:14 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Individual owner/member sales productions based on knowledge of key accounts not in this portion?
9:57:28 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	EKPC did share member forecasts in response to Staff 1-1?
9:57:42 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Not have those with you?
9:58:10 AM	Wireless Presentation Activated	
9:58:56 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Looking at public version, nonconfidential entirely, looking at cover of each, Jackson Energy, developed each of these for individuals owner/members?
9:59:23 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Labeled, reading, and date Aug 2024?
9:59:42 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Each of those says Aug 2024, subject to check?
9:59:51 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Looking at load forecast here Dec 2024?
10:00:01 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Application filed in Sept 2024?
10:00:10 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Rationale was 2024 load forecast?
10:00:31 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Board approved project in Jun 2024?
10:01:02 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Project submitted PJM interconnection queue Aug 29 2024, sound right?
10:01:02 AM	Wireless Presentation Deactivated	
10:01:35 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Evaluating options for projected need, EKPC compared RICE to CT?
10:01:50 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Showed, reading, what said?
10:02:09 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	EKPC not conduct capacity expansion modeling?
10:02:16 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Or resource optimization modeling?
10:02:22 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Not calculate present value revenue?
10:02:31 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Capacity optimization?
10:02:55 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Not calculate present value revenue requirements of specific project?
10:03:04 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Excluded certain types of resources in comparison RICE to CT, not consider battery?

10:03:24 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Not consider pairing batteries with solar?
10:03:39 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Part of rationale for RICE over combustion turbine was quick ramp rate?
10:03:53 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Batteries have even more quick ramp rate, within seconds?
10:04:08 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Reading, right?
10:04:24 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	EKPC evaluate battery energy storage systems in US in existence right now?
10:04:47 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	About 25 Wartsila RICE systems in US right now?
10:04:56 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Any idea how many battery systems on grid right now?
10:05:10 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Conducted limited request for proposals for RICE unit, not put out all-source request for proposals?
10:05:20 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	In response to JI 1-1, due to bad experience with past RFPs for renewable resources?
10:05:31 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	RFPs, could self-bid into an RFP?
10:05:40 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Without conducting an all-source RFP, not really way of knowing what other resources could have been bid into it, based on estimates?
10:06:17 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	In testimony mention increasing penetration of solar on EKPC system as part of reason?
10:06:28 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Mentioned specifically California experience with penetration of solar?
10:06:40 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Also mentioned penetration of solar in Kentucky generally, said don't tract solar penetration in response to request about that?
10:06:59 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Turn to JI 1-3, Part B, reading, that was question?
10:07:25 AM	Camera Lock Applicant Activated	
10:07:40 AM	Camera Lock Deactivated	
10:07:47 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Response Part B starts, reading, right?
10:07:56 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	JI 1-3, Part B, reading?
10:08:28 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Reading, nine megawatts total, 136 MW just approved?
10:08:48 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	No knowledge of solar penetration in California?
10:08:56 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Elsewhere say solar not as helpful here as sunny California?
10:09:12 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Have more than 145 MW?

10:09:23 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	One more question, plan to run RICE entirely on natural gas?
10:09:39 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	In response to JI 1-21, response states, reading, first full year 2029 and onwards, 1.3 million MWh?
10:10:31 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Total nameplate capacity 214 MW?
10:10:42 AM	Atty Gary Joint Intervenor - witness Tucker	
	Note: Sacre, Candace	Roughly 6,316 hours per year which matches up with 6,000 hours stated a few times?
10:11:09 AM	Chair Hatton	
	Note: Sacre, Candace	Sierra Club?
10:11:26 AM	Chair Hatton	
	Note: Sacre, Candace	15-minute break.
10:11:36 AM	Session Paused	
10:42:31 AM	Session Resumed	
10:42:34 AM	Chair Hatton	
	Note: Sacre, Candace	Back on the record.
10:42:40 AM	Chair Hatton	
	Note: Sacre, Candace	Sierra Club, ready for your cross?
10:42:42 AM	Video Conference Activated	
10:42:56 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Cross Examination. Spoke to Gary about long-term load forecast?
10:42:58 AM	Camera Lock Intervener Activated	
10:43:05 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Long-term load forecast projects out to 2039?
10:43:11 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Also prepared capacity expansion plan?
10:43:18 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Part of plan what see just to your right?
10:43:19 AM	Camera Lock Deactivated	
10:43:33 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Portion of rest of docket, provided as Exhibit JJT-3, pull that up, large green section capacity additions?
10:43:52 AM	Wireless Presentation Activated	
10:44:04 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Appears capacity additions are 214 MW RICE facility, 745 MW gas, roughly 300 MW limited duration hydro PPAs, and solar additions?
10:44:24 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Accurate summary?
10:44:32 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	EKPC seeking different CPCN for combined cycle gas plant?
10:44:41 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Testimony already received CPCNs for two solar projects?
10:44:49 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	CPCN applications been filed for other solar additions that are part of New ERA application?
10:45:01 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Get filed later?
10:45:03 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Know if and when be filed?
10:45:08 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Some question what happens with New ERA funding with federal administration?

10:45:16 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Know status of New ERA funding generally?
10:45:36 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Economic analysis done in this case, EKPC compared cost of RICE to combustion turbine units?
10:45:57 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Produced in response to JI 3-5 on Feb 6 2025?
10:46:10 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Combustion turbines only alternative considered to RICE units for this analysis?
10:46:22 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	In addition, EKPC did what called production cost modeling using RT Sim?
10:46:37 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Produced as supplement to SC 1-16 on Feb 14?
10:47:02 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Response 1-16 and date Feb 14 first supplemental response to 1-16?
10:47:23 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	If look on page 5 of response, middle of that page, supplemental response?
10:47:54 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Text response indicates Excel files pulled up under seal?
10:48:07 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Those are inputs into something called production cost model?
10:48:17 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Describe what is production cost model?
10:50:03 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Response to Sierra Club 1-16 in front of you?
10:50:08 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Last two pages, pages 6 and 7, March 14 2025 supplemental response?
10:50:20 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Bottom of six on to seven, discuss model, how dispatched RICE units against market forward prices, in 1B explain summary about what modeling is, and 1C provides Excel spreadsheet?
10:50:48 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Those were March 14 2025, just last week?
10:50:55 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Testified to Gary not any other optimization modeling done?
10:51:04 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	No other capacity expansion modeling or market valuation modeling?
10:51:27 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Economic comparison spoke about earlier between RICE facility and CT units?
10:51:50 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Also testified EKPC not develop net present value revenue requirements?
10:52:58 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	For both of those, right person?
10:53:16 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Economics and revenue comparison comparing RICE units to CTs?

10:53:29 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Response to JI 3-5, spreadsheet to determine whether RICE units or combustion units result in more revenue?
10:53:55 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Bring up spreadsheet produced in response to JI 3-5, spreadsheet produced JI 3-5?
10:54:40 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	One of inputs heat rate?
10:54:48 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Explain what heat rate means?
10:55:13 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	For RICE units, row 3, column b, heat rate in 2029?
10:55:24 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Heat rate indicated as 8,109 BTUs per kWh?
10:55:40 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	JI 3-29, see response?
10:56:17 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Read first sentence?
10:56:40 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	In Johnson response, indicated estimated net heat rate updated?
10:56:51 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	What updated to?
10:57:18 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Heat rate of 8,423 BTU higher than 8,109 BTU used in economic analysis shown in model?
10:58:07 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	That changed in general lower heat rate better, less fuel needed, higher efficiency lower cost?
10:58:40 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	EKPC update economic analysis how change in heat rate change economics of RICE units compare to CT units?
10:59:39 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	But not updated, not changed?
10:59:55 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Have spreadsheet from JI 3-5?
11:00:04 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Another factor goes into revenue analysis called capacity factor?
11:00:14 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Tell us what meant by capacity factor?
11:01:00 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Said was Row 4-B for 2019 for RICE units?
11:01:35 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Look at Row 20, capacity factor for CTs?
11:01:45 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Tell us what that number means?
11:02:06 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Not exact but something about half as much as what RICE units expected to run?
11:02:20 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Believe stated in response to Sierra Club data request 3-2-C CT units run 2,659 hours per year?
11:03:17 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	I am sorry, I meant 2-2, I did have it labeled as 3-2?

11:03:26 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	RICE units expected to run little over 6,000 hours per year, 6,426 hours per year?
11:03:28 AM	Video Conference Deactivated	
11:03:52 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Pull up response to Staff 2-4?
11:04:32 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	First sentence indicates EKPC modeling indicates RICE units run on average 6,426 hours per year 2030 to 2039, represents 73.3 average annual capacity factor?
11:04:58 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Subject to check, difference in hours RICE units run versus hours CT units run calculation 6,426 minus hours CT units run, roughly 3700 hours?
11:05:30 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Production cost modeling using RT Sim how came up with capacity factor for RICE units?
11:06:00 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Input and output files for RT Sim provided in response to Sierra Club 1-16 in supplement dated Feb 14?
11:06:23 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Explain what input files are and why be confidential?
11:06:40 AM	Atty Honaker EKPC Note: Sacre, Candace	Need to go into confidential session.
11:06:53 AM	Private Mode Activated	
11:06:53 AM	Private Recording Activated	
11:10:27 AM	Normal Mode Activated	
11:10:27 AM	Public Recording Activated	
11:10:28 AM	Chair Hatton Note: Sacre, Candace	Back on public.
11:10:34 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Cross Examination (cont'd). EKPC second supplemental response, EKPC in response produced additional discovery responses, March 14 2025, Sierra Club 1-16?
11:10:57 AM	Wireless Presentation Deactivated	
11:11:40 AM	Wireless Presentation Activated	
11:11:47 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	In response to request for hourly locational marginal pricing, EKPC produced a spreadsheet?
11:12:04 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Spreadsheet was locational marginal pricing for every hour of every day between now and 2039?
11:12:18 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Is that an input to RT Sim model, or was it an output of model?
11:12:34 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	In same supplemental response to 1-16, EKPC stated, reading?
11:13:02 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Summary of how hourly data EKPC produced in Mar 14, how created?
11:13:14 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Explain if ACES and input files related to one another?
11:13:54 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Compare these locational marginal prices against historic load shapes?

11:14:13 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	ACES did that?
11:14:22 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Did EKPC test reasonableness of these locational marginal prices?
11:14:57 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Only test reasonableness of assumptions if appeared to be off?
11:15:11 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Discuss capacity factor, 73 percent for RICE unit?
11:15:27 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Referenced EIA, Energy Information Administration?
11:15:34 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Familiar with them?
11:15:39 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Part of Dept of Energy?
11:15:51 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Part of what they do is repare statistics on power generation, fuel deliveries, that kind of thing?
11:15:57 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Familiar with how operates and what do?
11:16:02 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Been to EIA website?
11:16:08 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Looked at EIA data on fuel deliveries to power plants?
11:16:28 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Aware put out statistical data about power plants?
11:16:38 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Rely on data in analysis?
11:16:46 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Sierra Club Response 3-12, subsection F, sorry it's 3-2, provide information identifies RICE unit in North America have operated at a capacity factor of more than 65 percent at least one year, see that question?
11:17:31 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Response to F, says, reading?
11:17:47 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Think could compile information from data available from EIA?
11:18:02 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Aware EIA keeps data on RICE units?
11:18:17 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Bring up exhibit, EIA data on RICE units have generated capacity above 50 megawatts for 2023?
11:18:57 AM	Atty Honaker EKPC	
	Note: Sacre, Candace	One of objections yesterday.
11:19:33 AM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Examination. Able to say whether true and correct?
11:20:11 AM	Atty Honaker EKPC	
	Note: Sacre, Candace	Can we take a break?
11:20:30 AM	Session Paused	
11:21:53 AM	Chair Hatton	
	Note: Sacre, Candace	Counsel?
11:21:53 AM	Session Resumed	
11:21:58 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Cross Examination (cont'd). Does EKPC report data to EIA?

11:22:06 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Look at first tab of spreadsheet, says, reading, see that?
11:22:20 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	List of RICE plants in US net generation and capacity factor over 50 MWh, look at Column I?
11:22:46 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Plants sorted from highest to lowest, look like what doing?
11:22:57 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Only one plant capacity factor higher than 59 percent?
11:23:12 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Pioneer Generating Station in North Dakota?
11:23:21 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Capacity factor for that plant 105 percent?
11:23:30 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	That seems impossible to me, cannot have above 100 percent?
11:23:41 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Could it also be data entry error?
11:23:48 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Plant with next highest capacity factor?
11:23:53 AM	Atty Honaker EKPC	
	Note: Sacre, Candace	Renew my objection.
11:24:13 AM	Commissioner Stacy	
	Note: Sacre, Candace	Ask counsel a question.
11:24:52 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Cross Examination (cont'd). In response to data request, EKPC provide all RICE units in US and sort by capacity factor?
11:25:28 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Provide data available from EIA?
11:25:32 AM	Atty Honaker EKPC	
	Note: Sacre, Candace	Object.
11:25:58 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	If look at spreadsheet, point is to compare economics RICE and CT?
11:26:13 AM	Chair Hatton	
	Note: Sacre, Candace	Can make post-hearing data request.
11:26:30 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Cross Examination (cont'd). Talk about capacity factor and how impacts economic analysis, turn back to spreadsheet to JI 3-5, provided Feb 6 2025?
11:27:12 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	After deadline for intervenors submit testimony Jan 20?
11:27:28 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Subsection A of response spreadsheet provided?
11:27:59 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Point of spreadsheet is compare economics of RICE unit and CT units?
11:28:10 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Lines 15B, cost for RICE units, says .08, comparison there between that number and row 31, column B, same net revenue figure but for CT units?
11:29:19 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	For line 31-B same figure but for CTs?
11:29:25 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Point eight?

11:29:28 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Tells us CT units more cost effective, have lower rate impact than RICE units?
11:29:42 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Restate what just said?
11:30:15 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Staff Request 1-6, asked for resource selection and optimization analyses, accurate?
11:30:53 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	In response, not produce Excel spreadsheet provided at JI 3-5?
11:31:02 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Sierra Club Request 1-3, asked provide supporting work papers and modeling files?
11:31:42 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	In response, EKPC did not include spreadsheet?
11:31:53 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Instead referred to Staff 1-6?
11:32:03 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	AG Request 1-1, asked for copies of all work papers supporting calculations in this proceeding?
11:32:42 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	In response, EKPC provide spreadsheet at JI 3-5?
11:33:19 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Pull up 3-5 spreadsheet, capacity factor one of inputs into analysis. at Row 4 for RICE units and Row 20 for CT units?
11:33:47 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Indicates in Row 4 RICE units capacity factor .7374?
11:34:01 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	How economic analysis change if used lower capacity factor?
11:34:32 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	How economic analysis change if lower capacity factor used?
11:34:47 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	How change, economics improve or worse for RICE units?
11:34:54 AM	Atty Honaker EKPC Note: Sacre, Candace	Object.
11:34:58 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Wondering if know what direction analysis go in?
11:35:04 AM	Chair Hatton Note: Sacre, Candace	If you know.
11:35:13 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	Use this model to adjust capacity factor how change if used different capacity factor?
11:35:50 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	If used model in conjunction with RT Sim, be able tell us what economic results be if capacity factor RICE units lowered by half?
11:36:07 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	If asked post-hearing, could produce that?
11:36:16 AM	Atty Honaker EKPC Note: Sacre, Candace	Can answer in post-hearing data request but would object.
11:36:46 AM	Atty Shoaff Sierra Club - witness Tucker Note: Sacre, Candace	How hard be to do analysis?
11:37:05 AM	Atty Honaker EKPC Note: Sacre, Candace	Already said doesn't know.

11:37:09 AM	Chair Hatton	
	Note: Sacre, Candace	Take a break for 10 minutes.
11:37:31 AM	Session Paused	
11:46:31 AM	Session Resumed	
11:46:34 AM	Session Paused	
11:47:13 AM	Session Resumed	
11:47:15 AM	Chair Hatton	
	Note: Sacre, Candace	You may begin, counsel.
11:47:21 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Cross Examination (cont'd). Supplemental response provided on Mar 14, just last week, see response to 1-B, final page?
11:48:27 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	That second sentence, read for us?
11:48:42 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Does that mean if variable energy cost equal to or less than locational margin price model assumes RICE units dispatched at 100 percent?
11:49:06 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Model dispatches unit at 100 percent?
11:49:15 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Thought what meant, seems main benefit of RICE units ability ramp up quickly, running at 100 percent cannot ramp up, help me understand that?
11:49:57 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Model showing producing at 100 percent?
11:50:10 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Would a different model able show ramping up and down with more granularity?
11:50:59 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	In this model, if dispatched 100 percent, cannot ramp up?
11:51:16 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Model shows unit not dispatching at all would be zero percent, not ramp down from there?
11:52:00 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Talk about different part of response, look at Mar 14, see response?
11:52:26 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	At end, read final sentence there?
11:52:44 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Mean when units operating at lower output have higher heat rate than average?
11:52:52 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	When unit ramping up, higher heat rate than average?
11:53:12 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Full output is best heat rate?
11:53:20 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Dispatch RICE under 100 percent have heat rate higher than average?
11:53:42 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Average is 73 percent heat rate for RICE units?
11:53:51 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Just said that average, what's the average?
11:54:04 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Show average heat rate?

11:54:10 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Somewhere else in record?
11:54:43 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Ask couple of questions about energy forwards used in spreadsheet JI 3-5, pull up?
11:55:06 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	This lists energy forward used for 2029 for RICE units, \$52.19 per MWh?
11:55:31 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Row 22, see same thing but for CT, same?
11:55:50 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Under analysis laid out, RICE dispatched at twice the amount of CT units?
11:56:04 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Imply RICE dispatched at lower locational marginal price than CT units?
11:56:36 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Turn attention to response to Sierra Club 3-2, subsection G, asked about frequency of routine maintenance, read final sentence of response?
11:57:46 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Operation and maintenance expenses production cost modeling based on 60 percent capacity factor?
11:58:17 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Costs higher if plant operated at higher capacity value?
11:58:46 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	If expenses higher, variable cost production higher?
11:59:02 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Higher cost of production would create lower dollars per megawatt hour, reduce dispatch of unit?
11:59:42 AM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	But revenue side for production cost modeling on RICE units based on 73 percent capacity factor?
12:00:03 PM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Electric vehicles, long-term load forecast, testimony in front of you?
12:00:24 PM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Turn to page 8, lines 9-11?
12:00:47 PM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Read first sentence?
12:01:08 PM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	EV penetration major driver of load, surprise you or no?
12:01:25 PM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Happen to know what penetration is for EKPC territory?
12:01:43 PM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Two strategies to reduce load from EVs charge residential, EKPC have time of use rate or managed charging program?
12:02:33 PM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Not know how effective are?
12:02:44 PM	Atty Shoaff Sierra Club - witness Tucker	
	Note: Sacre, Candace	Generally speaking, time of use rates and managed charging effective moving residential charging to off-peak times?
12:03:10 PM	Chair Hatton	
	Note: Sacre, Candace	Lunch until 1 pm.
12:03:18 PM	Session Paused	
1:08:01 PM	Session Resumed	

1:08:08 PM	Chair Hatton	
	Note: Sacre, Candace	Still under oath. Back on the record. Staff?
1:08:41 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Cross Examination. Shoaff asked about responses to requests for information filed prior to deadline for intervenor testimony?
1:09:02 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Referring to production cost modeling, coal fired units limited in capacity factors or output under greenhouse gas rules?
1:09:33 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Any way to upgrade transmission system in such a way contract for capacity and import energy satisfy capacity and energy needs to support energy needs so not need RICE units?
1:10:49 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Refer to response in Staff Third, Attachment 3-2 B, Excel spreadsheet, describe what included in charges listed?
1:12:17 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	In fuel and market forwards?
1:12:56 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Amount provided in dollars per unit, clarify what unit of measurement used for natural gas pricing, MMBtu?
1:13:58 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	RICE units require minimum natural gas pressure?
1:14:08 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Know what necessary or preferred heat value to be supplied for units would be?
1:14:29 PM	Staff Atty Lawson PSC	
	Note: Sacre, Candace	Put that in a post-hearing data request.
1:14:30 PM	POST-HEARING DATA REQUEST	
	Note: Sacre, Candace	STAFF ATTY LAWSON PSC - WITNESS TUCKER
	Note: Sacre, Candace	NECESSARY OR PREFERRED HEAT VALUE TO BE SUPPLIED FOR UNITS
1:14:37 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Post hearing able provide current contract or draft of special contract with Columbia for facility?
1:14:44 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Able provide draft in post-hearing data request?
1:14:45 PM	POST-HEARING DATA REQUEST	
	Note: Sacre, Candace	STAFF ATT LAWSON PSC - WITNESS TUCKER
	Note: Sacre, Candace	PROVIDE DRAFT PRECEDENT AGREEMENT
1:15:06 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Response to Staff DR 4, 4-2, Item 2, at bottom of page 2, discusses 300 MW TPA may be in jeopardy, provide update?
1:16:37 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Classify that as being a bidding war?
1:16:50 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Have any alternate proposal if not win bidding war?
1:17:24 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	What is status of special contract with company in Marion County?
1:17:49 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	We can follow up in post-hearing data request.
1:17:55 PM	POST-HEARING DATA REQUEST	
	Note: Sacre, Candace	STAFF ATTY LAWSON PSC - WITNESS TUCKER
	Note: Sacre, Candace	STATUS OF SPECIAL CONTRACT IN MARION COUNTY

1:18:03 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Revised version but also original JJT-3, several changes between the two, appears to be additional 30 MW capacity, also CCGT in capacity additions, timeline appears to be in advance, tell us what you did differently?
1:18:50 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Between original exhibit and revised one?
1:19:54 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Examination. Not a miscalculation or it was?
1:20:06 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Cross Examination. Was it a particular year when miscalculation occurred?
1:20:37 PM	Camera Lock Staff Activated	
1:20:49 PM	Camera Lock Commissioner Activated	
1:21:04 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Already in the record?
1:21:46 PM	Camera Lock Deactivated	
1:21:55 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Looking at the line right above total where see the 170, the 149, and 170 in winter rating, explain how compares to 300 hydro PPA in winter season and 9 in summer?
1:22:25 PM	Camera Lock Commissioner Activated	
1:22:39 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	ELCC ratings, would be difference there, would that relate at all?
1:23:05 PM	Camera Lock Witness Activated	
1:23:59 PM	Camera Lock Deactivated	
1:24:12 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	If expansion plan updated would that 9 go away?
1:24:31 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Look at JJT-3 and Response to Staff DR 1, Item 3, PJM requires EKPC have certain amount of generation capacity over and above peak flow?
1:25:00 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	State what PJM requirements are for EKPC installed reserve margin for '25-'26 year?
1:27:50 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Seven percent is your proportionate share?
1:28:25 PM	Camera Lock Witness Activated	
1:28:35 PM	Camera Lock Commissioner Activated	
1:29:35 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Examination. Summer of 2027?
1:29:40 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	All based on ELCC?
1:30:10 PM	Commissioner Regan - witness Tucker	
	Note: Sacre, Candace	Examination. Been running six percent?
1:30:43 PM	Commissioner Regan - witness Tucker	
	Note: Sacre, Candace	But adding seven percent buffer?
1:31:07 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Cross Examination (cont'd). Making sure understand, sticking with exhibit better estimate what output would be at the time of PJM peak period, is that correct?
1:31:08 PM	Camera Lock Staff Activated	
1:31:32 PM	Camera Lock Witness Activated	
1:31:35 PM	Camera Lock Commissioner Activated	

1:31:36 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Which would explain not use methodology in winter?
1:31:37 PM	Camera Lock Staff Activated	
1:31:44 PM	Camera Lock Deactivated	
1:31:45 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Explain why same logic not apply to winter peaking utility?
1:32:48 PM	Camera Lock Staff Activated	
1:32:57 PM	Camera Lock Commissioner Activated	
1:34:38 PM	Commissioner Stacy - witness Tucker	
	Note: Sacre, Candace	Examination. How go from 15 percent to seven percent?
1:37:38 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Cross Examination (cont'd). If PJM moving to ELCC accreditation, thought about how to address that?
1:37:43 PM	Camera Lock Staff Activated	
1:37:51 PM	Camera Lock Deactivated	
1:38:05 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Recall winter reserve margin used in 2022 IRP?
1:38:47 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	On page 3 of DR 1 Item 3, extreme event assumes 13-degree Fahrenheit, what is basis for assumption?
1:40:48 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Response to DR 1, Item 3?
1:41:13 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Refer to direct, pages 22-24, on page 23, provide cost comparison?
1:41:42 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	How do F class CTs compare to other H class CTs?
1:42:42 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	F Class CTs modeled in IRP in 2024-00370 case?
1:43:00 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	On page 24, lines 2-3, explain why CT run times limited due to air permits?
1:44:04 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Back to JJT-3, Mosier mentioned how RICE units exempt from greenhouse gas rules, current regulations affect planned NGCC on line in 2029?
1:45:14 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Be appropriate person to ask greenhouse gas related questions?
1:45:33 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	In response to AG Second DR, question 1, change in administration not affect proposals in any way, provide quantitative support or impact of EKPC goal?
1:45:34 PM	POST-HEARING DATA REQUEST	
	Note: Sacre, Candace	STAFF ATTY LAWSON PSC - WITNESS TUCKER
	Note: Sacre, Candace	PROVIDE QUANTITATIVE SUPPORT OR IMPACT OF EKPC GOAL
1:45:45 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Update on current status of ERAs?
1:48:12 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	In post-hearing data request, able provide documentation on loss of capability during that storm?
1:48:13 PM	POST-HEARING DATA REQUEST	
	Note: Sacre, Candace	STAFF ATTY LAWSON PSC - WITNESS TUCKER
	Note: Sacre, Candace	LOSS OF CAPABILITY DURING WINTER STORM ELLIOTT
1:48:44 PM	Chair Hatton	
	Note: Sacre, Candace	Commissioner Stacy?

1:48:47 PM	Chair Hatton	
	Note: Sacre, Candace	Commissioner Regan?
1:48:54 PM	Commissioner Regan - witness Tucker	
	Note: Sacre, Candace	Examination. Battery storage, just for storage?
1:49:02 PM	Commissioner Regan - witness Tucker	
	Note: Sacre, Candace	Aware of any battery tested for generation?
1:50:25 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Examination. In testimony, talked about DSM and EE included in next CPCN, why not include in this one?
1:50:40 PM	Camera Lock Witness Activated	
1:50:50 PM	Camera Lock Commissioner Activated	
1:50:51 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Evaluation was included?
1:51:02 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	How does EKPC decide that seven percent is right amount for planning reserve, explain how arrive at decision seven percent is right amount?
1:51:23 PM	Camera Lock Witness Activated	
1:51:42 PM	Camera Lock Deactivated	
1:51:56 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Cover the LOLE as well as storm like Elliott every two years?
1:52:01 PM	Camera Lock Commissioner Activated	
1:52:16 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	No retirement any type of generation be caused by Liberty project?
1:52:26 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Talked about how summer of 2027 based on new guidelines might be short as much as 200 megawatts, page 15 at bottom of testimony?
1:52:41 PM	Camera Lock Witness Activated	
1:52:56 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	This project 214 megawatts, not ready until end of 2028?
1:53:02 PM	Camera Lock Commissioner Activated	
1:53:09 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Best case scenario?
1:53:12 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	What do in the meantime, buy market?
1:53:20 PM	Camera Lock Witness Activated	
1:53:27 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Bilateral, like a PPA?
1:53:30 PM	Camera Lock Commissioner Activated	
1:53:36 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Page 15 thought be short in winter by 200 megawatts, how much be short for summer by 2027?
1:54:02 PM	Camera Lock Witness Activated	
1:54:07 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Much easier to replace?
1:54:13 PM	Camera Lock Commissioner Activated	
1:54:15 PM	Chair Hatton - witness Tucker	
	Note: Sacre, Candace	Beyond that, really cannot plan?
1:54:22 PM	Camera Lock Witness Activated	
1:54:26 PM	Camera Lock Commissioner Activated	
1:54:33 PM	Chair Hatton	
	Note: Sacre, Candace	Follow-ups?

1:54:38 PM	Commissioner Stacy - witness Tucker	
	Note: Sacre, Candace	Examination. Due to extreme weather, considered moving from seven percent reserve to higher reserve?
1:55:02 PM	Camera Lock Witness Activated	
1:55:15 PM	Camera Lock Commissioner Activated	
1:55:19 PM	Commissioner Stacy - witness Tucker	
	Note: Sacre, Candace	Wouldn't help situation anyway?
1:55:35 PM	Camera Lock Witness Activated	
1:55:39 PM	Commissioner Stacy - witness Tucker	
	Note: Sacre, Candace	Not being used?
1:55:42 PM	Camera Lock Commissioner Activated	
1:55:51 PM	Camera Lock Staff Activated	
1:55:52 PM	Staff Atty Lawson PSC - witness Tucker	
	Note: Sacre, Candace	Recross Examination. Intend to bring online as completed or plan to wait until all 12 units completed before bring online?
1:56:10 PM	Camera Lock Witness Activated	
1:56:27 PM	Camera Lock Staff Activated	
1:56:29 PM	Chair Hatton	
	Note: Sacre, Candace	Redirect?
1:56:35 PM	Atty Honaker EKPC - witness Tucker	
	Note: Sacre, Candace	Redirect Examination. Long-term load forecast and 2024 load forecast, be used for 2025 IRP be filed?
1:56:37 PM	Camera Lock Deactivated	
1:56:50 PM	Atty Honaker EKPC - witness Tucker	
	Note: Sacre, Candace	Explain how developed that long-term load forecast?
2:00:26 PM	Atty Honaker EKPC - witness Tucker	
	Note: Sacre, Candace	Talk about winter peak and what been, how winter peak impact need?
2:01:09 PM	Atty Honaker EKPC - witness Tucker	
	Note: Sacre, Candace	Why important to have mix of generation assets?
2:05:45 PM	Atty Honaker EKPC - witness Tucker	
	Note: Sacre, Candace	Explanation go towards why not want to do that and rely on market?
2:06:18 PM	Atty Honaker EKPC - witness Tucker	
	Note: Sacre, Candace	Talked about storms, Winter Storm Elliott, industrial customers not up and running, Christmastime?
2:06:34 PM	Atty Honaker EKPC - witness Tucker	
	Note: Sacre, Candace	All on line and running, would peak have been more?
2:06:47 PM	Atty Honaker EKPC - witness Tucker	
	Note: Sacre, Candace	Same thing happened with Winter Storm Enzo, one large customer not on during that time?
2:07:43 PM	Atty Honaker EKPC - witness Tucker	
	Note: Sacre, Candace	Batteries, those not generate, just store excess generation?
2:08:02 PM	Atty Honaker EKPC - witness Tucker	
	Note: Sacre, Candace	How many RICE units in US, said 25, understanding not 25 in US, just what contractor involved in?
2:08:30 PM	Atty Gary Joint Intervenor	
	Note: Sacre, Candace	One quick follow up.
2:08:39 PM	Atty Gary Joint Intervenor - witness Tackett	
	Note: Sacre, Candace	Recross Examination. Sent to RUS?
2:08:46 PM	Atty Gary Joint Intervenor - witness Tackett	
	Note: Sacre, Candace	Approved or ongoing?
2:09:07 PM	Atty Gary Joint Intervenor	
	Note: Sacre, Candace	Move to admit 2025 PJM load forecast document.

2:09:09 PM	JOINT INTERVENORS HEARING EXHIBIT 2 Note: Sacre, Candace Note: Sacre, Candace	ATTY GARY JOINT INTERVENORS - WITNESS TACKETT EAST KENTUCKY POWER COOPERATIVE 2025 - 2039 LOAD FORECAST DECEMBER 2024
2:09:56 PM	Camera Lock Staff Activated	
2:10:11 PM	Atty Baxter Sierra Club Note: Sacre, Candace	Letter.
2:10:15 PM	Camera Lock Deactivated	
2:10:33 PM	Chair Hatton Note: Sacre, Candace	Data Requests.
2:13:00 PM	Chair Hatton Note: Sacre, Candace	Briefs.
2:13:38 PM	Chair Hatton Note: Sacre, Candace	Anything further?
2:13:43 PM	Chair Hatton Note: Sacre, Candace	Hearing adjourned.
2:13:53 PM	Session Ended	

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