

EUGENE WATER & ELECTRIC BOARD
REGULAR SESSION
McKENZIE FIRE & RESCUE TRAINING CENTER
SEPTEMBER 17, 2013
5:30 P.M.

Commissioners Present: John Simpson, President; John Brown, Vice President; Dick Helgeson, James Manning, and Steve Mital

Others Present: Lena Kostopulos, Joe Harwood, Steve Newcomb, Karl Morgenstern, Roger Kline, Todd Simmons, Anne Kah, Dean Ahlsten, Sue Fahey, Cathy Bloom, Mel Damewood, Patty Boyle, Suzanne Atkins, Alan Fraser, Jeannine Parisi, Brad Taylor, Dave Churchman, Erin Erben, Mark Freeman, Mike McCann, Mark Zinniker, Steve Mangan, Chris Taylor, Bob Vigil, Julie Bivens, and Taryn Johnson of the EWEB staff; Vicki Maxon, recorder.

President Simpson convened the Regular Session of the Eugene Water & Electric Board (EWEB) at 5:35 p.m. He thanked the audience for attending and stated that upriver issues are very important to the Board, and that they appreciate upriver residents taking time out of their busy day to listen and provide testimony. He briefly explained the three different opportunities for public input in tonight's agenda, and added that the meeting is scheduled to adjourn at 9:00 p.m.

AGENDA CHECK

There were no items.

ITEMS FROM BOARD MEMBERS

President Simpson stated that he is always happy to attend the annual upriver meeting and that he regrets that the McKenzie River community doesn't have the opportunity to vote for EWEB's Board of Commissioners. He explained that each of the Commissioners represents two wards but that he is "odd man out" in an at-large position. He told the audience to consider him their Commissioner and, if they have questions or concerns, to feel free to contact him directly via the main EWEB phone number or through EWEB's website.

Vice President Brown thanked everyone for attending and said that this is his seventh year of upriver meetings, and that this is by far the most people that have ever attended than in the previous six years combined. He told the audience that the Commissioners want to hear from them and that they do listen to them, even though they can't vote for them. He noted that the single largest impact on the McKenzie River from beginning to end is power generation and customers' ability to drink its water, and he thanked the audience for being good stewards.

Vice President Brown then reminded staff of his earlier request to provide him with more detail about the six-year cycle of the Walterville shutdown and the Walterville pond.

Commissioner Helgeson commented that he is also happy to be upriver again, and that as he drove up to the meeting, he was reminded of how beautiful the McKenzie River valley is. He stated that he had attended the NWPPA quarterly meeting in Boise, Idaho for two days and that it was a good meeting which included orientation for new Board members such as himself. He noted that their annual budget was approved and that it doesn't portend any changes in EWEB's assessment for next year, and that he will share the legislative issues that were discussed with Joe Harwood, External Communications Coordinator and others if they are interested.

Commissioner Mital welcomed the audience and thanked them for hosting the meeting. He stated that he is one of two new Commissioners and that it is nice to have a full room and a fresh set of faces, and also nice to have a different crowd with different perspectives and opinions.

He noted that he had received an e-mail from south Eugene resident Brian Bender regarding installation of advanced metering infrastructure, and that Mr. Bender could not attend tonight's meeting nor the October 1 meeting. He added that he will pass along Mr. Bender's e-mail to the minute's recorder and request that the full next be included in the minutes along with the public testimony- general.

Commissioner Mital then publicly acknowledged Roger Kline, Fleet/Generation Manager, for two national awards that EWEB has received--one from the Coalition for Green Fleet Management, from which EWEB received the highest certification for companies with 200+ vehicles. He noted that EWEB is only the second fleet in the nation to achieve this award. The second award was from a different organization, which ranked EWEB 16th in the top 100 best fleets in North America.

He then stated that during last Saturday's University of Oregon football game, the water bottles that EWEB provides to the University of Oregon coaching staff were shown on national television. He thanked EWEB staff for providing EWEB water to the coaching staff.

Commissioner Manning welcomed the audience and thanked them for hosting the meeting. He said he views this as a special occasion, as it is the first chance he has had to meet EWEB's upriver customers. He told them that EWEB is concerned about the quality of their water, their consumption, and all other matters they are interested in. He reiterated that they do matter and that the Board does listen, and that how they feel about the quality of EWEB service does matter to them.

POTENTIAL MCKENZIE RIVER SERVICE TERRITORY TRANSFER

Roger Gray, General Manager, gave a brief summary of possible ideas that were discussed earlier in 2013 that could help with EWEB's financial situation; including the sale of assets and property, and that a service territory transfer was one idea that was discussed. He noted that it is not unprecedented for utilities to do service territory transfers, and that this would not be a hostile takeover, and that EWEB had approached Lane Electric Cooperative (LEC) with the idea and discussions were held, including doing the basic math to see if it would be feasible

from an economic and engineering standpoint. After the discussions revealed that service territory transfer was potentially viable, the next step was to check in with the community and its customers. He noted that there are three customer groups that would be affected—the transferred customers, the remaining EWEB customers, and the existing LEC customers. He stated that trying to find a win/win/win situation has not been easy, and that tonight's meeting is an important step in getting customer feedback.

He then introduced Dean Ahlsten, EWEB's National Energy Regulatory Commission (NERC) Compliance Officer. With the aid of overheads, Mr. Ahlsten presented the scope of a transfer, drivers/benefits of a transfer, a history of EWEB territory transfers, EWEB and LEC service area maps, residential rate comparisons between EWEB and LEC, electric transmission pathways, substation maps, the lease vs. sale of substation equipment, a description of that equipment, and a potential joint substation site.

Mr. Ahlsten then reviewed the next steps in the process:

- Continue negotiations with LEC
- Hold additional joint EWEB/LEC customer meetings to solicit input
- Work with Bonneville Power Administration (BPA) on power supply issues and metering
- Finalize financial models
- Bring recommendation before respective Boards in December

President Simpson pointed out that the average LEC electric rate is approximately 4.5% more in the summer and 2.5% more during the winter, but that very few customers consume that amount of electricity, and that the average household consumes closer to 5% less in winter and about 2.5% less in the summer. He added that the exact calculations can be shared with customers later and that they will also be posted on EWEB's website.

Commissioner Helgeson asked Mr. Ahlsten if LEC's power comes from the same source, and eventually also from BPA. Mr. Ahlsten stated that is correct, except for the potential joint substation site ½ mile from Leaburg on Holden Creek Lane.

General Manager Gray then asked for questions and comments from the audience. He introduced LEC staff present at tonight's meeting: Board President Jerri Nelson, Board Vice President Chris Seubert McKenzie District Commissioner Pat Dymock, General Manager Rick Crinklaw, and Manager of Staff and Office Services, Debbie Wilson.

General Manager Gray and/or Mr. Crinklaw then answered the following questions/comments from the audience. The answers to each question are listed below each question:

Q1) Regarding selling points—upriver residents don't have a vote. Why not go to the City Council and request an ordinance?

- EWEB has limitations regarding service territory and wards
- City of Eugene Charter defines wards and number of Commissioners. This could be changed but would have to be put to an entire City of Eugene vote. You are right; there is a pathway to do that. We can't actually do it, but we can propose it.

Mr. Rohter then replied that his experience with the legislature is that "if you want something, you'll get it." President Simpson then asked Mr. Rohter if he is in favor of remaining an EWEB customer. Mr. Rohter replied "I LOVE being an EWEB customer. Your mission should be to provide reliable electricity to 'all'."

Q2) What about Rodman Island and the power canal?

There are no generation-related assets involved in this transaction.

Q3) What's the most compelling reason for considering this? EWEB's financial position? Would now be a time to throw that data out?

Financials were a consideration. Remember, this is not a hostile takeover. We've done variety of transfers in the past. Service area optimizations are what drive it. We've agreed that if customers have a strong negative reaction, it doesn't make sense to do it.

Q4) What is the history of why EWEB services this area?

Service to this area is not tied to Carmen-Smith, but to Leaburg and Walterville. Electrification was the exception as opposed to the rule. The plants are driven by water supply and need to pump water, and the facilities became a benefit of rural electrification. Territories can be modified and/or transferred by mutual agreement. In summary, the history of why EWEB services this area is tied to the upriver hydroelectric facilities.

Q5) How does transfer of facilities get divvied out to someone else?

About half of our power comes from BPA.

Q6) We have transmission lines, solar, electric, etc., and a 15-year net metering contract with EWEB. What happens to that contract and what happens to net metering? And a second question, power distribution comes from power lines entirely on EWEB property, and at Walterville canal. Does LEC have the right to work on those lines that are on the canal and pond?

Mr. Ahlsten replied that there is a State requirement for net metering no matter who provides it.

Rick Crinklaw, LEC General Manager, replied that LEC has a net metering program that complies with State statute and their purchased and surplus power, and that they also pay a green power adder on top of that.

General Manager Gray replied that the distribution lines that serve customers would be transferred and EWEB would have to provide easements. Some of the Walterville pond distribution lines would remain and some would transfer to LEC.

A different customer asked if Federal Energy Regulatory Commission (FERC) rules allow others to do work inside the project. Mr. Kline replied that is something that EWEB and LEC would work through.

Q7) Regarding the tree trimming recently done from the end of Greenwood Drive to the dump(?) road, why aren't the limbs cut to the ground and then loppers used in the spring to finish the job? The flaggers on that stretch of road waste too much of the drivers' time and are not necessary.

The answer to this was deferred until a later public input session.

Q8) The operations facilities for Lane Electric and EWEB are within a couple of miles of each other. When I ask the reason for EWEB not wanting to continue to do service work up here, why am I told that it takes too long to come up here and it's not in your business model?

We have responded in the past and continue to. We would not expect a significant difference in response time, as we are just a few miles apart.

Q) My opinion is that you built this system and you know it well. When two different feeders are served, nobody does it better than EWEB. During an outage, I don't want to freeze any longer than I have to. LEC doesn't have the staff to cover this area like you do. I'm not for this and I don't mind telling you that.

Q9) I have lived in Vida for about four years, and LEC service is very good. My goal is to stay with a utility company that does not have smart meters.

Q10) How many customers are affected by this transfer if it goes through?

Approximately 3,000.

Q) Does LEC have the manpower to take care of that many?

Mr. Crinklaw: We assume that we will add personnel to meet the needs of the additional customers--adding additional crew and also another serviceman. The number of customers we serve with our existing crews and the above addition would be comparable to what we already have.

Q11) When we call to report an outage, will it still be automated or will the call go to a live body?

General Manager Gray: We won't know about a small outage unless you call. On weekdays you will reach the electric operations coordinators and on weekends you will reach a 24/7 dispatcher (in both instances live bodies). A large volume of calls for a major outage will roll over to an automated response line.

Mr. Crinklaw: Outage calls go to a dispatch service that we subscribe to that specifically serves electric co-ops. In the evening you will get a live body who will have immediate contact, including radio contact, with servicemen in the field. During a high-volume outage, an automated system similar to EWEB's will be used, or you will have the choice to remain on hold for a live body.

Q12) I'm in favor of the service territory transfer, and I love smart meters.

Q13) If we are currently served by EWEB, where does the electricity come from?

General Manager Gray: It comes from upriver down, or from where it will be generated and transferred from.

Mr. Crinklaw: All of our power comes from BPA, who we purchase from. The delivery system up the valley, especially further east, relies on EWEB's transmission system from Cougar Reservoir to our POD at Blue River. When Cougar isn't generating, the power from the east comes from BPA over EWEB's transmission lines. This would work much the same as it does today.

Q) Will there be an increase or decrease in the percentage of power we receive from BPA? I see them being more cut-throat on rates than a local "we love you" company.

General Manager Gray: We both buy from BPA. The contractual reality is that we both depend on BPA--LEC 100% and EWEB approximately 50%. Our other power supply is from hydro, cogeneration and wind farms. The transfer of power would be one of the trickiest parts of this transaction. Physically, in the short term, unless a substation is moved, there will not really be any changes.

Q14) I am leaning toward LEC. I would be interested to know what the financial consideration is and how LEC will finance that.

General Manager Gray: This goes back to the three groups of customers I mentioned earlier--we have to consider BPA issues, sales price, net metering, and many other issues, obtain easements, etc.

Mr. Crinklaw: Assuming that the financials warrant transaction, LEC will finance the acquisition, and part of that is what that does to our equity. Unlike other investments we make in

poles, wires and substations, this transaction would generate revenue; that's the difference. If this transaction goes through because of financial transactions, we have no desire to charge a different rate for the transferred customers, and they will be brought in to LEC and billed at the same rate our customers are (i.e., no surcharge).

Q) Is there an expectation that LEC rates will be affected in any way by this transaction?

Mr. Crinklaw: After we consider cost of acquisition and effects on power costs, expenses for additional personnel, etc., if at the end of that the number is positive and not costing us any more, then that is where we look at moving ahead. If the transfer is to be a cost to us and our members (transferred and existing), I don't see it happening. Our intent is to benefit all of our members and not contribute to higher costs. We want to reduce overall costs for all members.

Q15) I have been with EWEB for 23 years. I am concerned, and have talked on the phone with FERC and the Public Utility Commission (PUC), as I felt there should be something done to protect future rates from going up if this transfer takes place. I asked LEC what they have done to keep costs down, and they said solar, which is great, but expensive. Hydro is what we are used to and it has helped keep costs down. I am opposed to a change there. I agree we should have a voice.

General Manager Gray: We do a 10-year projection, presented in October of each year. Regardless of this transaction, one of the goals we have is no impact on those material increases. For future forecasts, power supply for LEC and EWEB is a dominant factor. BPA's rates are going up and that will affect both of us.

Q16) I also am a customer of Springfield Utility Board (SUB) with a small business in Springfield. SUB has done a lot of work to keep rates down. What have EWEB and LEC done?

General Manager Gray: SUB has the lowest rates by far in Lane County, Oregon, and the nation, for multiple reasons. The biggest reason is that EWEB has renewable power and SUB is 100% BPA power. SUB has the best of the EWEB and the best of the LEC world in terms of high-density power supply. Dams have become costly and Carmen-Smith may become more expensive with the possible relicensing, and wind is more expensive. EWEB has lost about 20% of its load in the last 15 years. SUB has been more stable. EWEB has more fixed costs. We have laid off 10% of our work force and have made other cuts. Power cost is the biggest driver, which also comes down to BPA.

Q) How can we keep those costs down for relicensing?

General Manager Gray: Carmen-Smith is in the process of possible relicensing, and also part of a 15-party settlement, and we have to come up with a different process. The fish screens at Trailbridge may be uneconomic. The possible Carmen-Smith relicensing and its issues will be on future Board agendas, and we will appreciate any support we can get.

Q16) As a co-op, why not offer an opt-out for smart meters?

Mr. Crinklaw: Our smart meter system has been in place for eight years. At this point, when you compare EWEB's proposed system to ours, ours is not a radiofrequency (RF) system. It relies on our own distribution system, and does not have the health issues and concerns that are common to EWEB's proposed system. All the information that comes through our power system is not cryptic, is protected and constantly monitored, and there are no security issues like RF. We chose not to offer opt-out as we did not have a demand for it. Those concerns do not exist with our system.

Q) My concern is what it will do to my bill. They will increase the rate for use of power in peak hours. I don't know anyone who will change their behavior for this. We will pay more for electricity with a smart meter.

Mr. Crinklaw: Our experience so far has not demonstrated that. Combining our smart meter system and making information available to our members is making a difference. For the 100% allocation of BPA we receive, we want to reduce the amount of power we have to buy beyond that BPA resource, and our first objective is energy efficiency and conservation. Right now our smart meter system is the most powerful tool we have.

Q) Then why not offer an opt-out?

Mr. Crinklaw: Some of our members are not interested in that cost, and if there is an opt out, the cost would be borne by the rest of our members.

Q) So that will eliminate jobs--isn't that why?

Mr. Crinklaw: It will not eliminate jobs. Our meter readers were contracted, and the contractor had a problem with retention of meter readers, as meter reading was not a career choice. It was just a step before their next job option, and turnover was a problem.

Q17) I have been an EWEB customer for 24 years and am very satisfied. The letter I received said my rates would go up 25%.

Mr. Harwood replied that the letter actually said that the LEC customer base would increase by 25% if the transfer were to go through, not your electric rates.

General Manager Gray added that, based on average consumption, EWEB will give her a specific calculation on her bill if she leaves her name with him.

Q18) Are we going to get to vote on this or are you going to decide?

General Manager Gray: We're not a member of a co-op. Our Board takes input from customers both upriver and in the city, and will consider all customer input as part of their deliberation. The customers of EWEB do not vote.

President Simpson added that the EWEB Board and the LEC Board would both have to say yes.

Commissioner Helgeson stated that even if the economics pencil out, if the majority of customers are opposed, he doubts he would vote to support a transfer, and LEC would not want to transfer unhappy customers.

Mr. Crinklaw added that there are three fundamental issues at play-- cost, power supply, and customer and member opinion—and that for LEC; it is “rocks or roses.” If the transfer brings roses, it sounds good, but if it’s rocks, things won’t go well for the transaction. He noted that LEC is going to have a series of five meetings with their members, one next week and four next month, and the possible service territory transfer will be the featured topic at all each meeting, which will give LEC a good read from their customers.

Q19) I am a happy LEC customer. I do derive value from my AMI meter. It allows me to manage fuel supply for my generator in an outage. Please confirm that LEC owns no power generation and as a result has no debt associated with power generation, and that neither do they have any of the regulatory issues that EWEB encounters with trying to manage its power generation.

Mr. Crinklaw: We have regulatory issues, but they are not about power supply. Right now 100% of our power needs come from BPA, but we’re right at the limit where they will provide it. We prepare an integrated resource plan from which we plan for future power supply around forecasts, with co-ops of similar size. For non-BPA power, we are committed to net metering projects, we made an indefinite commitment for BPA environmentally funded green energy, and we are participating in the King Estate solar project, one of the largest in the region, for a 15-year period. That is a contract; we don’t own the system. That’s how our resources are met beyond BPA. We have made no investments to generate for the future.

Q20) On Upper Camp Creek Road – will LEC do the same type of maintenance and keep it up?

General Manager Gray: Part of that is regulated by State law and part is not. After last year’s snow storm, a crew from Central Lincoln PUD cleaned up your area.

Q21) I have been impressed with your service for 20 yrs. I’ve only met linemen so far. You are a member of this community, too, and you have been for decades. You made some commitments when you came in. We were told we would get the benefit of your service. Now you’re proposing a transfer of equipment and customer base, and I suspect you’re looking to make some money. You have a large operations base, a capital budget, crews, lots of trucks, and we know you. So why do you want to divorce us? What happened that our little burg wasn’t good enough for you?

General Manager Gray: It's not that you weren't good enough, and it's not about money. The driver is if we can make those three customer groups that I mentioned earlier the same or better.

Q22) You're asking us to buy or sell twice. We're all part of the co-op. How does money change hands without anybody losing or gaining?

General Manager Gray: LEC writes us a check, we remove that from our rates, and they put it into theirs, in order to keep those three customer groups the same or better. There isn't a profit factor because we're municipally owned and they are co-op owned.

Q23) Do you have an energy management department, and how long is the customer wait on the phone?

Mr. Crinklaw: Yes, we have an energy management department. It would be a rare experience that you would get an automated response.

Q24) I asked earlier what the main factor for this proposed transfer is. You mentioned you have done layoffs, etc., but you're short on money. You tell us it has to be a good fit. People get married, too, but 40 years later the marriage may not be a good fit. You said the high cost of BPA power is causing EWEB to be short of money.

General Manager Gray: Again, our power supply is about 50% from BPA, and LEC's is 100% from BPA. BPA is the second cheapest power there is. Carmen-Smith is our cheapest power, but it will soon become much more expensive after relicensing. Our whole portfolio is more expensive than LEC's and SUB's.

Q25) Why are we tearing down dams, yet tribes have purchased a dam to generate electricity? I don't think there's a cheaper way. Because you're local and have a bigger portfolio and LEC is dependent on BPA, you can in the long term provide the lower cost of electricity because it is under your control.

President Simpson noted that most of those resources are very expensive—wind, biomass and solar are significantly more expensive than hydro. He noted that the Eugene/Springfield community has requested that the Board shape its portfolio for green reasons.

General Manager Gray added that those hydro costs have substantially increased, and gave some examples of the cost per kilowatt of various resources.

Q26) When you purchase power, do you buy it for one, two or three years?

General Manager Gray: We have multiple contracts and multiple forms of ownership. Some are indefinite, some are until 2018 (BPA), some are wind contracts, and some are owned, typically for 15-20 years. Overall, very long-term contracts but we do trade on the short-term power market, and are literally doing so at this hour.

Q27) How much have you reduced your power need, then?

General Manager Gray: We aren't using all that we have bought. Our portfolio is surplus, or long. We sell to the wholesale market. The contributing cost to our financial situation is that we are now selling it for about one-third of what we used to, i.e., at a loss.

Q28) I don't believe there's a win/win. I think EWEB's customers will lose. I feel strongly about this. SUB appears to be an organization that is very efficient. I would rather see EWEB deal with SUB than LEC. There is a large crowd here and a lot of their voices have not been heard. Can we ask for a show of hands to see if we support this or not?

President Simpson asked the audience to raise their hand if they are an EWEB customer in the McKenzie River valley (the majority raised their hands). He then asked them to raise their hand if they are interested in transferring to LEC (approximately 14 people raised their hands). He then asked them to raise their hand if they are interested in remaining with EWEB (the majority raised their hands). President Simpson thanked the above customer for their suggestion.

President Simpson then asked for comments from the Board.

Vice President Brown commented that the Board has learned a lot from tonight's dialogue, and that when one compares the Board with the audience, there is a different level of perceived knowledge. He reiterated that there are long-term objectives and financial obligations for both organizations, i.e., \$120-150 million that needs to be funded to relicense Carmen-Smith, and EWEB's unfunded Public Employees Retirement System (PERS) liability, and that the Board has to look beyond only today. He added that both utilities are very well-run and that the transfer is very far away from being a done deal, when one looks at 10- and 20-year forecasts of where EWEB is, where they get their power from, their rates, and whether or not rates will go up. He noted that EWEB is obligated to put 6% of their revenue (contribution in lieu of taxes) back into the City of Eugene's general fund, and that there other similar things items built into EWEB's rates that customers need to understand. He closed by saying he is impressed by the turnout tonight, and he again thanked the audience for attending, and reminded them to not hesitate to contact any Commissioner or EWEB staff if they have more questions.

A member of the audience suggested that education materials be sent out to EWEB customers in order to clue them in. Vice President Brown replied that staff would love to do that, that Public Information staff is present tonight, and that what EWEB is proposing can also be viewed on EWEB's website.

President Simpson commented that he was the one who encouraged staff to proceed with this line of query should EWEB make the transfer, and that tonight is the first public conversation the Board has had about this subject. He noted that he sees that the majority of those here tonight are not interested in the transfer, and that this is an important piece of EWEB's public process. He added that he is not married to the service transfer, but he wants to see how it plays out. He stated that his key interest is related to storm-caused power restoration, and he realizes that EWEB's electric crews are more equipped, trained, capable, and efficient at

repairing storm damage that occurs in an urban electric distribution system, while the opposite is true in a rural system, where LEC does that day in and day out, and they have the equipment, skills and troubleshooting techniques that are fine-tuned to restoration of service. When EWEB has to send multiple crews to restore 14 customers, that means 7,000 people go without power for longer periods of time because the crews are spread more thin, and this is one of the more compelling reasons to consider this transfer, because it's about realizing greater internal efficiencies, and therefore saving money.

Commissioner Helgeson said that he appreciated the audience's decorum and their good questions. He said he agrees that the Board should continue to explore the service territory transfer and its potential value but that he won't vote for something that he thinks harms the upriver residents' interests. He added that he was an EWEB employee for 33 years and that the relationship between EWEB and the upriver residents is important to Board and staff, and that he appreciates the majority of the upriver residents giving EWEB their confidence by raising their hands and saying they like EWEB, when usually the Board hears what is NOT working. He also told them to not let the April time frame be the driver, and that EWEB will continue to communicate information and update them on the status as they hear more from upriver residents.

Commissioner Mital echoed Commissioner Helgeson's comments and added that he also appreciates the color, comments and candor, and the kind manner in which the audience treated the Board because they don't always get that type of response at the Board meetings in Eugene.

Commissioner Manning appreciated Commissioner Helgeson's and President Simpson's comments and noted that no decisions have been made, and that when people are better informed, there may be an opportunity for LEC to make a presentation to the upriver residents as well. He added that whatever the upriver residents feel is best for them is what he will support.

MCKENZIE RIVER VALLEY CUSTOMER PUBLIC INPUT

Terry Liitschwager gave the following testimony:

"I have been an EWEB customer for 50 years. Regardless of which way the service territory transfer is decided, EWEB will retain control of Leaburg Dam, so it's EWEB I need to persuade to lessen the severity of the speed control devices on the dam's roadway. The posted speed limit is 10 mph. However, you're using speed bumps, and speed bumps are specifically made to slow drivers down to between 2-5 mph. Speed humps would be more appropriate since they're specifically made to slow vehicles to between 5-10 mph.

To the best of my recollection, the first speed bumps were installed on the Leaburg Dam roadway in the 1980s, one at each end. Those two asphalt bumps were used until all bumps were removed in February of this year to allow a large crane to have access over the dam for an EWEB project. When that project was completed, four new speed bumps were bolted to the roadway, roughly opposite each pier house.

Why is it that what had sufficed from some time in the 1980s until early this year, a period of 20-30 years, needed to be replaced by a doubling of the number of bumps and a significant increase in each bump's severity? I don't know the answer to that, and to the best of my knowledge the decision was made without public input, without an opportunity such as I am enjoying now.

During the period of June 29 through today, whenever at the dam, I looked for any one of three things: boat trailers, an EWEB presence, or pedestrians. On 64 days, one or more of the three were present. Pages 2-4 of a handout I will give to the Board is a tabulation of those counts. I saw an EWEB vehicle parked near the dam eight times. I saw EWEB personnel on the dam twice. I saw pedestrians seven times and I saw boat trailers 62 times. The National Bridge Inventory entry for Leaburg Dam listed the average daily traffic at 190 vehicles in 2010. Clearly the overwhelming use of the Leaburg Dam bridge is as a thoroughfare for vehicular traffic between Highway 126 and Leaburg Dam Road.

It's not a parking lot situation, and slowing vehicles to parking lot speeds—which is what the current speed bumps do—not only frustrates drivers and frays tempers, but creates a hazard. It's a one-way-at-a-time roadway, and the longer it takes to cross, the more the congestion at each end. On the highway side, the turn lane has room for about three vehicles, and if one of those vehicles is pulling a trailer, somebody's back end is going to be in the through traffic lane.

Using speed humps rather than speed bumps would allow traffic to move across the dam smoothly and still provide safety for the relatively infrequent presence of people on the dam. This is not to say that during periods of major maintenance, additional measures should not be used, but when such activity is completed, traffic calming devices should reflect the normal usage of the roadway and allow crossing at 10 mph.

Thank you for your consideration. For more information, please see leaburgdamspeedbumps.info."

Nadine Scott lives on Leaburg Dam Road. She is a realtor who travels the bridge 4-5 times a day, and she stated that it takes too much time to drive/stop, drive/stop each time over four speed bumps. She noted that the bridge is only 100-125 feet in length and during the time she is on the bridge, she has observed traffic backing up on the east side—trucks with boats, trailers and what not, and the rest of the vehicles are out in the traffic lane. The west side is the same, with vehicles trying to get on the bridge and getting backed up to the corner coming around the lake. She said she has witnessed several accidents there and she wondered why the drivers have been punished with these speed bumps for over 25 years.

A gentleman from the audience spoke up who is the Highway 126 representative on the State Area Committee on Transportation. He stated that Oregon Department of Transportation (ODOT) is very cooperative and that they will listen to suggestions. He suggested that Mr. Liitschwager and Ms. Scott write a letter to ODOT (the McKenzie River area is Area 2 of Oregon), as he believes they would get a response.

Mr. Liitschwager replied that he had contacted ODOT and they told him that EWEB has control of Leaburg Dam Road.

Joe Halbert reiterated his previous testimony regarding the tree trimming recently done from the end of Greenwood Drive to the end of Thurston Road, as to why aren't the limbs cut to the ground and then loppers used in the spring to finish the job. He added that the flaggers on that stretch of road waste too much of the drivers' time and are not necessary.

Mr. Halbert also asked why EWEB bill payments are mailed to the state of Washington.

Mark Freeman, Energy Management Services and Customer Service Manager, replied that in 2010 EWEB's billing machine was past its useful life and had contributed to three or four repetitive motion injuries to its operators, so EWEB decided to contract with an outside service in Washington (who only services municipal utilities such as EWEB) to perform billing services (as it would have cost \$750,000 to \$1 million to upgrade the billing machine). This processing center's pricing is about half what a local processing center's would be. He explained that the time it took for bills to reach Washington was tested by sending letters from downtown Eugene, McKenzie Bridge and other areas, and that it took two days for them to get there, where previously it took three or four days to process all of that mail. In summary, the process is now more efficient, saved the utility money by not having to buy equipment, and produced enough savings to move the operators of the previous billing machine to different positions instead of laying them off.

President Simpson added that this is not a for-profit deal for EWEB, and that the money returns to EWEB in a wire transfer.

Regarding the speed bumps on Leaburg Dam Road, Commissioner Helgeson stated that he understands the risks for EWEB, and that he doesn't want to micro manage the speed bumps. He wondered if staff could look at this in terms of options that might accomplish EWEB's purposes, and he voiced concern about traffic backing up onto the highway. He added that it is possible that ODOT won't fix the problem but they may have some experience with this type of issue.

President Simpson and Commissioner Mital supported Commissioner Helgeson's request to staff, and the request received three head nods.

General Manager Gray stated that he will forward the Board a summary of why the speed bumps were originally installed and then Board and staff can proceed from there.

Commissioner Mital stated that he has looked at Mr. Liitschwager's website and was impressed by the number of photos. He noted that when four of EWEB's Commissioners visited Carmen-Smith Dam recently, they took a detour and drove on Leaburg Dam Road in order to experience the speed bumps. He said that staff's reason for installing the speed bumps is

because of safety needs for the dam, but at the same time he hears Mr. Liitchschwager's concern about traffic backing up onto Highway 126, and that even though it may be an ODOT issue, EWEB can at least look at some mitigating options.

President Simpson stated that he will drive over the bridge on his way home this evening.

McKENZIE WATERSHED

Steve Newcomb, Environmental Manager, introduced Eric Sproles, Oregon State University post-graduate in climate change study. With the use of overheads, Mr. Sproles discussed present and future snowpack in the McKenzie River, temperature trends from 1920-2000, stream flow trends from 1948-2000, elevational profiles, and various examples of adaptation, mitigation and suffering in relation to projected climate action.

Commissioner Helgeson asked what the implications are for general flow requirements at EWEB hydroelectric projects, as EWEB's regulatory requirements were based on average conditions.

General Manager Gray replied that EWEB's systems are passthrough systems, and that from a water standpoint it is troubling but from a power standpoint, it translates to more generation. He added that he believes the Corps of Engineers will be looking at rule curves and that they will have to change and put more emphasis on flood control, with less power and more holes in the reservoir for flood control.

Vice President Brown stated that he believes the same would be true for Leaburg power plant, as he believes the flow is not 3500 cubic feet per second (CFS) at that stage of the river. He wondered how that would change EWEB's license and what that would mean.

General Manager Gray replied that there would be potential loss of summer generation at all three projects, but that the flip side would be more generation in winter.

Vice President Brown stated that he is worried about when EWEB is still diverting two-thirds of water through the canal, and he wondered if that means that there will be a lot of generation lost in the summer.

General Manager Gray replied that there is so much wind and solar power coming out of California that it should be okay.

Commissioner Mital asked at what elevation the High Cascades boundary is located. Mr. Sproles replied that it is at about 3500-4000 feet, and that he believes Carmen-Smith is within that or close to that, and that the dam is actually on the boundary.

Commissioner Mital asked if that is where it is expected that snow turns to rain (at about 750-1,000 feet elevation). Mr. Sproles replied that Eugene gets one meter of rain per year and up top gets three meters, and that the snow pack is at 3 and 2.2 meters, respectively.

General Manager Gray asked if there have been years that emulate what we might be looking at on a regular basis. Mr. Sproles replied that he doesn't know the exact years, but they would be the El Nino and La Nina years.

A brief discussion ensued regarding snow pack and geologic conditions.

CLIMATE CHANGE AND THE McKENZIE VOLUNTARY INCENTIVES PROGRAM

Mr. Newcomb introduced Karl Morgenstern, Drinking Water Source Protection Coordinator. EWEB is developing a new drinking water source protection strategy that will reward rural landowners who maintain high quality land along the river, helping to protect water quality in the McKenzie Watershed and avoid future water treatment costs.

Under the Voluntary Incentive Program (VIP), landowners with property that meets specific standards will qualify to receive annual payments. The payments will reward outstanding land stewardship benefiting the residents of Eugene, whose source of drinking water is the McKenzie River.

With the use of overheads, Mr. Morgenstern discussed the McKenzie VIP, including showing a map of the McKenzie watershed area, and discussing climate change impacts, the effect on riparian areas and habitat function, watershed valuation, the mission and goals of the voluntary incentives program, pilot projects for 2014, traditional imaging and mapping vs. LiDar surface imaging and mapping, the amount of acreage covered in the program, customer services vs. payment for the program, progress monitoring and reporting, the roles of each partner in the program, the timeline for each pilot project, and EWEB's investment to date, along with other potential funding.

The above information on the VIP program can be viewed at www.eweb.org/sourceprotection/vip.

Vice President Brown asked how the septic tank inspection program coincides with this program. Mr. Morgenstern replied that the septic tank inspection program is ongoing and that EWEB maintains a budget for those services, and that 530 land owners are participating in the program.

Vice President Brown asked if funding for the septic tank inspection program is still adequate. Mr. Morgenstern replied that the program ran out of cost share money in late August, but that people were put on a waiting list and will be funded on January 1, 2014.

Vice President Brown stated that he hates to delay the program due to inadequate funding, and that if the program is out of money, he would like to know. He added that he doesn't understand only putting \$10,000 a year into a program that is vitally important in helping

landowners, that apparently there is still a demand for the program if it is running out of money, and that, in his opinion, the program should never run out of money.

President Simpson and Commissioner Helgeson agreed with Vice President Brown's comments.

Commissioner Manning stated that he thought there was \$50,000 in the budget for this program, and wondered if the \$50,000 had been reduced to \$10,000.

Mr. Morgenstern explained that a one-time expense of \$50,000 was budgeted for an engineering study for a septic system in Blue River, as EWEB is working with them to form a district and get funding, but that the \$10,000 is an annual budget item.

General Manager Gray stated that he will discuss this with the Board at a later time.

Commissioner Mital commended Mr. Morgenstern for his presentation this evening and for his previous Board presentations, as they are always clear and concise. He asked for more information regarding the value proposition.

Mr. Morgenstern explained that staff assumes that this is green infrastructure and that if it isn't taken care of, EWEB is looking at an engineering solution down the road. He said that staff also looks for cost avoidance in relation to EWEB's turbidity data, because as turbidity increases, costs increase; and he also noted that the additional pieces are the avoided cost of forest restoration, the regulatory cost driver and attempting to avoid future regulatory cost increases, and the climate mitigation concept, i.e., if there is more flooding, having a natural system helps avoid that.

Commissioner Mital stated that it seems that if more fluctuance in the McKenzie River is expected, landowners will have their own reasons to protect against floods.

Mr. Morgenstern replied that this affects all land owners in riparian zones, and that staff does as much outreach education as they can around what riparian protection looks like in restoration, so that landowners will continue to protect it, instead of waiting 20-30 years to start reacting at that point, and that it depends on how proactive EWEB wants to be.

Regarding the potential service territory transfer, Commissioner Manning asked how much of this pilot program will reach out to existing customers in this network. He wondered if this is something EWEB might want to continue if the transfer occurs, or if LEC would pick that up.

Mr. Morgenstern replied that this pilot program would reach out to quite a few existing customers and that the program would continue for both existing and second source water supply, and that he will have to think about how that might impact EWEB's relationship with those customers.

General Manager Gray added that, regardless, Blue River residents are LEC customers today, and EWEB is working with some of them in the septic program. He agreed with Mr. Morgenstern that it is difficult to guarantee payback, and that many water districts larger than EWEB own their watershed, so they have protection built in through the parks system, which is a different partnership model, and a very interesting way economically to approach the problem.

Commissioner Mital asked how the urban runoff that Mr. Sproles discussed affects this project. Mr. Morgenstern replied that staff is hoping to get a grant that will allow them to build a treatment wetland around Springfield, and that they are looking at diverting other storm water systems. He added that staff did a survey of customers and upriver residents, and there is overwhelming support for protection of the McKenzie River, and the residents' willingness to pay for that is pretty high, i.e., they are willing to pay more than what EWEB needs to run this program.

Commissioner Helgeson stated that as a former EWEB employee, he was involved in EWEB's water protection program from the beginning, and he thanked Mr. Morgenstern and his staff for pointing out other issues that continue to impress him. He noted that the approach staff has taken to rely on partnerships has never put EWEB in the position of forcing things on people or stepping up to be the major funder, and that he assumes that staff has creative funding strategies that will avoid having it rise to the level that forces those kinds of questions.

PUBLIC INPUT - GENERAL

Mary Burns echoed Commissioner Manning's comment about LEC giving a presentation to upriver residents. General Manager Gray replied that LEC will be presenting several community meetings, and that he will make sure EWEB's website has the dates of those listed.

Brian Bender submitted the following testimony via e-mail:

I'll be unable to attend the public input meeting Oct. 1st, so here's my input: I've been following the smart meter issue for quite some time, and it's become clear to me that EWEB has been in favor of implementing the wireless meters from day 1, often with very little concern for the potential health risks from chronic exposure to the meters.

With increasing lawsuits, bans, protests, and stories of smart-meter induced sickness, my question to EWEB is this: Is your bias to implement smart meters based purely on convenience, finances, and a relentless pursuit for the most up-to-date metering gadget?

EWEB's decision is clearly not based on the voice of the people, or else they'd give pause and serious thought to pursuing safe metering technology: fiber optics, analog meters, or radio-off meters.

To the Commissioners: Thanks for volunteering your time and representing the people. Would it be possible to have the commissioner of my ward read this during the public input session?

DOWNTOWN EUGENE ELECTRICAL DISTRIBUTION SYSTEM

Mel Damewood, Engineering Manager, introduced Alan Fraser, Engineering Supervisor, who assisted him with the presentation.

Mr. Damewood gave a brief update on what has been done in the last three years since the catastrophic network failure at 13th & Pearl, which was partially related to heat from a steam line. He noted that since then the steam plant has been shut down, and other factors have contributed to the need for EWEB to make a decision about updating the downtown electrical distribution system (network vs. radial), and that there are varied opinions from staff about what should be done. He asked the Board to consider the different factors and how they wish to weigh them, and what to consider what type of decision-making process would help them and also the customers of the downtown network, as it is a 50-year decision.

With the use of overheads, Mr. Fraser discussed the existing downtown business network and compared a network vs. radial system--the characteristics that will be evaluated, distributed generation, the reliability perspective, distribution energy efficiency, cost to the customer, construction disruption time, safety issues, greenhouse gas savings, preliminary construction costs, future plans, and some examples of downtown networks and photovoltaic. He also listed the 2013 network downtown team members.

President Simpson made the following comments:

“Distributed Generation (DG): There have been many concerns about the restricted ability to integrate DG into the downtown network. EWEB, like many other utilities, is under pressure to evolve its distribution topology to accommodate new paradigms such as DG. I believe the best option to take advantage of novel approaches to growing energy demand and capacity management is to change out the downtown network topology to a traditional loop standby, multi-feeder design. Operation and construction costs will be lower with a traditional distribution design because the warehouse will no longer need to stock specialized components that are only used in the downtown network. We will no longer need specially trained and certified staff to maintain and repair a networked system.

Reliability: Based on EWEB’s existing reliability track record, the looped nature of our existing transmission and distribution (T&D) system, and the fact that the downtown system is underground, I have no concerns or fear about reliability impacts if we switch from a complex, expensive network system to a more traditional distribution design. I believe the number of outages will be comparable to the bulk of our system, and I actually believe that restoration times will be faster due to three primary factors: 1) simplicity; 2) availability of spare parts; and 3) easier to troubleshoot. Automatic relaying could be implemented to segregate faulted feeders and facilitate rapid loop reconfiguration to make up for part of the reliability loss.

Construction Complexity: I accept and can live with the fact that this falls in the ‘difficult’ category. There’s no doubt a system redesign will be required, along with significant design, construction and installation expenses. This is the cost of doing business and making things better. I am concerned that continued investment in the existing downtown network

doesn't have an adequate rate of investment, and frankly I am not convinced that the 900 customers who currently benefit from the downtown network care, understand or appreciate the 'benefits' that the networked system gives them.

Customer-Side Electric Equipment Costs: Who doesn't want to save money? Lower service connection costs will place less of a financial burden on new businesses and those that want to modernize and remodel. I am all in favor of lowering connection costs wherever possible, and this is one more reason why I think a switch away from a networked system is appropriate in today's day and age.

Customer Voltage Options: A switch to a traditional distribution design will give more options to customers. For example, the Capstone project might want to receive electricity at 480V, whereas a small downtown restaurant upstart only needs regular 208V service. This allows our account managers and engineers to respond to various requests with 'sure, we can provide that' much more often. This flexibility preserves the reservoir of good will and is good for business.

Contribution in Aid: I don't know much about this topic, and I would appreciate a brief drill-down to help wrap my head around this issue. Nonetheless, staff has identified lower consumer costs in this category in a switch to a traditional distribution scheme, so even without knowing much about this issue, who am I to argue against lower consumer costs? It's just one more thing leaning me in the direction of a changeover.

Road Construction Disruption: More if we make a changeover, less if we keep the existing network topology. I say 'so what.' Let the disruption happen. Again, it's the cost of business and the price that the public has to pay for progress.

Outages During Construction: More likely if we make a changeover. True, but with careful planning and plenty of advanced communication and notice, this should not have that much impact on the community.

Safety: This is a no-brainer. We really don't have 'industrial' loads downtown, so having a low-impedance distribution system with its attendant higher fault currents is not necessary and, besides, all that copper and aluminum is expensive. We should always take measures to reduce hazards to our crews and to the public. The enhanced safety is a great 'freebie' benefit to making the switch.

Greenhouse Gas Emissions: This, too, is a no-brainer. Unless there is a huge benefit to keeping the downtown network, there's no reason not to implement a system that facilitates smart grid operation and DG."

President Simpson also stated that he is curious about the outcome of the stakeholder experience, and asked staff to keep him in the loop.

Commissioner Helgeson thanked staff for the great information. He stated that it was his sense from day one that the downtown network was a mismatch in terms of design approach for a city the size of Eugene, and that in some sense EWEB is left with having to overcome the vestiges of what remains. He added that at this point he doesn't have an opinion yet, and he complimented staff for a robust engineering analysis and their look at many dimensions.

Mr. Fraser gave kudos to his team for that analysis.

Vice President Brown asked if he has a conflict of interest around approval due to the fact that his company manages many downtown properties. General Manager Gray replied that he does not. Vice President Brown then stated that he supports a radial system even though he's not happy about the road disruptions for 2-1/2 months and the occasional outages.

APPROVAL OF CONSENT CALENDAR

President Simpson pulled items 1a and 1b. Vice President Brown recused himself from voting on items 3 and 5.

It was moved by Commissioner Helgeson, seconded by Commissioner Manning, to approve the remaining items. The motion passed unanimously (5-0).

ITEMS REMOVED FROM CONSENT CALENDAR

President Simpson asked that approval of the July 23, 2013 and August 6, 2013 minutes be postponed until the October 1, 2013 meeting in order to make some revisions. The Board agreed.

It was then moved by President Simpson, seconded by Commissioner Mital, to approve items 3 and 4. The motion passed 4-0 (Vice President Brown recused himself).

CORRESPONDENCE AND BOARD AGENDAS

General Manager Gray thanked Commissioner Mital for acknowledging EWEB's recent awards.

Regarding the re-launch of Energy Management Services (EMS), General Manager Gray noted that he has discussed this with each of the Commissioners, and he pointed out that there has been a slight variation in the Integrated Energy Resource Plan (IERP) policy regarding offsetting load growth with energy efficiency and demand response, and that EWEB is slightly above that target now. He added that the budget is sufficient for a soft relaunch in quarter 4 of 2013, with a full relaunch in 2014 based on the Board's upcoming budget discussion.

He also asked the Board for clarification around which of the above metrics should be the broader consideration and whether it is appropriate to discuss that in more detail at a future

meeting, as he wants to make sure that EWEB doesn't get themselves into that same position again.

Mr. Freeman added that he refers to the above variation as a "customer service minimum," not from an IERP point of view but from a customer service point of view, and he echoed General Manager Gray's wish for EWEB not to get themselves in that position again.

Commissioner Mital stated that, in his opinion, the ramp down of Energy Management Services was EWEB's biggest mistake of the year. He noted that he is not blaming anyone in particular, but he feels that it should have been recognized that it was a big enough issue that it should have come before the Board earlier. He stated that because of new Board policies and triggers, he doesn't expect this to happen in the future, but that if another "perfect storm" happens, he doesn't want to turn off those services again, as the Board has reserves, and the Board should have the final say on how to handle that issue. He added that the septic program that Mr. Morgenstern oversees also falls into that same category.

President Simpson agreed with Commissioner Mital's comments.

Regarding the questions from the audience and Vice President Brown regarding Walterville Pond, General Manager Gray stated that he will follow up on this. Vice President Brown noted that he is okay with the explanation that General Manager Gray gave him earlier.

General Manager Gray noted that the EGI welcome and tour previously scheduled for the October 1 Board meeting has been postponed until the November 5 Board meeting, at EGI's request.

President Simpson reminded the Board about their group photo which will be taken before the October 1 Board meeting.

President Simpson adjourned the Regular Session at 9:55 p.m.

Assistant Secretary

President