



## CITY LIGHT REVIEW PANEL MEETING

Tuesday, October 26, 2021

9:00 AM – 11:00 AM

Microsoft Teams Meeting

### Proposed Agenda

| <u>Item</u>  | <u>Lead</u>               |
|--|---------------------------|
| 1. Welcome (5 min.)  | Mikel Hansen, Panel Chair |
| 2. Public Comment (5 min.)   |                           |
| 3. Standing Items: (5 min.)  |                           |
| a. Review of agenda (Karen Reed)   |                           |
| b. <b>Action:</b> Review and approval of meeting minutes of September 22, 2021 |                           |
| c. Chair's Report (Mikel)  |                           |
| d. Communications to Panel (Leigh Barreca)                                     |                           |
| e. Panel position recruitment (Leigh)  |                           |
| 4. General Manager's update (30min.)   | Debra Smith               |
| a. Covid update  |                           |
| i. Vaccine mandate impact  |                           |
| b. Customer satisfaction survey fielded  |                           |
| c. Visit with Skagit area tribes   |                           |
| d. New Market Transformation / Western Markets                                 |                           |
| 5. Long-term Debt Planning (45 min.)   | Kirsty Grainger           |
| a. Presentation  |                           |
| b. Discussion  |                           |
| 6. 2023 – 2028 Comprehensive Planning schedule (20 min.)                       | Leigh                     |
| 7. Adjourn   |                           |

**Next meeting:** November 23, 2021



**City Light Review Panel Meeting  
Meeting Minutes**

**Date of Meeting: September 22, 2021 | 1:00 PM – 3:00 PM |  
Meeting held via Microsoft Teams “Draft”**

| <b>MEETING ATTENDANCE</b> |   |                    |   |   |   |
|---------------------------|---|--------------------|---|---|---|
| <b>Panel Members:</b>     |   |                    |   |   |   |
| <b>Names</b>              |   | <b>Name</b>        |   | <b>Name</b>                             |   |
| Anne Ayre                 | √ | Leo Lam            | √ | John Putz                               | √ |
| Mikel Hansen              | √ | Kerry Meade        | √ | Tim Skeel                               | √ |
| Scott Haskins             | √ | Joel Paisner       | √ |   |   |
| <b>Staff and Others:</b>  |   |                    |   |   |   |
| Debra Smith               | √ | Jen Chan           | √ | Karen Reed (Consultant /RP Facilitator) | √ |
| Kirsty Grainger           | √ | Mike Haynes        |   | Craig Smith                             |   |
| Jim Baggs                 |   | DaVonna Johnson    |   | Michelle Vargo                          | √ |
| Kalyana Kakani            | √ | Emeka Anyanwu      | √ | Maura Brueger                           |   |
| Julie Moore               | √ | Chris Ruffini      | √ | Chris Tantoco                           |   |
| Greg Shiring              | √ | Carsten Croff      | √ | Leigh Barreca                           | √ |
| Eric McConaghy            | √ | Toby Thaler        | √ | Angela Bertrand                         | √ |
| Joel Ohringer             | √ | Julien Loh (guest) | √ |   |   |

**Welcome\Introductions.** The meeting was called to order at 1:04 p.m.

New members were welcomed. All attendees introduced themselves.

**Public Comment.** There was no public comment.

**Standing Items:**

**Review Agenda.** Karen Reed reviewed the agenda.

**Approval of June 17, 2021 Meeting Minutes.** One correction was made to the minutes, Leo Lam was not in attendance. Minutes were approved as revised.

**Chair’s Report.** Mikel Hansen reported that the presentation of the Review Panel’s Strategic Plan letter to the Council Committee in July was a great process. The Review Panel is definitely not seen as a rubber stamp group and the City Council very much appreciates our input. Mikel encouraged the new Panel members to be vocal about their thoughts and questions.

**Communications to Panel.** Leigh Barreca shared that there was one email addressed to the Panel. A request came in requesting that service be disconnected for a property that is technically vacant, as one of the homeowner’s recently passed away this month and the other homeowner is in hospice. The request came from the legal guardian of the homeowner in hospice. However, the



## City Light Review Panel Meeting Meeting Minutes

property is being occupied without permission by the homeowner's two adult sons. The legal guardian indicated that is in the process of eviction and would like to turn off the utilities.

According to Customer Operations division director, Marcus Jackson, the utility does not get involved with these types of issues. City Light does not want its action of shutting off the electric service to be used to force the occupants out of the property. SCL's position is to let the eviction process play out with the guardian, and once the property is vacant, she can request for the electric to be shut off and have the meter removed as the Electric Service Representative suggested to the customer. The customer has been notified of this position.

**Panel Member Recruitment.** We have one Panel vacancy, the Low-Income Advocate. City Light has posted several requests for applications, and Leigh has reached out to numerous partner agencies. We would be happy to get any suggestions for this position that Panel members may have.

**General Manager's update.** Debra Smith presented.

- Skagit Relicensing – SCL proposed creating a new \$2M fund to support endangered fish species in the Skagit watershed and it was approved unanimously by the City Council. This funding is designed to help through the planning phase and will allow us to partner with others doing work in the area. There will be a group of license participants that will make decisions on which grants to fund. SCL is now focusing on completing the science studies approved by FERC's. The relationship rebuilding we have committed to is going well. There are three primary tribes that are a party to the relicensing, the Upper Skagit, Swinomish, and Sauk Tribes. Relationships with the first two are improving. However, a second piece of litigation has been filed by the Sauk. Third piece of litigation is from the Skagit County.

**Q:** When will the current license expire and how long will the new license be in affect? **A:** The current license expires on May 1, 2025. Our current schedule has us submitting the relicensing application on May 1, 2023. This date may be impacted by the scientific study process. The length of this license has not been decided. Licenses typically last for 40+ years.

- Renewable Plus – Emeka will speak to this soon. It's a product specifically for our large commercial customers, such as Climate Pledge Arena, that want to fund new renewables in the area. This was also approved by council on Monday.
- Covid Update –
  - Current situation: Official return to office date for teleworking employees has not changed from October 18. This intentionally aligns with the vaccine mandate date.
  - Vaccine mandate: This is contentious and is an incredible amount of work to manage vaccine and exemption status for 13,000 city employees. The most recent numbers from today is 772 out of about 1,700 City Light employees have completed their vaccine confirmation process. We have 19 employees asking for medical exemptions and 82 asking for religious exemptions. These will go through an anonymous exemption process, and, if approved will be followed by an accommodation discussion with the employee.



## City Light Review Panel Meeting Meeting Minutes

- Return to office: Staff have submitted their return to office hybrid plans. We are waiting the impact discussions with the labor unions to make final decisions. It is challenging to balance the needs of the 50% of the staff that have been coming in with the 50% that have been teleworking, particularly as children cannot be vaccinated. We were not given specific guidance around what hybrid looks like. We asked staff to come in two days a week – but this was not a mandate. We are also starting to have conversations about how supervisors can manage employee performance from a distance.

**Q:** What mandate are you referring to? Are you following the State's mandate? **A:** Yes, the City and County are in alignment with the mandates issued by Governor Inslee. The City is currently working through mandate issues related to contractors doing work for us.

**Q:** Will testing be available as an accommodation? **A:** I don't believe the City will include that as an accommodation option. The frequency of testing needed to use this as a preventative measure makes it challenging to implement.

**Q:** Are you regulated by OSHA? **A:** No, we are under state Labor & Industries.

- Clean Energy Grants – Emeka Anyanwu presented. We are very happy that this passed the Council and are excited to launch this program for customers who want to impact the regional fuel mix. Four projects received funding. There are two tracks: the first is pre- design work; the second is design and development. In the design and development track, the grants are (1) a second use for electric vehicle batteries to extend their life, and (2) battery energy storage at the Coleman Dock to support Washington State Ferries as they move towards an electric fleet. We were tied for the most projects accepted with four. These are strong partnerships that are helping us define our energy future.

**Q:** How do these grants impact our revenue requirements? **A:** We don't know the full scope as these are developed in partnership with the other organizations. We will have more information in about a month. The four grants allocated a total of \$1.3M from the State Dept. of Commerce.

### Mid-year 2021 Financials

Kirsty Grainger presented. The Financial Highlights document is in the Review panel Packet. Thus far in 2021, the financials are at or better than planned. We made this budget knowing it would be a tough year and we are pleased with how it's going. Due to much less net wholesale revenue coming in than budgeted (due to drought conditions), we may need to restore the RSA (Rate Stabilization Account) surcharge this fall but we are looking for strategies to avoid needing to do this.

**Q:** Looking back, do you bump up against the 1.8 Debt Service Coverage target frequently? **A:** We used to shoot for 2.0 but reduced it after the last recession.

**Q:** Is there a simple summary of the kind of financial options you're looking at to avoid reimposing the RSA surcharge? **A:** Once we have concurrence with the Mayor's office we would be happy to share that.



## City Light Review Panel Meeting Meeting Minutes

**Q:** Given climate change, the drought condition is likely to be cyclical. Are you building resilience to weather those kinds of conditions? **A:** Yes. On both our hydro side and electrification side. Our Rate Stabilization Account (RSA) is our primary risk management tool. We budgeted \$60M for surplus power sales this year; in future years, the budget target will be \$40M.

**Q:** You covered the accounts receivable issue previously. As the moratorium is extended, are you looking at how you will set your guidelines in the future? **A:** Chris Ruffini responded. We have done a couple of things this year. We have expanded our emergency assistance programs and raised it from \$400 onetime credit to two \$500 credits. We also are getting close to releasing federal assistance funding later this month. We are working on a program called Road to Recovery. People will make applications and either apply funds for their arrearages and/or create payment arrangements. We have loosened our restrictions around payment arrangement terms to give customers extra time to get caught up. At the beginning of the pandemic there was a jump in accounts receivable, but it has been fairly stable since then. It looks like there are a handful of customers out of our total 600,000 that are continuing to struggle. It feels manageable.

**Q:** To get a better picture, what is the monthly revenue of SCL? **A:** About \$1B over 12 months.

Carsten Croff presented the most recent load forecast. The forecast is in the Review Panel packet.

**Q:** For the load forecast, is it different from what the utility was expecting four years ago? **A:** Yes. The data in this presentation shows a comparison to the forecast made at the end of last year. We'll give you more of picture of the historical trend when we come back to give a detailed presentation on this as part of the strategic planning process. Since 2007, we have seen our load drop because of our cumulative investment in energy efficiency, and we are starting to see an increase coming from electrification-- not necessarily from people's cars but from transit commercial electrification.

### Debt Strategy Introduction

Carsten presented. The presentation is in the Review Panel packet.

**Q:** Since there is an interplay between coverage and Cash funded CIP, how do you decide that interplay for a typical year? **A:** We don't decide it for a typical year, but we do decide it for a segment of years. We wanted to fund more CIP from our rates, so that effects a longer-term strategy but not on an individual year.

**Q:** Are numbers adjusted for inflation? **A:** The amounts are adjusted, but the \$340 is just an average in today's dollars.

**Q:** Are there strategies you can deploy to get closer to the debt service coverage and cash funding targets each year? **A:** There are ways to micro-manage debt service for a particular year, though we try to avoid that.



## City Light Review Panel Meeting Meeting Minutes

**Q:** Can you explain how the target works? The hypotheticals show cash funding well over and under the target—is the target binding? **A:** The 40% is a target amount. If we wanted to target exactly 40%, we might need to move our debt service coverage up and down. Stable rates and stable coverage are a higher priority than precisely meeting the target or debt service amount.

**Q:** Do you have formal debt service coverage legal obligations? If so, what is it? **A:** Yes. Our bond covenants commit us to a debt service coverage rate of 1.25 rather than the 1.8 target.

**Comment:** This was great grounding, and it doesn't give answers to specific debt strategy. **Response:** There are several large building blocks of cost we are still establishing that will need to be set before we can choose a strategy, including the cost of Skagit relicensing and advancing Automated Metering Infrastructure (AMI). We may not be able to choose a debt strategy until those things are completed, however, we can develop alternatives, we wanted to present some foundational material to you today knowing there were several new members. We will prepare a follow up discussion for a future meeting.

**Adjourn:** Meeting adjourned at 3:03 PM

**Next meeting:** October 19, 2021.



## City Light Review Panel Meeting Meeting Minutes

**Date of Meeting: June 17, 2021 | 9:00 AM – 11:00 AM |**  
**Meeting held via Microsoft Teams “Draft”**

| <b>MEETING ATTENDANCE</b>             |   |                 |   |   |   |
|---------------------------------------|---|-----------------|---|---|---|
| <b>Panel Members:</b>                 |   |                 |   |   |   |
| <b>Names</b>                          |   | <b>Name</b>     |   | <b>Name</b>                             |   |
| Scott Haskins                         | √ | John Putz       | √ | Mikel Hansen                            | √ |
| Sara Patton                           | √ | Anne Ayre       | √ |   |   |
| <b>Staff and Others:</b>              |   |                 |   |   |   |
| Debra Smith                           | √ | Jen Chan        | √ | Karen Reed (Consultant /RP Facilitator) | √ |
| Kirsty Grainger                       | √ | Mike Haynes     | √ | Craig Smith                             | √ |
| Jim Baggs                             |   | DaVonna Johnson |   | Michelle Vargo                          | √ |
| Kalyana Kakani                        |   | Emeka Anyanwu   | √ | Maura Brueger                           | √ |
| Julie Moore                           | √ | Chris Ruffini   | √ | David Logsdon                           | √ |
| Greg Shiring                          |   | Carsten Croff   |   | Leigh Barreca                           | √ |
| Eric McConaghy                        | √ | Toby Thaler     | √ | Angela Bertrand                         | √ |
| Tim Skeel (Panel appointment pending) | √ | Chris Tantoco   | √ | Uzma Siddiqi                            | √ |
|                                       |   |                 |   | Don Von Dollen (guest)                  | √ |

**Welcome\Introductions.** The meeting was called to order at 9:04 a.m.

All attendees introduced themselves.

**Public Comment.** There was no public comment.

**Standing Items:**

**Review Agenda.** Karen Reed reviewed the agenda.

**Approval of May 12, 2021 Meeting Minutes.** Minutes were approved as submitted.

**Chair’s Report.** No report.

**Communications to Panel** Leigh Barreca shared that there were no communiques to the Panel.

**Panel Member Recruitment.** Maura Brueger reported that City Light staff are quickly assembling a pool of candidates to forward to the Mayor’s office and Council for all Review Panel vacancies. We currently have candidates for the following appointed positions: Economist, Energy Efficiency, Residential and Suburban Franchise Cities. Leigh is working with our Low-Income advocacy partners to identify a Low-Income position candidate.



## City Light Review Panel Meeting Meeting Minutes

Will hold off until fall for Panel chair/co-chair elections to allow time for all new members to join.

### General Manager's update.

Debra Smith presented.

- Strategic Plan - Yesterday SCL had its first presentation of Strategic Plan to the City Council Transportation and Utilities Committee. Staff are scheduled to return to the Committee on July 7<sup>th</sup>. At this meeting we would like members of the Review Panel to present their views on the Strategic Plan. The first presentation went well. The Committee expressed a lot of appreciation for the change to the rate trajectory and the SCL business strategies resonated with Committee members. Kirsty shared that our credit ratings are being affirmed. S&P was impressed with how SCL addressed Covid and how the utility is working on addressing declining load.
- Budget – The budget process is wrapping up. This year SCL incorporated the Race and Social Justice (RSJ) into its budget strategy. Staff are also looking at vacant positions (“pockets”). An increased vacancy rate was used to address budget concerns during COVID. Now SCL is looking at reallocating these vacancies to fill emerging business needs. The feedback from the budget office was very favorable. We aligned our budget and change requests with the business strategies that are in the Strategic Plan.
- Skagit Relicense – SCL is awaiting the approval of its Skagit Study Plan by the Federal Energy Regulatory Commission (FERC). Debra feels they have made a lot of progress with license participants and are much more aligned. SCL put together a letter than most participants signed, which was very positive, however FERC interpreted this a second study plan proposal and re-opened a comment period.
- Upcoming presentation - Ben Kujala from the Northwest Power and Conservation Council will give a presentation to SCL staff and interested Review Panel members on the Council's 8<sup>th</sup> plan. This plan provides guidance on which resources can help ensure a reliable and economical regional power system over the next 20 years.
- Staffing changes – Our Environmental Officer, Tom DeBoer, has left SCL. His wife got a job opportunity in London and they have moved. Given the fact that we will have a new Mayor in 2022, and we are in the midst of a very public relicensing situation, we wanted to hold off on hiring a new Environmental Officer. We have used this opportunity to create some other executive position changes. Mike Haynes is now the SCL Assistant General Manager. His role encompasses oversight of our environmental efforts. We will evaluate his new role in Q1 2022 and make changes as needed. Michelle Vargo is our new Chief Operating Officer.

**Q:** How long do you expect these staffing changes to last? **A:** We are going to get through the Mayoral election and get to a good place with Skagit then we can reevaluate.

### 2022 – 2026 Strategic Plan.

New PIA – Kirsty provided an overview of the PIA that was added to the Strategic Plan.





## City Light Review Panel Meeting Meeting Minutes

Council Committee update – Between now and July 7<sup>th</sup>, Maura will be gathering Council Committee questions in preparation for the second Transportation and Utilities Committee meeting. At the July 7 meeting, the Committee would like Review Panel members so to speak about the Strategic Plan and the comments raised in the Panel's letter.

### Grid Modernization presentation

Emeka Anyanwu, David Logsdon, and Uzma Siddiqi presented. Presentation materials are in Panel member packets.

**Q:** The team's passion is obvious. One suggestion is to incorporate this work into your organizational dashboards. How is this integrated with real time monitoring? **A:** This is not a well-trod path around what are good success metrics. We welcome input from community members – what should we be measuring and why.

**Q:** This seems underwhelming to have this big project and have the big outcome be upgrading some switches. I thought it would have more interesting stuff like microgrids. There was a lot of buildup, and I am not seeing the benefit to the community. **A:** The grid mod plan is a piece of the work we are doing. One proposal we submitted to the Clean Energy Fund is battery storage for solar charging at bus stops. We are trying to bring the concept of microgrid to our customers.

**Q:** This is a subset of the last question. What are some direct impacts on residents and businesses in the community that they will actually see? **A:** Improved reliability, improved resiliency plus an opportunity to see what new technology looks like. Outages would have shorter duration because our operations staff can find the fault faster. On the resiliency front, when a problem occurs, the ability to come back faster.

**Q:** Is there room in your presentation to encapsulate the financial impact on the community from the outages? I can see how this plan benefits City Light, but it is not clear how it will impact the community. Separately, what needs are the community self-identifying and how does your plan align with those needs? **A:** We are just at the start of the outreach for the Duwamish Test Bed project. This outreach will be important input to the project as we move forward.

**C:** If the purpose of the Duwamish project is to reduce outages, it would be good to see historical outages in this area compared to the rest of the City. Do not develop solutions without identifying the problem.

**Q:** There are two areas I am interested in learning more about. Microgrids as resiliency strategy – where would you put them city-wide? And batteries – seeing more explicitly how that can help with peaking hours. **A:** There is another project working with the Washington State ferries to put a battery at Coleman dock. We have the energy capacity to power one or two ferries. We would like to save the system the energy for the second ferry and use the battery.

**Q:** One last thing is for the targeted area—instead of residential customers charging vehicles at their homes, could you use Rec Centers or public spaces to charge EVs? **A:** One of the projects we are working



## City Light Review Panel Meeting Meeting Minutes

on is putting chargers on power poles. This is a great opportunity to use our right of way to increase charging infrastructure.

### **SCL Reports**

#### Q1 Financials

Kirsty presented. Highlights are in the review panel packet. Thus far in 2021, the financials are at or better than planned.

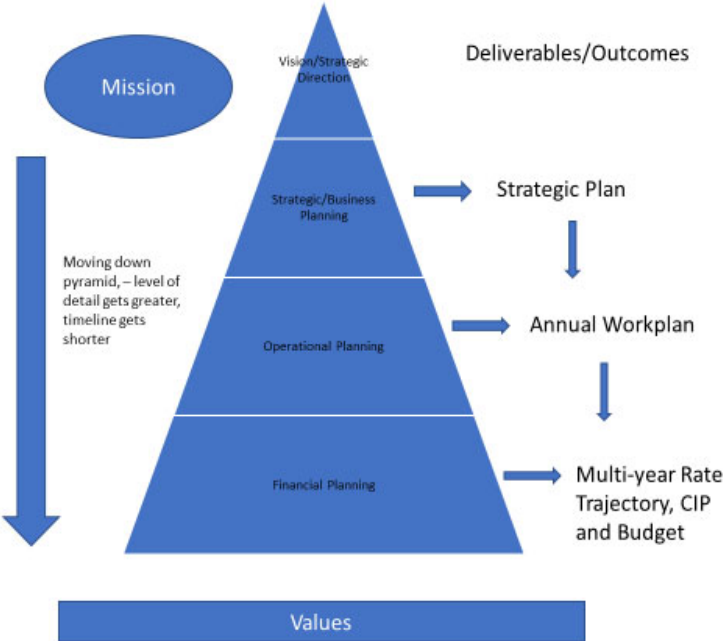
Executive Dashboard - Angela Bertrand presented the new SCL Executive Dashboard.

- Earlier this year, we completely re-did the executive team performance metrics. They launched in February and we are taking a very iterative approach, so they change each month.
- The report is organized by our organizational values.
- These are put together with the executive team in mind as an audience. We will share with you quarterly and know that the intent is to support the execs and respond to their feedback.
- Eventually this will be connected to our We Power dashboard initiative – one of the strategic plan priorities – we are working towards creating specialized automated reports for each director.

**Adjourn:** Meeting adjourned at 10:57 AM

**Next meeting:** September 22, 2021.

# 2023 – 2028 Comprehensive Strategic and Budget Planning



- Strategic/Business Planning**
- Business Strategies - Broad, multi-year goals that move us towards our Vision. Business Strategies must have a stated objective.
    - Projects, initiatives and activities (PIA) that advance the business strategy and drive the allocation of resources through the financial planning process
      - Goal or success criteria – How we will measure our progress and/or success. Should be identified at both the Business Strategy and PIA level.
- Operational Planning**
- Who
  - What (specific)
  - When
  - Required resources

## Proposed Review Panel Schedule

| <b>Month</b>    | <b>Planning Topics</b>   |
|-----------------|--|
| <b>October</b>  | Review comprehensive planning schedule   |
| <b>November</b> | <ol style="list-style-type: none"> <li>1. Review 2022 – 2026 Strategic Plan               <ol style="list-style-type: none"> <li>a. Priorities</li> <li>b. Projects/initiatives/ Activities (PIAs)</li> </ol> </li> <li>2. Gather initial input from RP</li> </ol> |
| <b>December</b> | <ol style="list-style-type: none"> <li>1. Discuss proposed PIA changes (from SCL Leadership Team workshop)</li> <li>2. Review 2022 – 2026 reporting format</li> <li>3. Discuss RSJ Equity Impact analysis</li> </ol>   |
| <b>January</b>  | <ol style="list-style-type: none"> <li>1. Review final PIAs</li> <li>2. Load forecast assumptions</li> <li>3. Draft revenue requirement</li> <li>4. Draft rate path</li> <li>5. CIP prioritization presentation</li> </ol>   |
| <b>February</b> | Outreach plan presentation   |
| <b>March</b>    | Review draft 2023 – 2028 Strategic Plan  |
| <b>April</b>    | <ol style="list-style-type: none"> <li>1. Final revenue requirement</li> <li>2. Final rate path</li> <li>3. Outreach report</li> <li>4. Draft letter</li> <li>5. Q1 2022 SP progress report</li> </ol>   |
| <b>May</b>      | <ol style="list-style-type: none"> <li>1. Review final plan</li> <li>2. Finalize Review Panel letter</li> </ol>  |

## Several Western power providers announce plans to explore market options

**Denver (October 5, 2021)** --Several electric providers that serve millions of customers in the Western United States announced plans today to evaluate regional market solutions together.

Members of the informal Western Markets Exploratory Group (WMEG) are exploring the potential for a staged approach to new market services, including day-ahead energy sales, transmission system expansion, and other power supply and grid solutions consistent with existing state regulations. The group hopes to identify market solutions that can help achieve carbon reduction goals while supporting reliable, affordable service for customers.

The group, which began discussions this summer, includes Xcel Energy-Colorado (PSCo), Arizona Public Service, Black Hills Energy, Idaho Power, NV Energy, Inc., PacifiCorp, Platte River Power Authority, Portland General Electric, Puget Sound Energy, Salt River Project, Seattle City Light, and Tucson Electric Power.

Discussions are in the early stages and are focused on developing long-term solutions to improve market efficiencies in the West. That includes incorporating lessons learned from existing regional markets as well as other efforts across the West.

“We are excited to join with the other companies to explore creating new ways of sharing resources to better serve our customers with affordable and reliable power, said Alice Jackson, president of Xcel Energy-Colorado. “We believe that a Western energy market is key to transforming the electricity system throughout the West, integrating more renewables onto the system, while reducing costs and maintaining reliability.”

“Today’s announcement represents the next step toward achieving Nevada’s vision for a clean energy economy,” said Doug Cannon, NV Energy president and chief executive officer. “By exploring opportunities to greater diversify and maximize Western energy resources, we will help bring cost savings, improved reliability and carbon reduction benefits to not only Nevada, but to the entire region.”

“PacifiCorp has long believed that further connecting the West with new transmission, clean energy resources and market efficiencies will unlock greater savings, reliability and improved environmental outcomes for our customers across the six states we proudly serve.” said Stefan Bird, President and CEO of Pacific Power, a unit of PacifiCorp. “Partnering with our neighboring electricity providers and exploring potential models to deliver on that promise is something we are excited to be a part of.”

Many of the companies in the group are currently participating in, or preparing to join the California Independent System Operator's Western Energy Imbalance Market, or have announced plans to evaluate energy imbalance services. WMEG's discussions will not impact participation in or evaluation of those markets in the short-term, as the group is focused on long-term market solutions.

###

### **About Xcel Energy**

Xcel Energy (NASDAQ: XEL) provides the energy that powers millions of homes and businesses across eight Western and Midwestern states. Headquartered in Minneapolis, the company is an industry leader in responsibly reducing carbon emissions and producing and delivering clean energy solutions from a variety of renewable sources at competitive prices. For more information, visit [xcelenergy.com](http://xcelenergy.com) or follow us on [Twitter](#) and [Facebook](#).

**Media contact:** Julie Borgen, [Julie.A.Borgen@xcelenergy.com](mailto:Julie.A.Borgen@xcelenergy.com), 612-201-6163

### **About Arizona Public Service**

[APS](#) serves more than 1.3 million homes and businesses in 11 of Arizona's 15 counties, and is a leader in delivering affordable, clean, and reliable energy in the Southwest. The company is committed to serving customers with 100% clean power by 2050. As owner and operator of [Palo Verde Generating Station](#), the nation's largest producer of carbon-free electricity, and with one of the country's most substantial renewable energy portfolios, APS's current energy mix is 50% clean. With headquarters in Phoenix, APS is the principal subsidiary of [Pinnacle West Capital Corp.](#) (NYSE: PNW)

**Media contact:** Yessica del Rincon, [Yessica.DelRincon@aps.com](mailto:Yessica.DelRincon@aps.com), 480-209-8513

### **About Black Hills Corp.**

Black Hills Corp. (NYSE: BKH) is a customer focused, growth-oriented utility company with a tradition of improving life with energy and a vision to be the energy partner of choice. Based in Rapid City, South Dakota, the company serves 1.3 million natural gas and electric utility customers in eight states: Arkansas, Colorado, Iowa, Kansas, Montana, Nebraska, South Dakota and Wyoming. More information is available at [www.blackhillscorp.com](http://www.blackhillscorp.com).

**Media contact:** Theresa Donnelly, [Theresa.Donnelly@blackhillscorp.com](mailto:Theresa.Donnelly@blackhillscorp.com), 303-566-3496

### **About Idaho Power**

Idaho Power, headquartered in vibrant and fast-growing Boise, Idaho, has been a locally operated energy company since 1916. Today, it serves a 24,000-square-mile area in Idaho and Oregon. The company's goal to provide 100% clean energy by 2045 builds on its long history as a clean-energy leader that provides reliable service at affordable prices. With 17 low-cost hydroelectric projects at the core of its diverse

energy mix, Idaho Power's residential, business and agricultural customers pay among the nation's lowest prices for electricity. Its 2,000 employees proudly serve more than 595,000 customers with a culture of safety first, integrity always and respect for all.

IDACORP Inc. (NYSE: IDA), Idaho Power's independent publicly traded parent company, is also headquartered in Boise, Idaho. To learn more, visit [idahopower.com](http://idahopower.com) or [idacorpinc.com](http://idacorpinc.com).

**Media contact:** Brad Bowlin, [bbowlin@idahopower.com](mailto:bbowlin@idahopower.com), 208-388-2803

### **About NV Energy**

NV Energy provides a wide range of energy services to more than 1.5 million customers throughout Nevada and a typical tourist population of 54 million annually. NV Energy, Inc. is a holding company whose principal subsidiaries, Nevada Power Company and Sierra Pacific Power Company, do business as NV Energy. NV Energy is headquartered in Las Vegas, Nevada. Information about NV Energy is available on the company's website, [Twitter](#), [Facebook](#) and [YouTube](#) pages, which can be accessed via [nvenergy.com](http://nvenergy.com).

**Media contact:** Jennifer Schuricht, [jennifer.schuricht@nvenergy.com](mailto:jennifer.schuricht@nvenergy.com), 702-402-5241

### **About PacifiCorp**

Innovating to power a better future for the West, PacifiCorp operates the largest grid in the western United States, serving the growing energy needs of 2 million customers through 17,645 miles of transmission lines over a service area of 141,503 square miles. Our operating divisions are leaders in providing safe, reliable and sustainable low-cost power. Pacific Power serves 815,823 customers in Oregon, Washington and California. Rocky Mountain Power serves 1,232,717 customers in Utah, Idaho and Wyoming.

**Media contact:** Tom Gauntt, [Tom.Gauntt@pacificorp.com](mailto:Tom.Gauntt@pacificorp.com), 503-813-6018

### **About Platte River Power Authority**

Platte River Power Authority is a not-for-profit, community-owned public power utility that generates and delivers safe, reliable, environmentally responsible and financially sustainable energy and services to Estes Park, Fort Collins, Longmont and Loveland, Colorado, for delivery to their utility customers. For more information, visit [prpa.org](http://prpa.org).

**Media contact:** Steve Rolstad, [RoalstadS@prpa.org](mailto:RoalstadS@prpa.org), 970-229-5311

### **About Portland General Electric #**

Portland General Electric (NYSE: POR) is a fully integrated energy company based in Portland, Oregon, with operations across the state. The company serves approximately 900,000 customers with a service area population of 2 million Oregonians in 51 cities. PGE owns 16 generation plants across Oregon and other Northwestern states and

maintains and operates 14 public parks and recreation areas. For over 130 years, PGE has delivered safe, affordable and reliable energy to Oregonians. Together with its customers, PGE has the No. 1 voluntary renewable energy program in the U.S. PGE and its 3,000 employees are working with customers to build a clean energy future. In 2020, PGE, employees, retirees and the PGE Foundation donated \$5.6 million and volunteered 18,200 hours with more than 400 nonprofits across Oregon. For more information visit [www.PortlandGeneral.com/news](http://www.PortlandGeneral.com/news).

**Media contact:** Brianne Hyder, [pgecommunications@pgn.com](mailto:pgecommunications@pgn.com), 503-464-2067

### **About Puget Sound Energy (PSE)**

Puget Sound Energy is proud to serve its neighbors and communities in 10 Washington counties. PSE is the state's largest utility, supporting 1.2 million electric customers and nearly 900,000 natural gas customers. The company aspires to be a beyond net zero carbon energy company by 2045. For more about PSE, visit [pse.com](http://pse.com) or follow on [Facebook](#) and [Twitter](#).

**Media contact:** Melanie Coon, [PSENewsroom@pse.com](mailto:PSENewsroom@pse.com)

### **About Salt River Project (SRP)**

SRP is a community-based, not-for-profit public power utility and the largest provider of electricity in the greater Phoenix metropolitan area, serving more than 1 million customers. SRP is also the metropolitan area's largest supplier of water, delivering about 750,000 acre-feet annually to municipal, urban and agricultural water users.

**Media contact:** Scott Harelson, [Scott.Harelson@srpnet.com](mailto:Scott.Harelson@srpnet.com)

### **About Seattle City Light**

[Seattle City Light](#), one of the nation's largest publicly owned utilities, generates and delivers affordable, reliable and environmentally responsible power to the homes, businesses, and communities we serve. We provide carbon-neutral electricity, generated primarily from carbon-free hydropower, to over 900,000 residents in Seattle and the surrounding areas.

**Media contact:** Julie Moore, [julie.moore@seattle.gov](mailto:julie.moore@seattle.gov), 206-386-4233

### **About Tucson Electric Power**

TEP provides safe, reliable electric service to more than 433,000 customers in Southern Arizona. For more information, visit [tep.com](http://tep.com). TEP and its parent company, UNS Energy, are subsidiaries of Fortis Inc. (TSX/NYSE: FTS), which owns utilities that serve more than 3 million customers across Canada and in the United States and the Caribbean. For more information, visit [fortisinc.com](http://fortisinc.com).

**Media contact:** Joe Salkowski, [jsalkowski@uns.com](mailto:jsalkowski@uns.com), 520-404-3164



# September 2021

## Electrification & Strategic Technology



**Seattle City Light**

WE POWER SEATTLE

# Contents

---

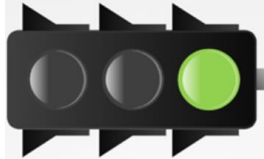
- + Division Status Dashboard
- + Key Accomplishments
- + HR Management
- + Key Activities Planned for October 2021



# Division Status Dashboard

---

## 1. Key Activity Management



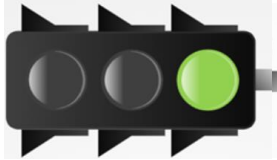
On track

## 2. Budget Management



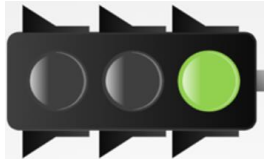
On Track.

## 3. Contracts & Agreement Management



On Track. Major On-call Contract RFQ Issued.

## 4. HR Management



On-track. Several active hiring processes.



- + Preparation for October **Lightfair International** conference
- + Attended **C40 Finance Academy** on Building Efficiency and Electrification for Under-resourced buildings and presented at **EPRI Advanced Building** session
- + Multiple Building Electrification Webinar Sessions hosted:
  - “Why” for Heat Pump Water Heaters(**9/15**); “How” for Heat Pump Water Heaters (**9/16**); 2018 Energy Code Series: Lighting & Electrical (**9/21**); 2018 Energy Code Series: HVAC (**9/28**)
- + **Outreach**: 3 newsletters released; continued outreach on 2018 Energy Code and Commercial Heat Pump Water Heating Series; cross-promotion with Smart Buildings Center
- + Worked with City Light Facilities to support SMT Reimagine Workspace effort. Staff completed SEPA DER Training.



# Sept 2021 – Transportation Electrification

---

## + Personal Mobility

- Personal Mobility Opportunity study signed, finalized by all parties.
- Completed construction of **Burien** EV fast-charging station. Chargers for **Shoreline** fast-charging station delivered, construction to start by 10/20.
- **Belltown fast-charging site:** Grant agreement executed with WA Department of Commerce. CARES intake form signed by EST & CES leadership and approved by CARES Committee.

## + Food Truck Power Pedestal

- Successful Parks Proview presentation on 9/28. Interdepartmental Agreement drafted and being reviewed by Parks.

## + Outreach

- ECOSS and Africatown hosted a Data and Research workshop as part of their training series.



# Sept 2021 – Transportation Electrification cont'd.

---

## + Fleets/Corridor

- **Fleet Electrification Program RFQ** approved by City Light GM, scheduled for release to the market on October 8th.
- **ICCT Zero-Emission Drayage Truck Deployment Strategy** kicked off with an in-person meeting at SMT attended by City Light, OSE, and SDOT.
- **UPS/Kenworth Seattle MW-scale class-8 wireless charging pilot:** 30% drawings completed and City Light has provided feedback.



## + Transit

- **KC Metro South Base Test Charging facility** construction continues but their schedule has been impacted due to equipment and material delivery delays. KC Metro is targeting mid-November for the facility to be operational.
- Met with Seattle Public Schools and First Student to discuss **school bus electrification.**



# Sept 2021 – Waterfront Electrification

---

## + Seattle Waterfront Clean Energy Strategy

- Fully executed three-party NDA.
- Finalized Partnering Agreement Language.

## + Washington State Ferry & Fauntleroy Ferry Terminal

- Submitted Business Case for Marine Transportation Electrification / WSF Colman Dock.
- Working on WSF Colman Electrification Project Charter.

## + Pier 66 / Terminal 46

- Initiated scope for Port P66 Shore Power System Tie.
- Provided recommendation for submarine cable ownership.

## + Network Microgrids Study

- PNNL drafted 1<sup>st</sup> year presentation and year 2 info request.





# Sept 2021 – Grid Modernization

---

## + Dashboard updated with individual project statuses:

- [Grid Mod Project Dashboard Link](#)

## + Grid Mod Roadmap Update (with EPRI)

- Draft for Phase 1 Report has been reviewed; EPRI responding to City Light comments.

## + Distribution Automation (DA)

- University fiber loop completed, and all switches connected to fiber. Creston fiber equipment purchase requests approved.
- DA maintenance scheduled to begin by early December.



Seattle City Light

2021 Grid Modernization Plan  
and Roadmap



**Authors**—Grid Modernization Team  
Uzma Siddiqi, PE; Mike Dozier, PE; Ryan Pham, PE; Eli Smith, EIT  
Electrification and Strategic Technology Division  
Energy Innovation and Resources Business Unit  
Seattle City Light

April 2021



# Aug 2021 – Grid Modernization cont'd.

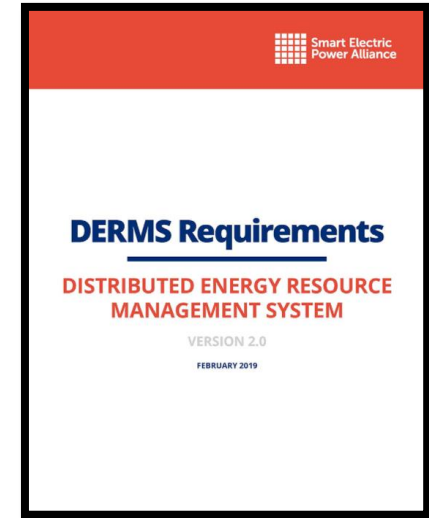
---

## + SEPA Distributed Energy Resource Management System (DERMS) Task Force

- September task force meeting focused on review of DER Device Management and DER Visualization and Analysis modules.

## + Line-Sensor

- SOC reviewing tentative list of locations for pilot project..



# Utility Next –Grant Opportunities

---

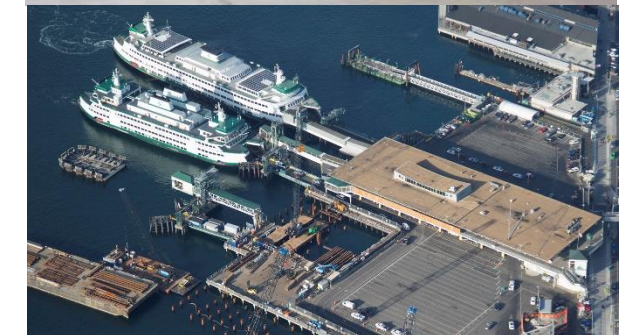
+ SCL has been conditionally awarded four grants (contingent pending contract negotiation)

- WA Department of Commerce has indicated a delay in contracting process. Expect one of our four awards to move forward in 2021 with the remainder to be negotiated in early 2022.

+ DOE “Hydrogen Earthshot” RFI

- WA Maritime Blue convening a group of organizations to review potential projects. Discussing with multiple stakeholders for potential submission.

+ DOE announcement of Connected Communities Awards delayed, hope to hear back in October.



# Sept 2021 – HR Management

---

|                    | 2021 |    |    |    | 2022 |
|--------------------|------|----|----|----|------|
|                    | Q1   | Q2 | Q3 | Q4 | Q1   |
| # of Pockets       | 22   | 22 | 23 |    |      |
| # of Incumbents    | 19   | 19 | 18 |    |      |
| Hiring In Progress | 1    | 1  | 2  |    |      |
| New Hires          | 1    | 1  | 1  |    |      |
| Vacancies          | 3    | 3  | 5  |    |      |

- + Hiring in-process or posted for:
  - CPC , Sr. (Transportation Elec)
  - EPSE Prin (Grid Mod)
  - Elec Engr, Asst I (Grid Mod)

# Key Activities for October 2021

---

- + 2-Day Course presented at **Lightfair International** conference
- + **Lighting Controls** presentation for King County Facilities.
- + Construction expected to start on **Shoreline** fast-charging site.
- + Draft and negotiate Pier 66 Shore Power MOA with Port of Seattle. Execute of Seattle Waterfront Clean Energy Strategy Partnering Agreement.
- + **Miller Community Center Microgrid** finishes final testing and officially goes live.
- + **EPRI Electrification Assessment** finalized.

# THANK YOU

---



**Seattle City Light**

# Mission, Vision & Values

---

## Mission

Seattle City Light provides our customers with affordable, reliable and environmentally responsible energy services.

## Vision

Create a shared energy future by partnering with our customers to meet their energy needs in whatever way they choose.

## Values



**Customers First**



**Environmental Stewardship**



**Equitable Community Connections**



**Operational and Financial Excellence**



**Safe and Engaged Employees**



**Seattle City Light**

WE POWER SEATTLE