ERS Implementation Status Reporting Tool 10/13/2017

√ check denotes actions the City continues to do

What the ERS recommended **Brackets refer to 2011 potential actions matrix**	What the ERS intended	What has been the city role? **How are we organized to respond?** **Current Status (2017)**	Additional steps which could be taken to complete the recommendation. Should the Council identify resources to:
Joint Reliability Workshops [1.0 – 1.5] Conduct an annual reliability workshop with PSE in order to accomplish review of: • Circuit reliability metrics (SAIDI/SAIFI) • Individual circuit performance • Equipment reliability improvement projects • Maintenance and inspection programs • Improvements to increase redundancy • Automation/smart grid improvements	PSE already submits reliability reports under the Franchise Agreement. This proactively monitors progress and the extent of those programs focused on improved reliability of the power distribution system serving the city.	√ The workshop has now been held six times (2012-2017) with report deliverable and presentation to staff and stakeholder observers. September 2017 presentation and documentation are online. √ The next workshop is September 2018. √ Pay for technical capacity expertise (FTE, LTE, on-call) in electrical systems and engineering to critique, monitor and assess technical data presented for the workshop. Exponent contracted 2016 and 2017.	• Adopt the amended and restated MOU regarding electrical system performance, reliability and reporting, which includes continuing to hold the annual reliability workshop? • Pay for technical capacity expertise (FTE, LTE, on-call) in electrical systems and engineering to critique, monitor and assess technical data presented for the workshop? The city spent $7K for on-call monitoring for each of the first two years of reliability workshop reporting. • Amend the data identified in the workshop presentations to include agreed-upon action items? • ***Stakeholder feedback:*** Amend the data identified in the workshop presentations to include agreed-upon action items, sent out to stakeholders for feedback first.
Smart Grid [1.6] Review the overall PSE plan for its Smart Grid technology projects and determine city level of support for the various customer initiatives. Work with PSE to develop a Bellevue deployment plan consistent with PSE obligations.	City reviews the overall PSE plan to determine support for various customer initiatives that would be appropriate for the City to provide.	√ City staff reviews this during the annual Joint reliability workshop. √ Identifies opportunities through existing PSE partnerships (see Energy Efficiency).	• *Stakeholder feedback:* Pay for technical capacity expertise in smart grid technology to critique, monitor and assess technical data; contract with someone like Jesse Berst (BT resident, original ERS stakeholder and Smart Cities Council author+)?
Joint Planning Meeting [2] Engage in a formal annual planning process to prepare for future projects. Discuss growth projections, anticipated changes in amount of load or distribution, projects on the horizon requiring special capacity and attention from City.	Enhance the role of the city as informed stakeholder; ensure a highly reliable system is built and maintained; enhance the relationship between PSE and the City; improve transparency of PSE operations.	√ The next meeting is 1Q 2018. The city bought outside expertise specifically for on-call follow up in 2012, 2013, 2016 and 2017, and with the ITA in 2015.	• Adopt the amended and restated MOU regarding electrical system performance, reliability and reporting, which includes continuing to hold the annual joint planning workshop? • Pay for technical capacity expertise (FTE, LTE, on-call) in electrical systems and engineering to critique, monitor and assess technical data presented for the meeting?

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Integrated Resource Plan [3] **City interface with WUTC [9.0 – 9.3]** Remain active in IRP process and understand long-term impacts of this strategy.	Advocate for positions that support City goals; comment and participate in various programs submitted to WUTC by PSE where PSE is seeking advisory input from stakeholders.	√ The city lobbyist monitors electric and energy matters at the Legislature (2017 session), with support from IGR and PCD, and works with specified legislators to advance the city's 2017 legislative agenda. √ City staff attend biennial IRP Advisory Group meetings to provide comment to 2017 IRP. The Draft IRP was issued 9-12-17 and the current IRPAG process is concluded.	• Pay for legal or policy capacity (FTE, LTE, on-call) to critique, monitor and assess legislative and regulatory proposals and data? • Establish a bigger legislative agenda around electricity and include formal liaison and Commission roles? • *Stakeholder feedback:* Does [the city] currently have staff who have the expertise to accomplish?
Vegetation Management [4] Consider adopting vegetation management policies which result in more appropriate vegetation/ screening, especially around substations.	This is a risk management strategy to reduce the possibility of outages resulting from tree-related and storm-related incidents.	√ Will be addressed in a future Land Use Code Amendment work program.	

Community Communication [5]
Emergency Operations [6]
Develop formal process and procedures related to response and support activities during emergencies.
 	
Establish meetings between PSE and City OEM staffs to understand the capabilities of the new OMS.
	Monitor PSE's progress on its system modernization and smart grid efforts.	√ Proactive communication around coordinating emergency response protocols and supporting PSE's community communication efforts.
		
		√ City emergency operations and PSE staffs developed pre-event coordination model for forecasted storms events. PSE staff are assigned to the Redmond storm base during storm events. PSE staff are linked to dedicated city personnel staffing the EOC.
		
		√ OEM meets monthly with PSE reps through Zone 1 Emergency Management Group and Emergency Management Advisory
			• Adopt the amended and restated MOU regarding electrical system performance, reliability and reporting, including:
			  ○ Improved communication during outages to include more than a referral web site; more timely information and publicity around access to how to get information (e.g. text capability) and responses to vulnerable people
			  ○ Prepare outage reports to public after events to include response times, challenging problem areas identified, and safety rationales?
			• *Stakeholder feedback:* Adopt the amended and restated MOU regarding electrical system performance, reliability and reporting, including:
			  ○ In addition to the above, include real-time updated outage restoration times and include a plan to "do better" in the future.

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		Committee (EMAC)/Region 6 Homeland Security Council. √ City public information officers and PSE integrated communications structure with City Incident Command structure.	
Energy Efficiency [7] Lead the energy efficiency effort to assist PSE in reaching its long-term electric energy usage goals to help ensure adequate electric power supply during peak power periods for the City	Work in partnership with PSE in reaching its long-term electric energy usage goals to help ensure adequate electric power supply during peak power periods for the City.	The city's environmental stewardship efforts are documented in the ESI Strategic Plan 2013-2018. In partnership with PSE: √ Bellevue hired a resource conservation manager to help reduce municipal water and electricity usage √ Bellevue is pursuing the Georgetown University Energy Prize √ Implements Solarize Bellevue and a streamlined process for permitting small-scale solar √ Owns and operates 22 EV charging stations √ Included energy efficiency measures at 2015-2012 CIP pump station projects √ Ongoing replacing traffic signal and street lighting with LED √ Working on a downtown building district for high efficiency commercial buildings through *Bellevue Urban Smart*.	• *Stakeholder feedback:* Pay for technical capacity…in Energy Efficiency…currently no one on staff who can provide what is suggested.
Conversions of distribution lines from overhead to Underground [8] Seek opportunities to work in the direction of future undergrounding of existing overhead distribution lines.	Investigate opportunities for undergrounding distribution through coordination of multiple utility projects...develop strategies increasing opportunities to convert overhead to underground.	√ Amended Comp Plan policies regarding funding including encouraging LIDs by neighborhood request. Provided enhanced Comp Plan policy guidance separating telecom from electrical pole issues.	• Implement Comp Plan language with a program to engage interested neighborhoods who would like to make a proposal. • Should the city pay for program to underground citywide, informed by studying the best practices of other jurisdictions? A necessary cost-benefit analysis should include a variety of

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		√ Continue to implement city authority in street CIP projects by analyzing projects using the Franchise Agreement and tariff schedules 73 and 74; and the CIP.	items including the potential for cost savings from reduced tree management. • *Stakeholder feedback:* Form public/private partnership?