



RIVERSIDE PUBLIC UTILITIES 2021 PHYSICAL SECURITY PLAN

Riverside Public Utilities

Board of Public Utilities
September 27, 2021

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BACKGROUND

1. A rifle attack occurred on PG&E Metcalf Sub-transmission Substation in 2013
 - a) The attack resulted in damage to 17 transformers and repair costs totaling over \$15M
2. SB-699 (Jerry Hill) amended the Public Utilities Code and requires the California Public Utilities Commission (CPUC) to develop rules for addressing the physical security risks to the distribution systems

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BACKGROUND

3. In response to Senate Bill (SB-699), CPUC issued Decision 19-01-018 requiring both investor-owned utilities and publicly-owned utilities to develop and implement plans to mitigate physical attacks on certain electrical distribution systems
4. RPU prepared a utility security plan to be in compliance with CPUC D.19-01-018

DISCUSSION

1. The Plan evaluates RPU's electrical distribution system against seven screening factors to determine if there are high priority facilities with regional implications
2. Based on these screening criteria, four substations are identified and are included in the plan
3. The decision requires a qualified third-party to conduct an independent review of RPU's Plan
4. RPU selected AESI-US Inc. as its third-party reviewer

DISCUSSION

5. AESI completed a comprehensive review of this Plan, including a review of the risk assessment principles and mitigation strategies
6. AESI found the Plan to be comprehensive and satisfies the CPUC Decision requirements
7. To include the local perspective and expertise, RPU sought the review of the Riverside Police Department (RPD), as a qualified authority to provide an additional level of review
8. RPU collaborates with RPD on public safety matters, and based on their review, RPD found the draft Plan to be adequate.



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DISCUSSION

9. The risk assessment conducted for the four covered substations does not indicate any case of high risk requiring implementing a capital improvement project to correct a significant deficiency of the physical security in these facilities.
10. There are some mid-risk type conditions that will be improved to reduce the risk, such as improving the lighting system in some areas inside the substations, installing additional cameras, and improving vegetation management.



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STRATEGIC PLAN ALIGNMENT

This item contributes to Strategic Priority No. 6 Infrastructure, Mobility and Connectivity and the following goal:

Goal 6.2 – Maintain, protect, and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

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STRATEGIC PLAN ALIGNMENT

This item aligns with EACH of the five Cross-Cutting:

1. **Community Trust** – Compliance with state regulations is part of our organization's duties to the community. By complying with Senate Bill 699, we reinforce and improve the security of the city's critical infrastructure that serves and benefits the community.
2. **Equity** – The physical security plan evaluated the entire electrical distribution system that serves the City of Riverside community to ensure key assets are safeguarded in an equitable manner.
3. **Fiscal Responsibility** – RPU issues this physical security report to reflect its existing commitment to safety and to protecting its ratepayers' investment by taking reasonable and cost-effective measures to safeguard key assets of its distribution system.
4. **Innovation** – RPU is committed to identifying creative solutions to meet the needs of our community members effectively and efficiently by providing innovative ways to protect and secure critical infrastructure.
5. **Sustainability & Resiliency** – RPU continues to improve the security posture of its facilities to ensure its critical infrastructure is sustainably managed and resilient to threats. Efforts to upgrade and improve the security of substations began prior to the CPUC decision.

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RECOMMENDATION

That the Board of Public Utilities recommend that the City Council:

1. Approve and adopt the Riverside Public Utilities 2021 Physical Security Plan pursuant to Senate Bill 699; and
2. Authorize the City Manager, or his designee, to file with the California Public Utilities Commission a written Notice of Adoption of Final Security Plan.