# Washington 2014 Addendum

## PacifiCorp 2014 Smart Grid Report Index

PacifiCorp’s Smart Grid department is pleased to submit the annual smart grid report for review as required by Washington Administrative Code 480-100-505(3)(a). Requirements and their location in the report are listed below.

### Report Requirement Table

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirement** | | **Subject** | **Page** |
| A description of the smart grid technologies considered and the utility’s evaluation | | Components of the Smart Grid  Smart Grid Related Projects and Programs  Smart Grid Financial Summary | 11-36  37-52  Attachment A |
|  | Goal or purpose of the smart grid technologies | Smart Grid Strategies, Objectives and Goals  Components of the Smart Grid | 5-6  11-36 |
|  | Total Costs | Smart Grid Financial Summary | Attachment A |
|  | Cost-effectiveness | Smart Grid Financial Summary | Attachment A |
|  | Operational savings | Smart Grid Financial Summary | Attachment A |
|  | Effects on system capability to meet or modify energy or peak loads | PacifiCorp Peak Demand | 18-21 |
|  | Effects on service reliability | Distribution Management System | 22-33 |
|  | Effects on integration of new utility loads (e.g., EVs, V2G) | Electric Vehicles | 59-61 |
|  | Cyber and physical security (utility operational information) | Security | 54-55 |
|  | Cyber and physical security (customer information) | Security | 54-55 |
|  | Interoperability and upgradability | Interoperability Standards | 53-54 |
|  | Customer acceptance and behavioral response | Demand Response  Customer Communications and Programs | 17-18  51-52 |
|  | Tariff and rate design changes necessary | Regulatory Framework  Demand Response | 9-10  17-22 |
|  | Nonquantifiable societal benefits | Benefits and Savings | 62-63 |
|  | Economic considerations | Economic Review | 62-68 |
| Identification of any smart grid technologies that may be cost-effective and available | | Cost and Benefits Summary | 69 |
| A description of the utility’s plans and timeline for implementing any smart grid technologies | | Roadmap to the Smart Grid  Conclusion | 69-70  71 |
| Progress on any smart grid technologies scheduled for implementation | | Smart Grid Related Projects and Programs | 37-52 |