Southern California Edison
2022-WMPs – 2022 Wildfire Mitigation Plan Updates

DATA REQUEST SET C a l A d v o c a t e s - S C E - 2 0 2 2 W M P - 0 6

To: Cal Advocates
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Received Date: 3/2/2022

Response Date: 3/7/2022

Question 01. a-c:
On page (p.) 187 of SCE's 2022 WMP, SCE states, "SCE does not routinely track planned additions or removals by population density or WUI. While SCE has a number of planned distribution projects over the next few years, the projects are not far enough along in the project lifecycle to have a complete list of affected structures (new or existing), circuit path/route geometries, and/or geospatial coordinates. Therefore, SCE is unable to map the distribution projects in GIS and subdivide as requested." With that context:
a. Please explain, in detail, SCE's data-keeping process from conceptual design to final as-built submission of its planned additions or removals.
b. During construction of covered conductor and undergrounding projects, does SCE submit as-builts throughout the phases of the project?
c. If you respond yes to part (b), please explain why SCE is unable to input partial information into your GIS systems.

Response to Question 01. a-c:
a. Within Distribution, the conceptual or preliminary design begins within the respective planning organization that is responsible for generating the final work order maps that will ultimately be used by construction resources to complete the work in the field. During the planning stage, the potential structure(s) on the identified circuit(s) will be included as necessary to accommodate the desired outcome of the intent of the project. However, as the planning phase continues, those structures may or may not be included based upon field conditions and intent of the project. The design for these projects (preliminary design which is then later reclassified as final design) are housed within a CAD-based tool. An electronic file of the final work order maps for a project (typically in PDF form) is stored within SCE's internal records retention system (eDMRM) and utilized throughout the project life cycle, including being used by construction resources for completion in the field. Once the construction work is complete, the "as-built" information is conveyed to the appropriate organizations for updating of the asset information within SCE's systems (including SAP and SCE GeoView, a GIS-based facility mapping application) and closed out. SCE's mapping teams utilize the data stored in the CAD system for import into SCE GeoView during the closure process to assist with timely and accurate recording of changes to the circuit(s) and structure(s).

b. As work is completed in the field, there are requirements in place to submit necessary facility and mapping changes and necessary timing for those updates to be completed. There are many instances in which projects are divided into phases to assist with general project management

and each will follow the standard work order process through completion/closure. In most cases, those phases will be submitted for mapping inclusion into SCE systems upon completion but may also have dependencies on other phases that prevent proper and accurate recording until a time when the related work is completed in the field.

c. As described above, SCE's business processes determine when work completed in the field is imported into SCE's GIS systems. At the end of each quarter, SCE obtains data, available at the time, from various systems to construct its WMP-related geodatabase pursuant to Energy Safety's GIS Data Schema.