

Utility Vegetation Management Program

Agoura Hills Council Meeting

April 14, 2021

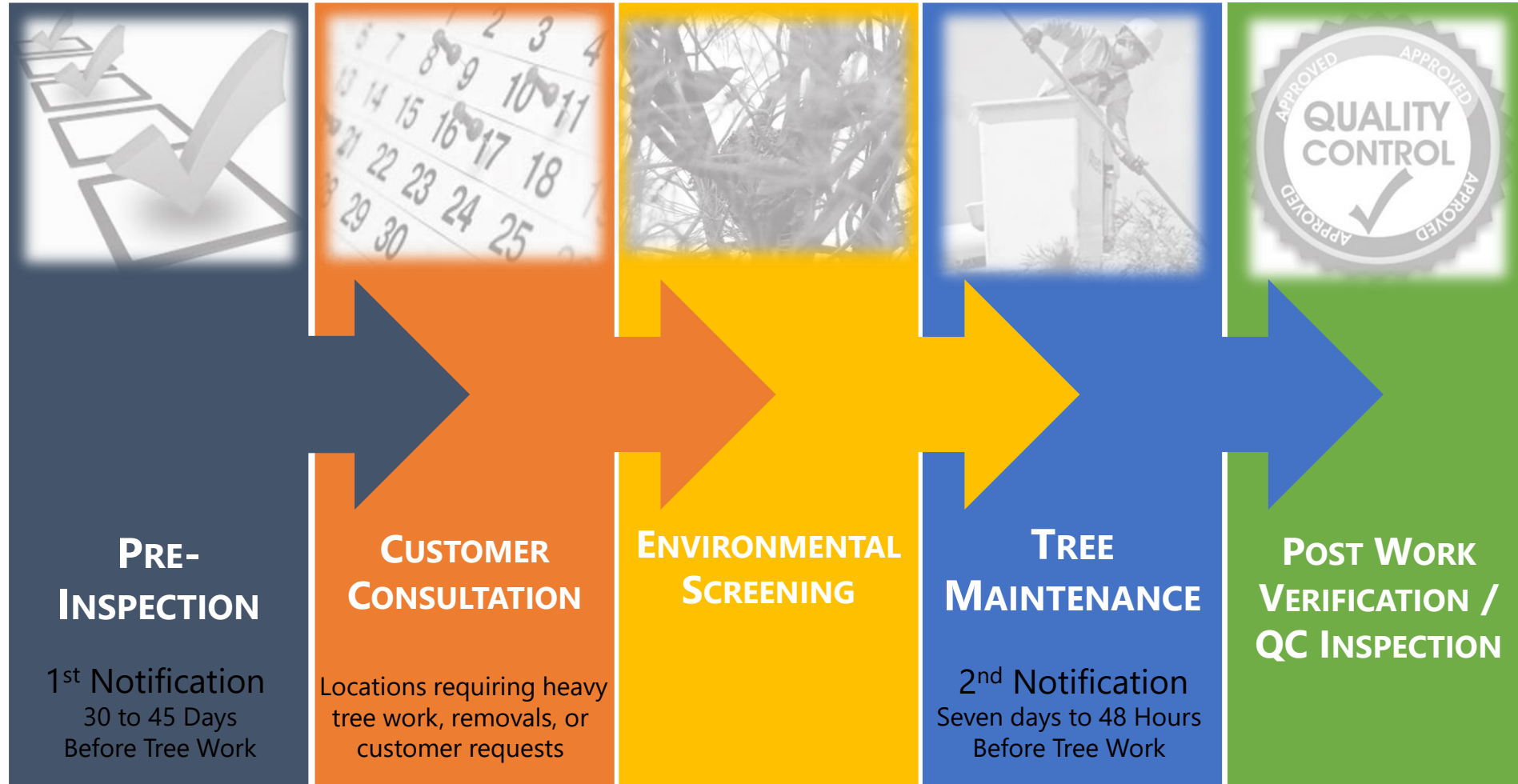
Energy for What's AheadSM



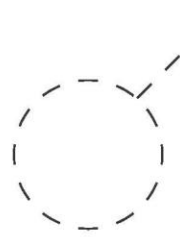
Vegetation Management Routine Process and Communication

SCE VM provides private property customers with two pre-work notifications when work is required on their privately owned tree(s).

- **Pre-Inspection**
 - First notification
- **Customer Consultation**
 - Physical contact/notification with our customer(s) is required when tree work will be heavier than past work
- **SCE Environmental Screening**
 - Environmental field support coordination (if required)
- **Scheduling**
 - Second Notification
- **Tree Crew Job Hazard Assessments**
 - Bird nest checks
 - Invasive insect checks
- **Tree Maintenance Completed**
- **Post-Work Verification / QC Inspection**



Examples of SCE's Advanced Notification of Vegetation Management Activities



Notice of Vegetation Activities

Insert Card

Maintaining vegetation near electrical equipment is necessary for public safety, fire prevention and facility access.

It has been determined that vegetation work will be required on your property. This service is at NO COST to you.

The following activities will be taking place on your property within ____ days

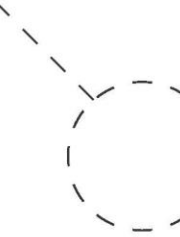
- Tree Trimming
- Tree Removal
- Other:

Comments: _____

Questions? Contact the SCE authorized agent below:

Name _____
Phone Number _____
Email Address _____

If necessary, please feel free to contact the corporate office of the authorized agent or SCE for verification.
Company Name _____
Company Contact Information _____



Notificación de Vegetación Actividades

Los árboles que crecen en las líneas eléctricas de alta tensión pueden causar interrupciones en su servicio eléctrico.

La poda de los árboles es necesaria para la seguridad y para evitar cortes de energía. SCE paga por este servicio. Si nadie va a estar en casa en la fecha prevista a continuación, por favor deje su puerta abierta y restringir los perros en su propiedad.

Se ha determinado que las siguientes actividades se llevarán a cabo en su propiedad dentro de ____ Días

- recorte de Arboles
- Remoción de árboles
- Otros: _____

Comentarios: _____

Si usted tiene alguna pregunta acerca de las actividades de vegetación que tienen lugar en su propiedad, por favor póngase en contacto con la SCE agente autorizado a continuación:

Nombre _____
Número Telefónico _____
Dirección De Correo Electrónico _____

Si es necesario, no dude en ponerse en contacto con la oficina corporativa del agente autorizado o SCE para su verificación.
Nombre De La Empresa _____
Información de la empresa Contacto _____



A utility arborist inspected your tree(s) and found the tree(s) to be **out of conformance** with the required and recommended separation. Southern California Edison **will remove your tree(s) to ground level** and dispose of all material at no cost to you. This removal is necessary to comply with the law and to ensure public safety.

This free service provided by Southern California Edison will also ensure that only approved qualified electrical tree trimmers perform this activity. Please note that California OSHA standards prohibit any unqualified person from working within 10 feet of a high voltage power line. (See 29 C.F.R. 1910.331-1910.335)

Note: If you are not the owner of the tree, please immediately provide this notice to the owner or contact us at the number provided.

Quantity: _____

Species: _____

DBH: _____

Location: _____

Please leave this signed authorization form at your front door and contact the Company representative below to arrange the removal of your tree(s). Thank you for your attention.

Address: _____

City: _____

Property Owner's Name: _____

Phone Number: _____

Property Owner's Signature: _____

Email Address: _____

Remarks: _____

Prepared By: _____

Phone Number: _____

Company Representative Signature: _____

Email Address: _____

Examples of SCE's Advanced Notification of Vegetation Management Activities



Customer Tree Inquiry

Findings/Action

Regarding your inquiry concerning trees in and around SCE power lines. The following condition(s) exists:

- Tree is clear of SCE primary lines
 - No action by SCE is needed
 - Tree has _____ clearance from SCE primary lines at this time of inspection

- Tree is in low-voltage power lines from pole-to-pole
 - Lines are insulated. No action by SCE is needed.
 - Tree will be scheduled for trimming within the next six months

- Tree is in pole-to-house service
 - Service is insulated. No action by SCE is needed.
 - Service will be scheduled for re-routing over/under limbs
 - Service may be scheduled for replacement

NOTE: Homeowner may request pole-to-house service be de-energized for private tree trimming by calling SCE phone number on electric bill.



- Tree is in cable TV/phone lines. Other lines _____
 - No action by SCE is needed

- SCE/contractor has determined tree trimming is required
 - Work has been given to a tree crew for completion within 24 hours
 - Work has been given to a tree crew for completion within _____ days

- SCE/contractor has determined tree removal is required
 - SCE/contractor will contact homeowner regarding scheduling

- Please have the homeowner/renter contact SCE/contractor to schedule tree trimming
- Please have the HOMEOWNER contact SCE/contractor to schedule tree removal

- Please leave the gates open/dogs secured for tree trimming within 24 hours

SCE routinely patrols power lines annually for tree interference

Tree trimming will only be scheduled when line interference is found

Pole # _____

Sorry We Missed You

To help maintain electric safety and reliability, we are performing weed abatement activities in your neighborhood.

We stopped by your house

Date: _____ **Time:** _____

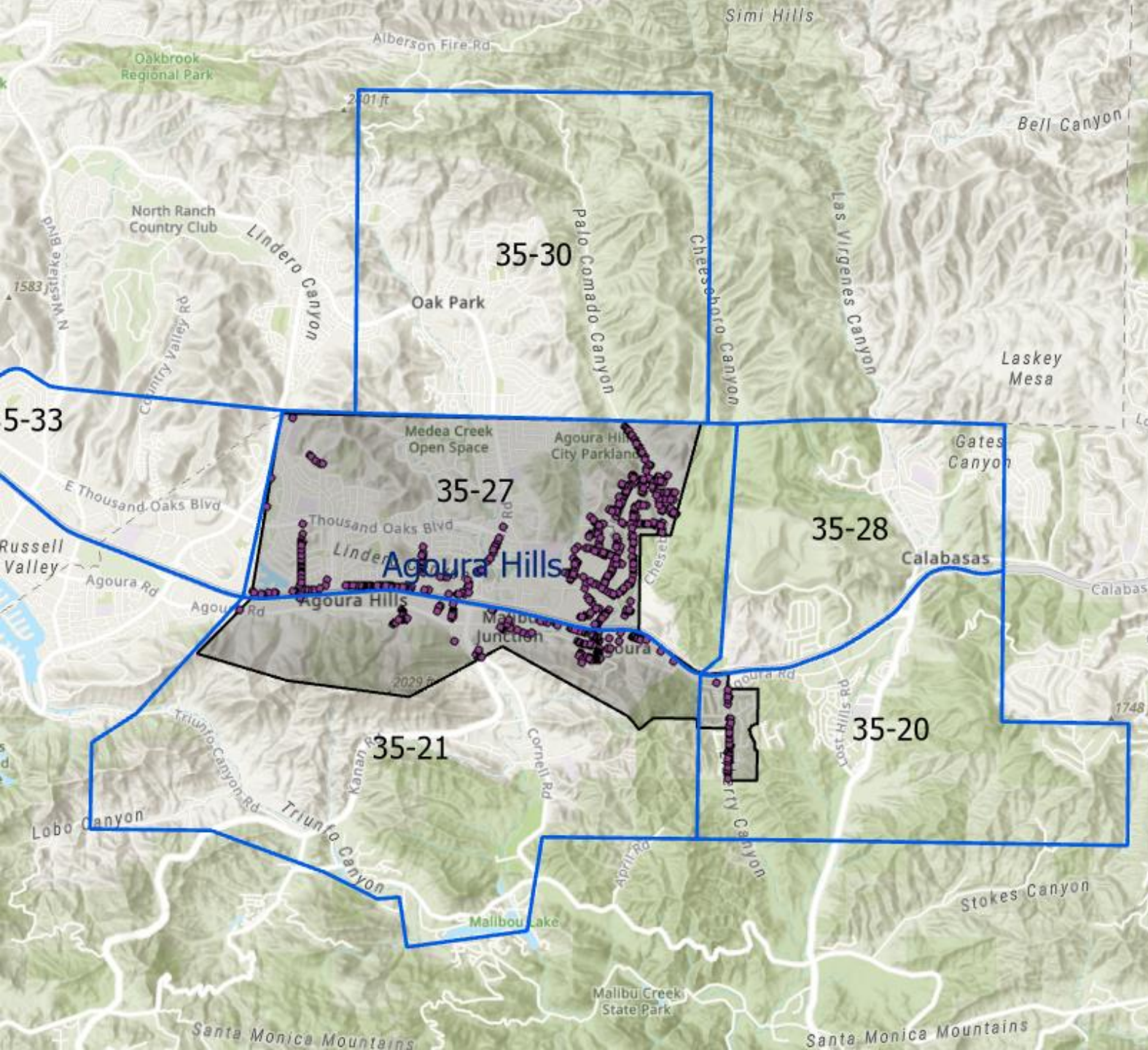
- We can't access the power pole. Please:
 - Unlock gate
 - Keep dog away during _____
- The pole at your property has been cleared. No further work is required.
- Other: _____

We will return on _____

If not convenient, please call us to reschedule

Phone: _____





VM Inventory within the City of Agoura Hills

Environmental Coordination



SCE Environmental Services Department assesses all ground disturbing and vegetation management activities for sensitive environmental resources. The assessments align with federal, state, and local compliance requirements which may include:

- Biological Resources
 - Listed and rare plants
 - Listed and sensitive animals
 - Birds and bird nests
 - Plant communities
- Waterways/Hydrology
 - Activities within drainages
 - Riparian vegetation
 - Road crossing when wet/off-road crossing
- Archaeological Resources
 - Archaeological sites or artifacts
 - Architectural structures
 - Engineered features
 - Places of cultural or religious importance
 - Fossils & paleontological resources
- Construction Stormwater Management
- Public Land Areas
- Local Coastal Plan Areas

Environmental Compliance for Edison Contractors

SCE's Environmental, Health, and Safety Policy (EHS Handbook for Contractors) mandates compliance with SCE programs, procedures, and standards, as well as applicable EHS laws and regulations.

SCE expects contractors to demonstrate continuous commitment to the environment by:

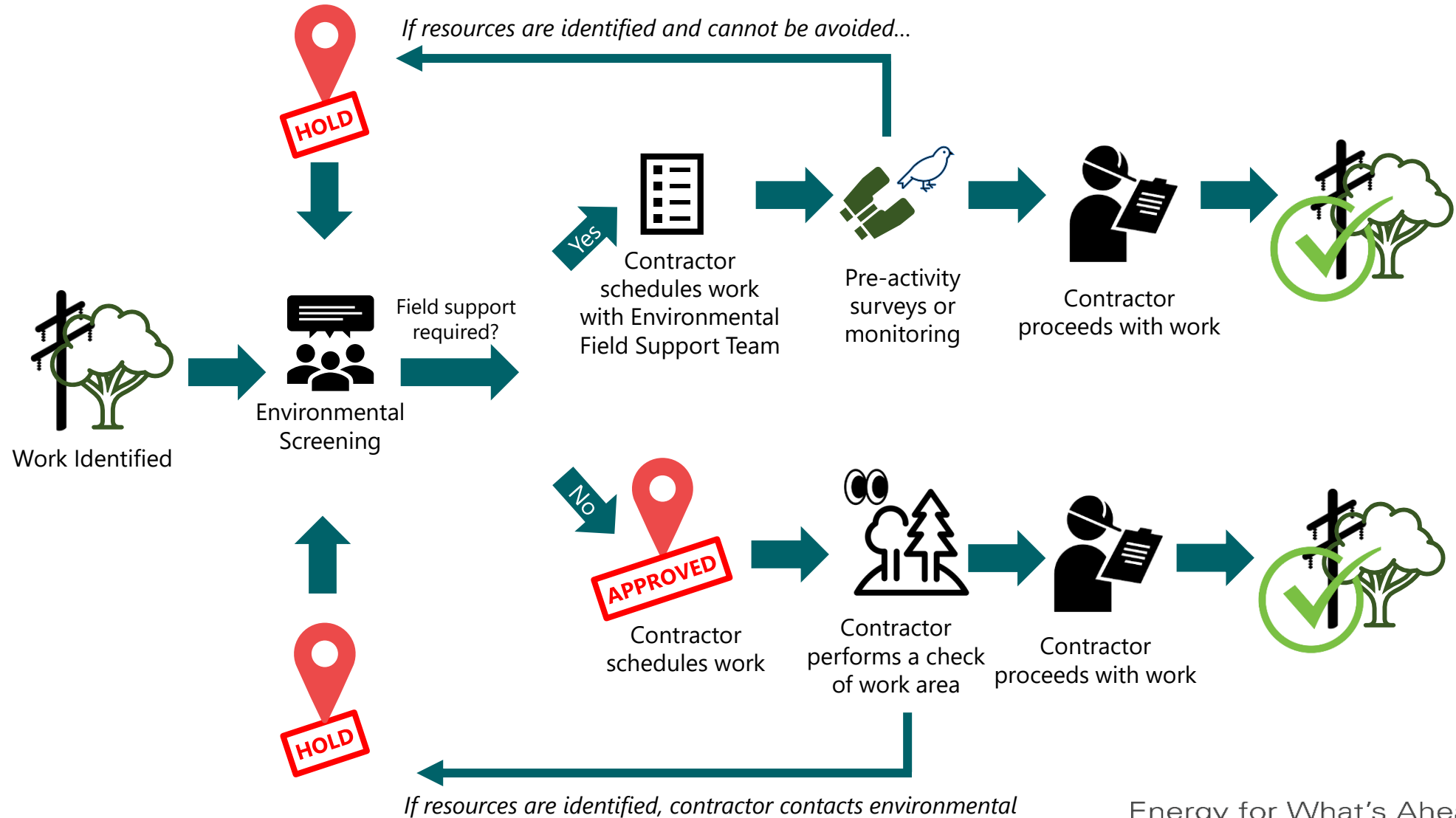
- a. Adhering to all applicable environmental laws and regulations
- b. Conducting work in a manner to minimize the impact to the environment, and
- c. Taking prompt action to correct environmental issues and when necessary, involving the appropriate subject matter experts to help resolve the issue



SCE's contractors (including pre-inspectors and vegetation trimming/removal personnel) complete annual environmental awareness training that covers regulatory compliance requirements and responsibilities for protecting sensitive biological, cultural, and waters resources.

Environmental Screening

All non-emergent vegetation management work undergoes an environmental screening prior to execution



ANSI A300 Tree Pruning Standards – Trim Styles



INTERNATIONAL SOCIETY of ARBORICULTURE (ISA)

Trees that grow into and fall into energized overhead utility lines and equipment can damage utility facilities and interrupt energy delivery. They may also present risk to safety, reliability, and regulatory compliance. Vegetation interference with utility system operations is one of the most common causes of electrical outages on distribution systems and has initiated transmission grid failures that have subjected millions of people to lengthy blackouts, and, in some cases, provided a source of ignition for wildfire.

ANSI A300 Tree Pruning Standards – Trim Styles

Four (4) Types of Pruning Cuts

- **Branch Removal Cuts** = Removes the smaller of two branches at the union. Cuts that retain the branch bark ridge and branch collar and do not create a stub.
- **Reduction Cut** = Removes the larger of two or more branches, stems, or co dominants, to a live lateral branch or stem.
- **Heading Cut** = A heading cut removes a branch or stem between nodes, to a bud or to a live branch less than one third the diameter to the branch or stem being removed.
- **Shearing Cut** = Cutting of leaves, sprouts, and branches to a desired plane, shape or form, as within the topiary system.

Risk Mitigation Pruning

Pruning to reduce the likelihood of branch or whole tree failure should be a primary consideration for large trees in urban areas. Branch, stem, and whole tree failures are influenced by many factors including species, defects, or considerations, site conditions, loads, size, and response growth.

Pruning to Provide Clearance

Clearance pruning plays an important role in ensuring safe and reliable electrical utility services and, in some cases, compliance with regulatory and other requirements.

Directional pruning is the preferred way to direct branch growth, often well in advance of growth within the clearance area. Branches that are causing or will cause interference should be removed or reduced.

When growth within the clearance area cannot be reliably prevented by pruning whole tree removal maybe required.

Utility Tree Pruning – Best Management Practices



- Make all cuts to encourage future tree growth away from facilities
- Cut back to a suitable lateral at least one-third the size of the branch being removed
- Directional pruning preserves more terminal buds compared to topping, resulting in fewer sprouts
- Depending on the tree's natural growth habitat and its relation to utility facilities, the tree assumes various shapes as a result of directional pruning
- Trees with large, spreading crowns are better suited for directional pruning compared to ones with narrow, upright growth