

ELECTRIC SERVICE PLANNING INFORMATION FORM

<http://www.alamedamp.com/working-with-amp>

SMALL CELL POLE ATTACHMENTS



ALAMEDA MUNICIPAL POWER

A Department of the City of Alameda

THIS FORM MUST BE FILLED OUT COMPLETELY BEFORE IT CAN BE PROCESSED. SHADED AREAS ARE FOR AMP USE ONLY.

This form will be sent back to the applicant after review.

- This application is for a preliminary engineering review of the proposed work and is recommended before applying for a permit.
- Submit this form to the AMP Engineering Office located at 2000 Grand Street, Alameda, CA 94501
- For questions call the AMP Engineering main line at (510) 814--5676.

AMP – JOB NUMBER:			Date:
Name of Applicant / Company:			Tel:
Address:	City / State:	Zip:	Email:
BILLING INFORMATION			
Name:			Tel:
Address:	City / State:	Zip:	Email:

TYPE of POLE (check appropriate box)		<input type="checkbox"/> Streetlight	<input type="checkbox"/> Utility Pole
Physical Street Address:			
Coordinates:	Latitude:	Longitude:	
AMP Pole# (If known):	Comments:		

****Attach a sketch/map (and a photograph) showing the pole location and proposed service connections. ****

Brief Description of Work:			

Proposed Equipment					
Qty	Description	Manufacturer	Model Number	Dimension (H x W x D)	Weight

Total Equipment Load: *Attach manufacturer cut sheets showing maximum AC wattage of ALL equipment associated with this request*					
Unit	Description	Max Power (W)	Max Current (A)	kVA	KWh/Year

I understand and acknowledge that AMP will review the proposed new service based on the load and equipment specifications I provide on this Service Application. AMP will need to reevaluate the application should the information change at a later date and I may be required to submit a new application.

Applicant Name:	Signature:	Date:

Alameda Municipal Power Requirements for Small Cell Attachments

A. Purpose and Applicability

Below are Alameda Municipal Power's requirements for locating small cell antennas and equipment. These requirements augment and enhance the guidelines provided in the *City of Alameda Wireless Communication Facilities Design Guidelines*.

For utility poles, the majority of Alameda Municipal Power electric distribution poles are jointly owned with an incumbent telephone company (AT&T). In addition to the process contained herein, the Applicant shall make application to, receive authorization from, and comply with all joint owners' requirements pertaining to the installation of their facilities. Third Party use of jointly owned poles requires the consent of all joint owners. Alameda Municipal Power may not unilaterally authorize the use of a jointly owned pole.

The Applicant is solely responsible for obtaining any and all consents, permits, licenses or grants necessary for making attachments to the selected poles.

B. General

1. Small cell attachments will be permitted on City owned streetlight poles, traffic signal poles, city owned buildings/roof tops, and in the communications space of utility poles.
2. The City's first preference to locate small cells will be on city owned non decorative street light poles, traffic signal poles or on city owned buildings/roof tops.
3. The Applicant is responsible for obtaining power through Alameda Municipal Power.
4. Service through Alameda Municipal Power will be a non-metered service. Power usage will be estimated based on nameplate rating of all equipment and the monthly charges computed based on the applicable rate schedule.

C. Electrical Requirements

1. Applicants must provide a separate electric line to be run to their equipment. Power for equipment located on streetlights cannot use the power to the luminaire as a source of power.
2. Equipment must be properly grounded in accordance with Alameda Municipal Power requirements and General Order 95. Applicants may not bond to Alameda Municipal Power's ground wire.
3. Applicants will be responsible for installing all necessary substructure and service cables from an AMP designated service point.
4. All small cell installations must be equipped with an appropriate visible disconnect means (switch) that is clearly identified and is accessible to Alameda Municipal Power personnel.

D. Utility Poles

1. Applicant is required to obtain Northern California Joint Pole Association approval as may be required.
2. Applicant shall provide pole loading calculations with the equipment to be installed.
3. Utility pole installations must use all design techniques to minimize visual impacts including consolidating equipment on the pole to reduce the visual clutter.
4. No attachments or antennas are allowed above the communications space of the utility pole.
5. No attachments allowed on poles with primary power risers.

Alameda Municipal Power Requirements for Small Cell Attachments

6. No attachments allowed on transmission poles.
7. No attachments allowed on poles with special equipment (primary cut outs, capacitor banks, manual disconnect arms, any utility company RF antennas, other wireless carrier equipment, Comcast equipment). Poles with secondary risers or transformers may be used as long as there is space for the equipment AND climbing space on the pole.
8. Attachments may not interfere with the proper operation of other attachments on the utility pole. Blocking light from streetlights, acting as an obstruction to maintenance activities, and causing voltage fluctuations in the distribution system are examples of such interferences.
9. All antenna installations shall be consistent with General Order 95, "Rules for Overhead Electric Line Construction," of the California Public Utilities Commission, and all other applicable Federal, State, and local orders, codes, rules, and regulations. Including:
 - Climbing space
 - Clearances between power and/or other attachments
 - Required distances for separation between pole and equipment
 - Required distances for separation between equipment
10. No ground mounted enclosures, including backup power supply, shall be allowed. All equipment located within the public ROW shall be located such that it meets ADA requirements and does not obstruct, impede, or hinder usual pedestrian or vehicular travel.
11. Locating small cell equipment on backyard utility poles is prohibited.
12. Locating small cell equipment on utility poles located directly on a street corner is to be avoided.
13. All carrier equipment shall be removed and relocated at no cost to the city of Alameda or Alameda Municipal Power should Alameda Municipal Power decide to underground the utility lines in the future. The equipment must be removed within six months of the Underground District being established or when notified by AMP Engineering.