

File No. 160909

Committee Item No. 7

Board Item No. _____

COMMITTEE/BOARD OF SUPERVISORS

AGENDA PACKET CONTENTS LIST

Committee: Land Use and Transportation

Date October 24, 2016

Board of Supervisors Meeting

Date _____

Cmte Board

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| <input type="checkbox"/> | <input type="checkbox"/> | Motion |
| <input type="checkbox"/> | <input type="checkbox"/> | Resolution |
| <input type="checkbox"/> | <input type="checkbox"/> | Ordinance |
| <input type="checkbox"/> | <input type="checkbox"/> | Legislative Digest |
| <input type="checkbox"/> | <input type="checkbox"/> | Budget and Legislative Analyst Report |
| <input type="checkbox"/> | <input type="checkbox"/> | Youth Commission Report |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Introduction Form |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Department/Agency Cover Letter and/or Report |
| <input type="checkbox"/> | <input type="checkbox"/> | Memorandum of Understanding (MOU) |
| <input type="checkbox"/> | <input type="checkbox"/> | Grant Information Form |
| <input type="checkbox"/> | <input type="checkbox"/> | Grant Budget |
| <input type="checkbox"/> | <input type="checkbox"/> | Subcontract Budget |
| <input type="checkbox"/> | <input type="checkbox"/> | Contract/Agreement |
| <input type="checkbox"/> | <input type="checkbox"/> | Form 126 - Ethics Commission |
| <input type="checkbox"/> | <input type="checkbox"/> | Award Letter |
| <input type="checkbox"/> | <input type="checkbox"/> | Application |
| <input type="checkbox"/> | <input type="checkbox"/> | Form 700 |
| <input type="checkbox"/> | <input type="checkbox"/> | Vacancy Notice |
| <input type="checkbox"/> | <input type="checkbox"/> | Information Sheet |
| <input type="checkbox"/> | <input type="checkbox"/> | Public Correspondence |

OTHER (Use back side if additional space is needed)

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Completed by: Alisa Somera Date October 20, 2016

Completed by: _____ Date _____

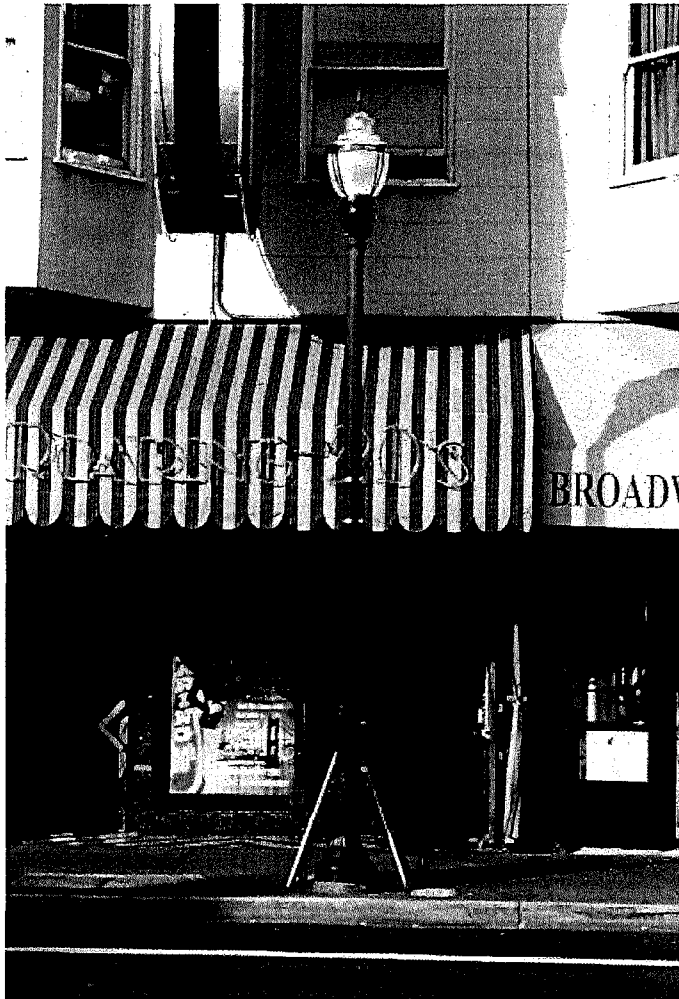


Services of the San Francisco Public Utilities Commission

SFPUC Streetlight Program Update

**October 24, 2016
Barbara Hale, Assistant General Manager
Power Enterprise**

Presentation Outline



1. San Francisco Streetlight Ownership
2. SFPUC Streetlight Levels of Service – Goals and Performance
3. SFPUC Streetlight Maintenance
4. LED Conversion
5. Pedestrian Lighting Strategies
6. Distributed Antenna Systems
7. SFPUC Program Moving Forward

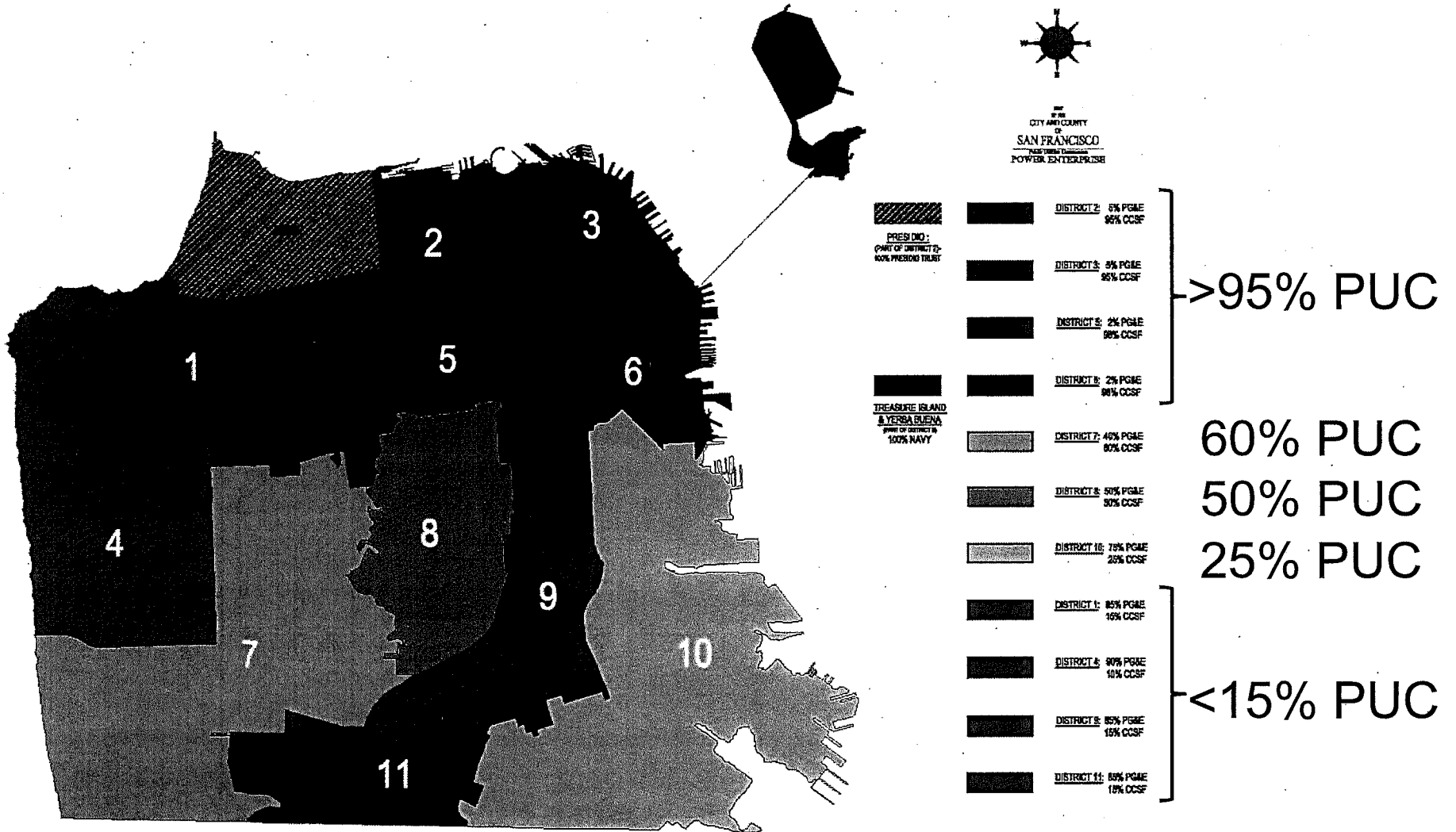


San Francisco Streetlight Ownership

Streetlight Owner	# of Lights	Power Provider	Maintained By/ Paid By
SFPUC	26,000	SFPUC	SFPUC/SFPUC
PG&E	18,498	SFPUC	PG&E/SFPUC
DPW	70	SFPUC	DPW/DPW
Caltrans	610	PG&E/SFPUC	Caltrans/SFPUC
U.S. Navy	296	SFPUC	SFPUC/SFPUC
RPD	Unknown	SFPUC	RPD/RPD
Presidio Trust	Unknown	Presidio Trust	Presidio Trust
MUNI	Unknown	SFPUC	MUNI/MUNI
Port	Unknown	SFPUC	Port/Port

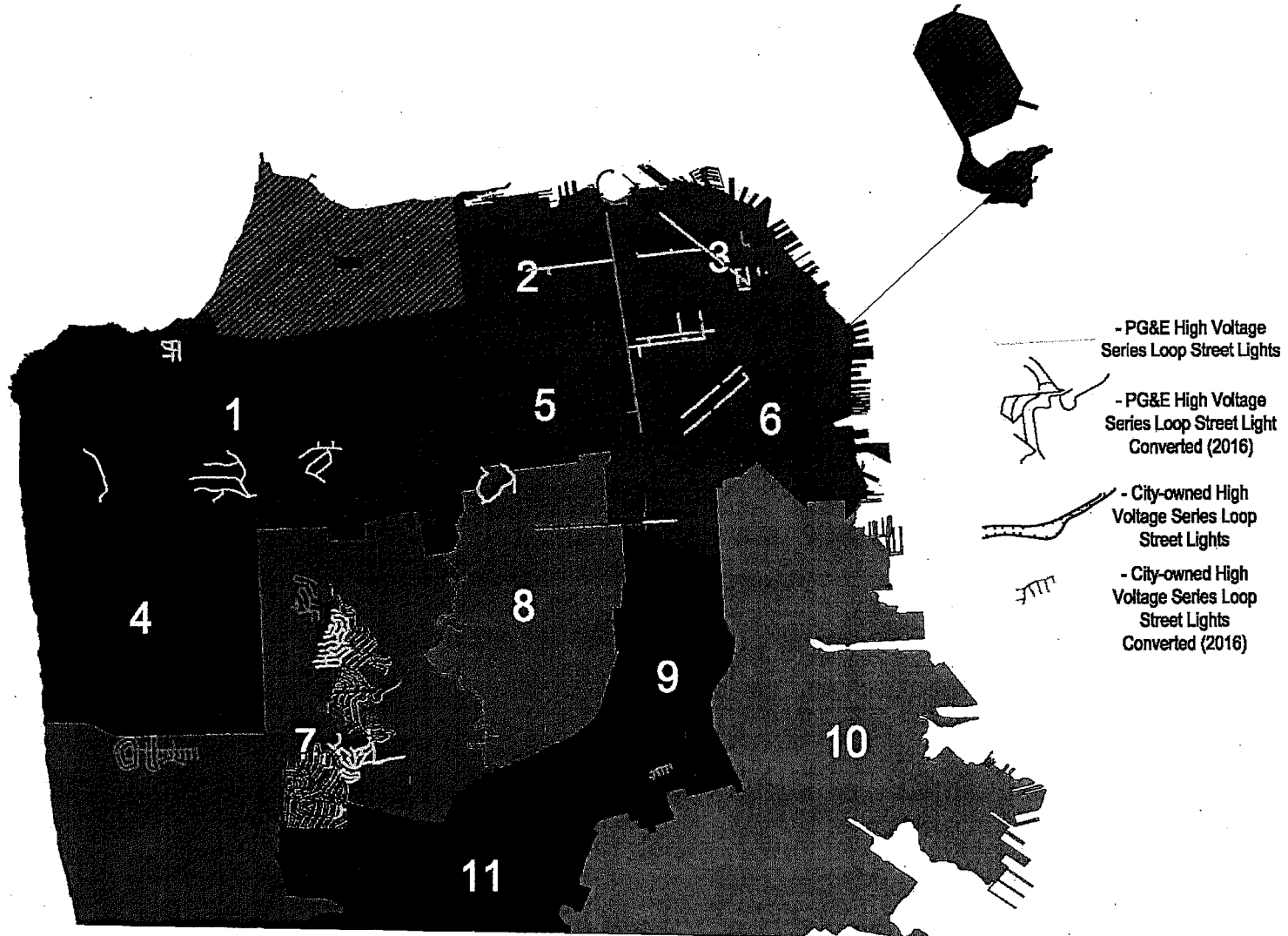


SFPUC Streetlight Ownership By District





Map of Series Loops





Streetlight Problem Reporting

1. Residents report streetlight issues to 311.
2. Residents may also report streetlight problems via StreetlightsSF app.
3. 311 automatically relays streetlight issues to SFPUC via electronic file. Non-business hour street light emergencies are reported immediately by phone.
4. SFPUC reviews internal digital database to determine ownership.
5. 311 provides information to PG&E for PG&E owned lights.





SFPUC Levels of Service Goals

Repair Type	Repair Timeline		
	24 Hours	48 Hours	> 48 Hours
	Check/Make Safe	Return to Service	Repair/ Replace
Pole			
Knockdown	✓		21 days
Leaning	✓		180 days
Cover Missing	✓	✓	
Wires Exposed	✓	✓	
Paint Damaged			180 days
Light			
Burnt Out		✓	
Flickering		✓	
Day Burner		✓	
Lens Missing			30 days



Streetlight Levels of Service: FY 15-16

Outages:

- Total Outages FY15-16: **3,520**
- Average # of Days to Close: **2.75**
- % Closed within 48 hours: **66%**





Streetlight Maintenance Challenges: FY 15-16

Scheduled:

- Pole Assessment Program
 - 9,537 streetlight poles assessed
 - 9,327 poles in acceptable condition
 - 210 poles replaced as a result of assessment
- Transition to new PG&E tariffed service

Unscheduled:

- 30,655 Underground Service Alert requests processed
 - SFPUC has 5 days to respond to requests (80 per day)
- 6,460 requests from 311 received and 3,520 processed
 - SFPUC priorities include requests from high crime areas, public safety issues, and those from the Board of Supervisors.
- 40 Pole Knock Downs. 100% fixed with lighting restored
- Materials tracking system



San Francisco
Water
Power
Sewer

Street Light Maintenance Challenges: Street Trees

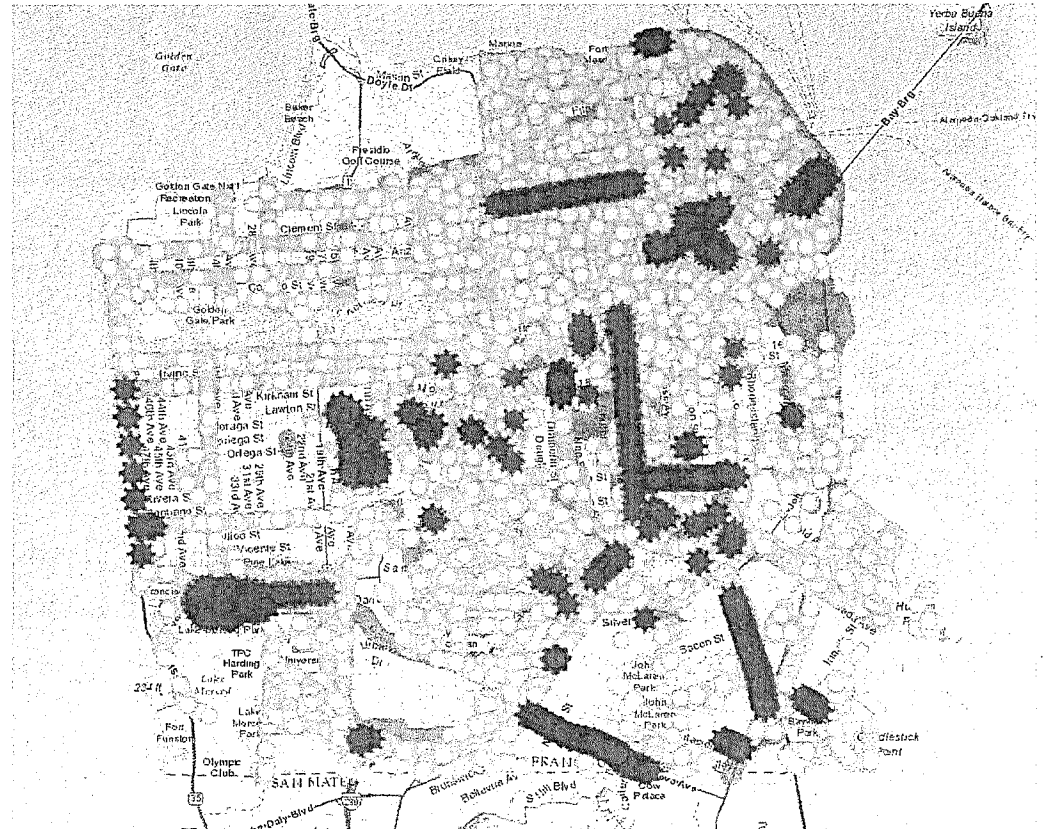
Street trees can impair lighting performance





LED Conversion: FY 15-16

- Procuring approximately 18,000 LED Lights
- Procurement with OCA
- Estimated completion date for Citywide LED Conversion is 18 months after procurement





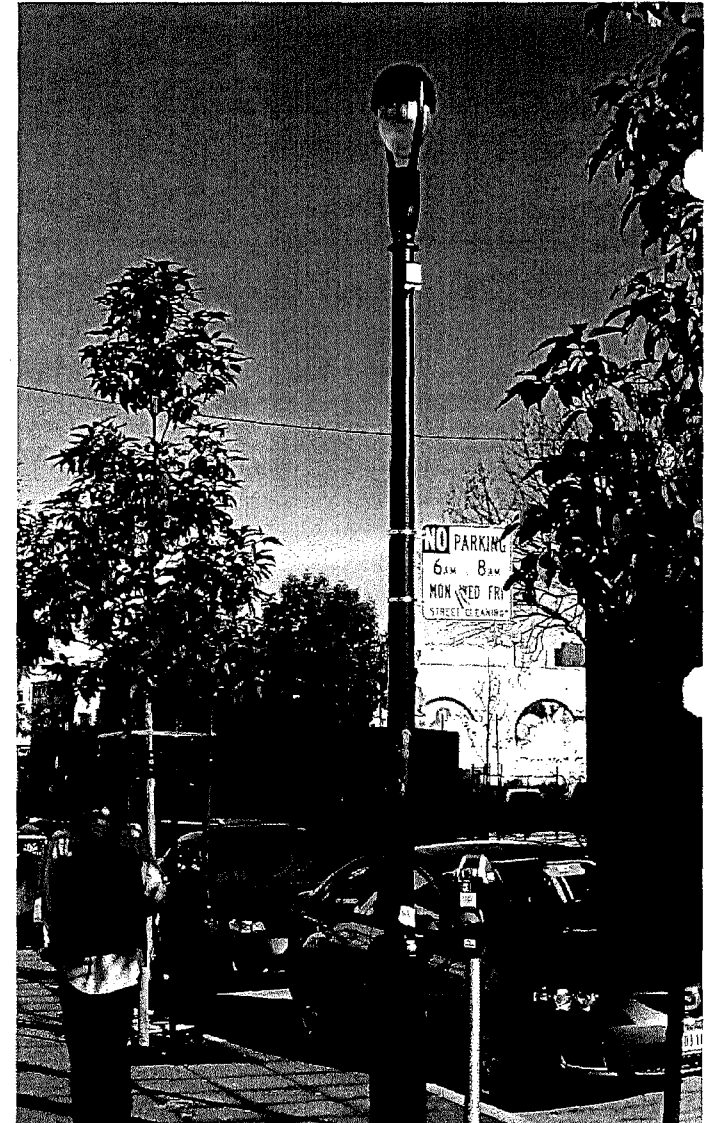
Pedestrian Lighting Policy

Better Streets Plan (2010)

- Provides guidance on how to design pedestrian friendly streets.
- Encourages street lighting design with adequate light levels for pedestrians.

SFPUC Pedestrian Lighting Policy

- Adopted in January 2012
- SFPUC accepts ownership responsibility for future pedestrian lights in predefined conditions.
- SFPUC requires sponsors of improvements to include pedestrian lights.
- SFPUC adopted a Capital Fund in 2014





Distributed Antenna Systems: FY15-16

Regulatory Approval

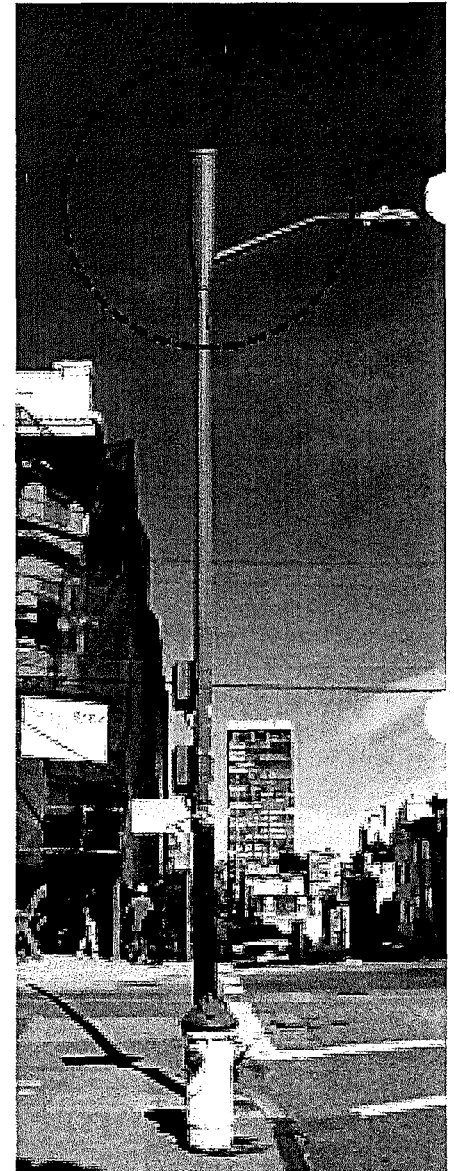
- 2014 SFPUC Commission approves program
- 2014 Board of Supervisors approves Master License Agreements for each new carrier

Revenue to Date

- \$1,127,438 in revenue as of October 1, 2016

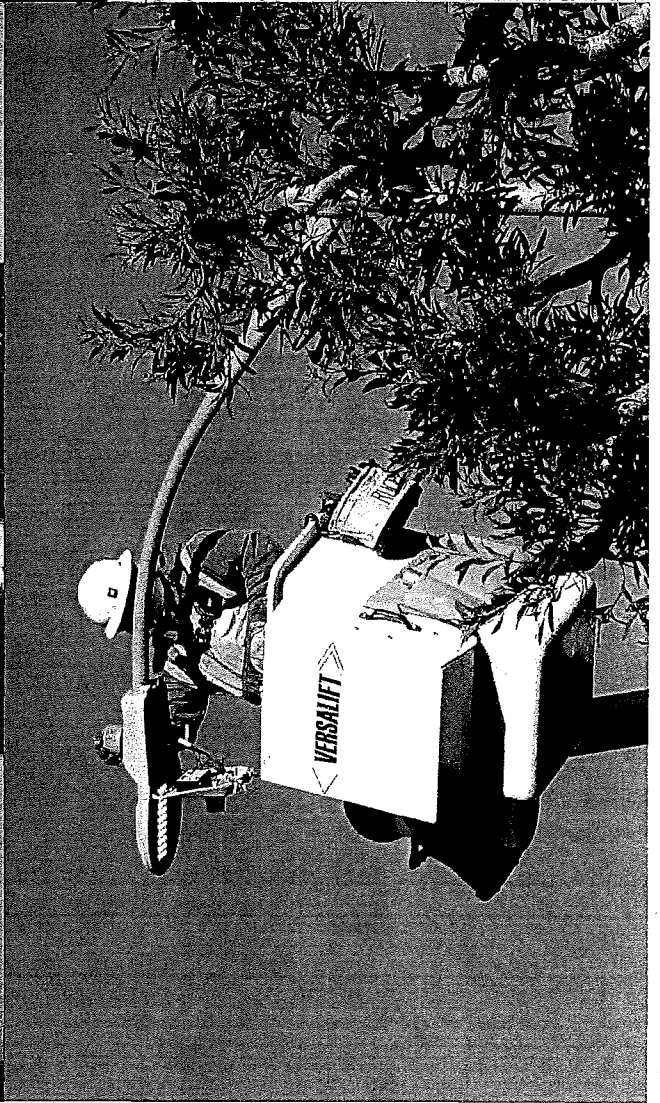
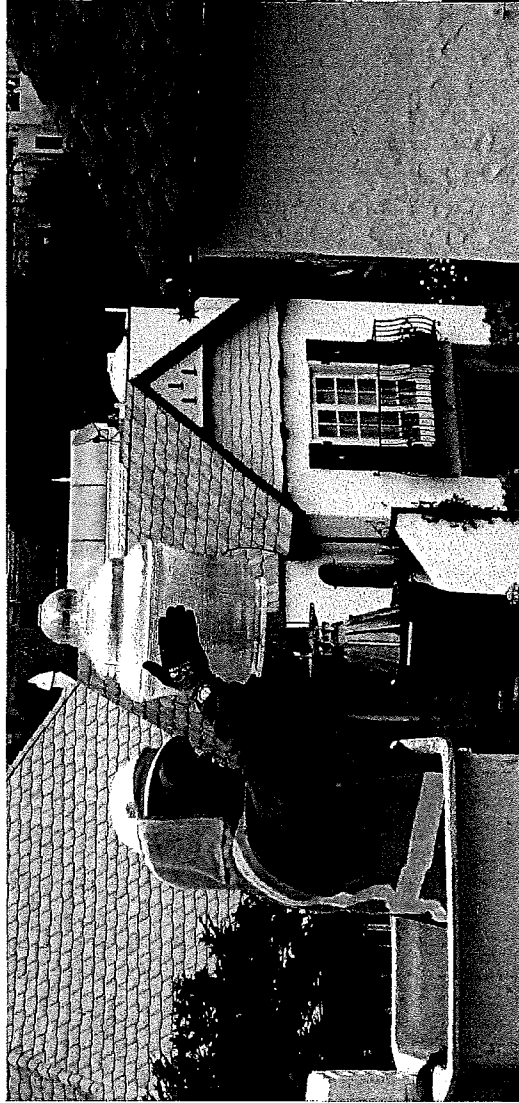
Projected Revenue

- \$24,667,587 projected revenue for **existing** pole and conduit license applications in 12 years
- \$35,904,127 projected revenue for **anticipated** pole and conduit license applications in 12 years





SFPUC Streetlight Program Moving Forward





Recent Updates and Plans

- Recently completed series loop conversions:
 - Aquatic Park
 - Montgomery Street
 - Forest Hill
 - Lakeshore
- Assessment and Pole Replacement Program
- DAS Project
- Completed Materials Procurement for 3rd Street Light Rehabilitation Project



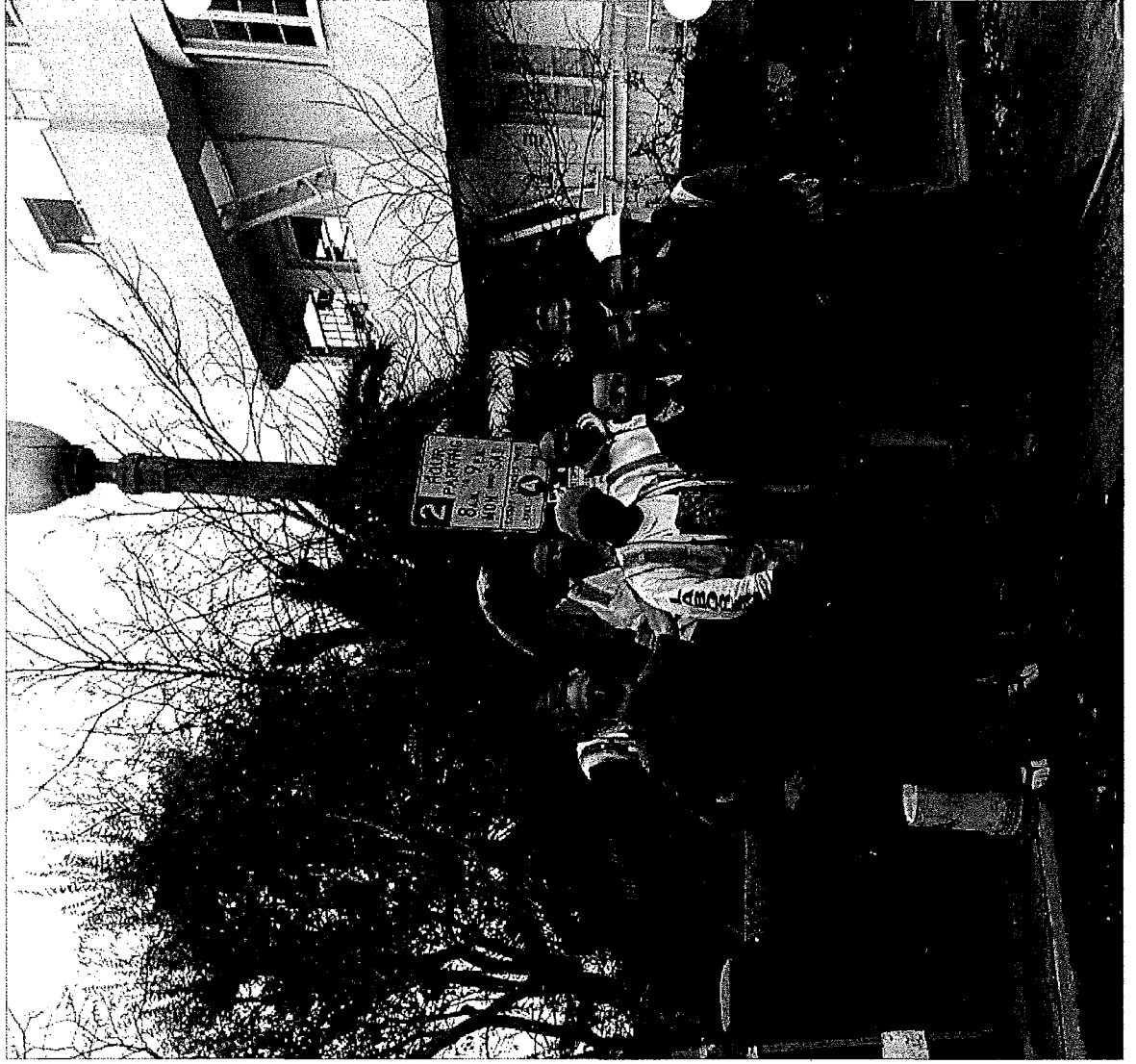
Map - Pole Assessment and Replacement Program



Updated: 8/1/2016 4:45 PM



Questions?



BOARD of SUPERVISORS



City Hall
1 Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. 554-5184
Fax No. 554-5163
TDD/TTY No. 554-5227

MEMORANDUM

TO: Randy Quezada, Pacific Gas and Electric Company
Ramneek Saini, Pacific Gas and Electric Company

FROM: *ll* Alisa Somera, Legislative Deputy Director
fv Land Use and Transportation Committee, Board of Supervisors

DATE: August 15, 2016

SUBJECT: HEARING MATTER INTRODUCED

The Board of Supervisors' Land Use and Transportation Committee has received the following hearing request, introduced by Supervisor Wiener on August 2, 2016:

File No. 160909

Hearing on compliance with the San Francisco Street Light Policy (Administrative Code, Section 98.3), which calls for an increased pedestrian-scale lighting, single ownership of streetlights, establishing uniform level of service for repair of broken streetlights, and transitioning existing streetlights to LED technology; and requesting the San Francisco Public Utilities Commission and the Pacific Gas and Electric Company to report.

If you have any comments or reports to be included with the file, please forward them to me at the Board of Supervisors, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.


BOARD of SUPERVISORS



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MEMORANDUM

TO: Harlan Kelly, Jr., General Manager, Public Utilities Commission

FROM:  Alisa Somera, Legislative Deputy Director
Land Use and Transportation Committee, Board of Supervisors

DATE: August 12, 2016

SUBJECT: HEARING MATTER INTRODUCED

The Board of Supervisors' Land Use and Transportation Committee has received the following hearing request, introduced by Supervisor Wiener on August 2, 2016:

File No. 160909

Hearing on compliance with the San Francisco Street Light Policy (Administrative Code, Section 98.3), which calls for an increased pedestrian-scale lighting, single ownership of streetlights, establishing uniform level of service for repair of broken streetlights, and transitioning existing streetlights to LED technology; and requesting the San Francisco Public Utilities Commission and the Pacific Gas and Electric Company to report.

If you have any comments or reports to be included with the file, please forward them to me at the Board of Supervisors, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

c: Juliet Ellis, Public Utilities Commission
Donna Hood, Public Utilities Commission

Introduction Form

By a Member of the Board of Supervisors or the Mayor

Time stamp
or meeting date

I hereby submit the following item for introduction (select only one):

- 1. For reference to Committee.
An ordinance, resolution, motion, or charter amendment.
- 2. Request for next printed agenda without reference to Committee.
- 3. Request for hearing on a subject matter at Committee. *land use*
- 4. Request for letter beginning "Supervisor [] inquires"
- 5. City Attorney request.
- 6. Call File No. [] from Committee.
- 7. Budget Analyst request (attach written motion).
- 8. Substitute Legislation File No. []
- 9. Request for Closed Session (attach written motion).
- 10. Board to Sit as A Committee of the Whole.
- 11. Question(s) submitted for Mayoral Appearance before the BOS on []

Please check the appropriate boxes. The proposed legislation should be forwarded to the following:

- Small Business Commission
- Youth Commission
- Ethics Commission
- Planning Commission
- Building Inspection Commission

Note: For the Imperative Agenda (a resolution not on the printed agenda), use a Imperative

Sponsor(s):

Supervisor Wiener

Subject:

Hearing on Compliance with Administrative Code Section 98.3 (San Francisco Streetlight Policy)

The text is listed below or attached:

Hearing on compliance with the San Francisco Street Light Policy (Administrative Code Section 98.3) which calls for increased pedestrian-scale lighting, single ownership of streetlights, establishing uniform level of service for repair of broken streetlights, and transitioning existing streetlights to LED technology; and asking the San Francisco Public Utilities Commission and Pacific Gas and Electric to report.

Signature of Sponsoring Supervisor: *Scott Wiener*

For Clerk's Use Only:

