

File No. 140981

Committee Item No. 1

Board Item No. 8

COMMITTEE/BOARD OF SUPERVISORS
AGENDA PACKET CONTENTS LIST

Committee: Land Use & Development

Date Nov. 3, 2014

Board of Supervisors Meeting



Date Nov. 25, 2014

Cmte Board

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| <input type="checkbox"/> | <input type="checkbox"/> | Motion |
| <input type="checkbox"/> | <input type="checkbox"/> | Resolution |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Ordinance |
| <input checked="" type="checkbox"/> | <input checked="" 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 type="checkbox"/> | <input type="checkbox"/> | Introduction Form |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Department/Agency Cover Letter and/or Report |
| <input type="checkbox"/> | <input type="checkbox"/> | MOU |
| <input type="checkbox"/> | <input type="checkbox"/> | Grant Information Form |
| <input type="checkbox"/> | <input type="checkbox"/> | Grant Budget |
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| <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 |
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Completed by:  Date 10.30.14
 Completed by:  Date 11.5.14

[Administrative Code - Street Light Policy]

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Ordinance amending the Administrative Code to provide a Street Light Policy; and affirming the Planning Department's determination under the California Environmental Quality Act.

NOTE: **Unchanged Code text and uncodified text** are in plain Arial font. **Additions to Codes** are in *single-underline italics Times New Roman font*. **Deletions to Codes** are in *strikethrough italics Times New Roman font*. **Board amendment additions** are in double-underlined Arial font. **Board amendment deletions** are in ~~strikethrough Arial font~~. **Asterisks (* * * *)** indicate the omission of unchanged Code subsections or parts of tables.

Be it ordained by the People of the City and County of San Francisco:

Section 1. Environmental Findings. The Planning Department has determined that the actions contemplated in this ordinance comply with the California Environmental Quality Act (California Public Resources Code Section 21000 et seq.). Said determination is on file with the Clerk of the Board of Supervisors in File No. 140981 and is incorporated herein by reference.

Section 2. The Administrative Code is hereby amended by adding Section 98.3, to read as follows:

SEC. 98.3. SAN FRANCISCO STREET LIGHT POLICY

(a) The San Francisco Board of Supervisors finds that:

(1) Quality street lighting helps define a positive urban character and supports nighttime activities.

(2) Nighttime lighting is critical for both traffic safety and pedestrian safety and security.

(3) Functioning street lights are essential for maintaining high quality of life, public safety, and economic activity in San Francisco.

1 (4) Roadway and pedestrian level lighting are both important aspects of
2 street lighting responsibilities.

3 (5) Pursuant to the Charter, the San Francisco Public Utilities Commission
4 has jurisdiction over the provision of City-owned street lighting.

5 (6) Ownership and maintenance responsibility of the City's streetlights is
6 currently divided primarily between the San Francisco Public Utilities Commission and a
7 private utility.

8 (7) The current division of ownership and maintenance responsibility of the
9 City's street lights between the San Francisco Public Utilities Commission and a private utility
10 does not best advance the interests of San Francisco residents.

11 (8) The ultimate development of a single, municipally-managed street light
12 program would benefit all San Francisco residents and the City shall strive to unify streetlight
13 management under a municipal program. As an initial step, the Board of Supervisors urges the
14 San Francisco Public Utilities Commission to perform a study of the costs, benefits and methods
15 of a single, unified municipal program.

16 (b) In furtherance of the Street Light Policy, it shall be the policy of the City

17 (1) That lighting should be designed not only for vehicular traffic on the
18 roadways, but also for pedestrians on sidewalks and pedestrian paths;

19 (2) That whenever at least 50% of the lighting along an existing street block
20 is upgraded, or lighting along a new street block is added, adequate pedestrian level lighting
21 should be evaluated and included, consistent with the Better Streets Policy and Plan, as funds
22 are available;

23 (3) That management of street lights and coordination with the private utility
24 to more effectively provide, maintain, and repair the City's street lights should include:

;

1 (A) Transitioning to light-emitting diode (LED) technology, with the
2 exception of those lights deemed inappropriate or not conducive to LED transition, as described
3 in the San Francisco Public Utilities Commission's Guide to San Francisco Street Lights;

4 (B) Further integrating the private utility's street light maintenance
5 operations into the City 311 system, and including more detailed and timely reporting of
6 completed repairs;

7 (C) Integrating up to date street light infrastructure information into
8 the existing City GIS database by December 1, 2014, and developing pedestrian scale lighting
9 standards by December 1, 2014;

10 (D) Establishing a uniform, shared standard for levels of service for
11 the repairs of all street lights, such that simple outages should be corrected within 48 hours of
12 being reported; and

13 (E) Whenever a street light is repaired or replaced, repairing or
14 replacing such street light should be in accordance with the Street Light Policy.

15 (4) That the City shall strive to unify streetlight management under a
16 municipal program.

17 (c) All public and private entities operating and maintaining street lights in the City shall
18 provide an annual report to the Board of Supervisors documenting their efforts to manage street
19 lighting in a manner consistent with the Street Light Policy.

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1 Section 3. Effective Date. This ordinance shall become effective 30 days after
2 enactment. Enactment occurs when the Mayor signs the ordinance, the Mayor returns the
3 ordinance unsigned or does not sign the ordinance within ten days of receiving it, or the Board
4 of Supervisors overrides the Mayor's veto of the ordinance.

5
6 APPROVED AS TO FORM:
DENNIS J. HERRERA, City Attorney

7
8 By: 
JOHN RODDY
Deputy City Attorney

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LEGISLATIVE DIGEST

[Administrative Code - Street Light Policy]

Ordinance amending the Administrative Code to provide a Street Light Policy; and affirming the Planning Department's determination under the California Environmental Quality Act.

Existing Law

The proposed ordinance would amend Administrative Code to provide a City wide unified Street Light Policy.

Amendments to Current Law

The Ordinance would adopt a Citywide Street Light Policy. In furtherance of the policy, lighting should be designed not only for vehicular traffic, but also for pedestrians on sidewalks and pedestrian paths. Whenever at least 50% of the lighting along an existing street is upgraded, or lighting along a new street is added, adequate pedestrian scale lighting should be evaluated and included as appropriate.

Further, the Policy urges management of street lights and coordination with San Francisco's private street light utility to more effectively provide, maintain, and repair the City's street lights; to transition to light-emitting diode (LED) technology; to further integrate the private utility's street light maintenance operations into the City 311 system; to create more detailed and timely reporting of completed repairs; to integrate up to date street light infrastructure information into the existing City GIS database by December 1, 2014; to develop pedestrian scale lighting standards by December 1, 2014; and to establish a uniform, shared standard for levels of service for the repairs of all street lights facilitating correction of outages within 48 hours of being reported. The Policy further provides that the City should strive to unify streetlight management under a municipal program.

Background Information

Pursuant to the Charter, the San Francisco Public Utilities Commission has exclusive jurisdiction and control over providing City-owned street lighting. Currently, ownership and maintenance responsibility of the City's streetlights is divided between the San Francisco Public Utilities Commission and a private utility. The proposed Street Light Policy urges more effective coordination of street light activities and functions and the creation of a single, municipally-managed unified streetlight program.

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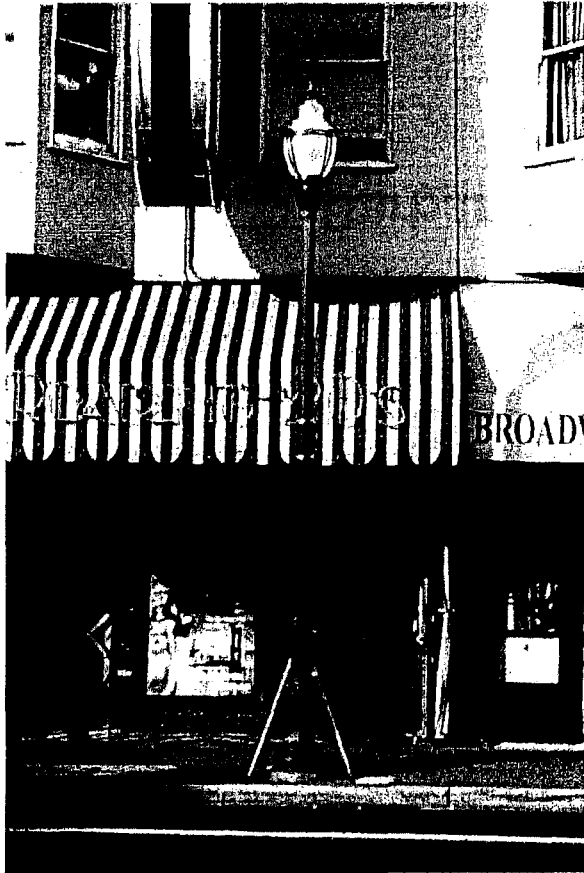
Services of the San Francisco Public Utilities Commission

Street Light Update

October 2014
Barbara Hale, Assistant General Manager
SFPUC Power Enterprise



Presentation Outline



1. San Francisco Street Light Ownership
2. SFPUC Street Light Levels of Service – Goals and Performance
3. SFPUC Street Light Maintenance and Capital Improvements

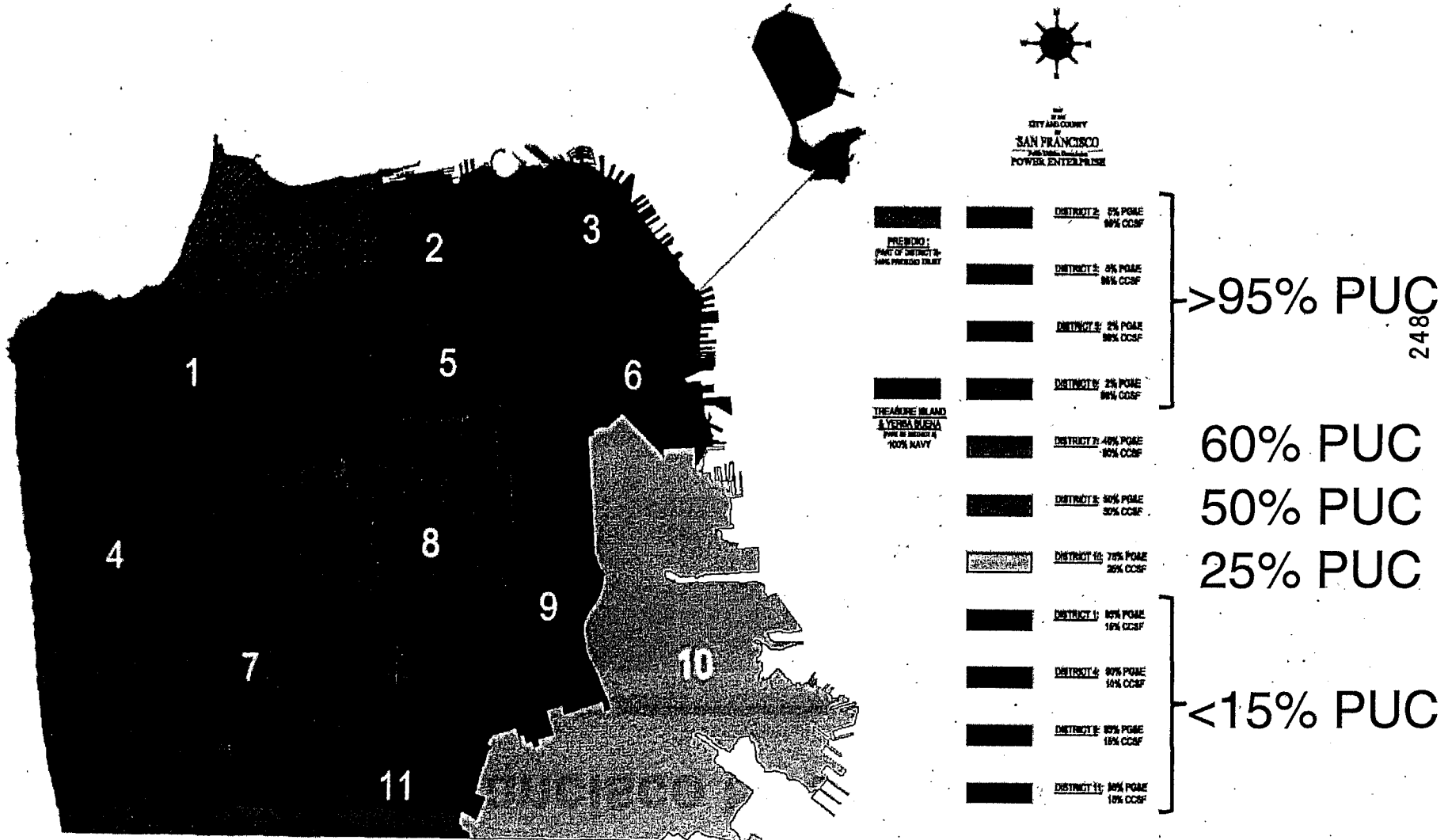


San Francisco Street Light Ownership

Street Light Owner	# of Lights	Power Provider	Maintained By/ Paid By
SFPUC	25,509	SFPUC	SFPUC/SFPUC
PG&E	19,019	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 Street Light Ownership By District



NOTE: CALTRANS OWNS SOME STREET LIGHTS ALONG



Street Light Problem Reporting

1. Residents report street light issues to 311.
2. 311 automatically relays street light issues to SFPUC via electronic file. Non-business hour street light emergencies are reported immediately by phone.
3. SFPUC reviews internal digital database to determine ownership.
4. PG&E has voluntarily coordinated with 311 since 1/2011.





Street Light Problem Reporting

1. Residents may also report street light problems via StreetlightsSF.
2. iPhone and Android owners can use this mobile application. The application automatically reports the outage to 311.
3. 311 serves as the “hub” and all outages are reported and repairs tracked there.





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	X		21 days
Leaning	X		180 days
Cover Missing	X	X	
Wires Exposed	X	X	
Paint Damaged			180 days
Light			
Burnt Out		X	
Flickering		X	
Day Burner		X	
Lens Missing			30 days



PG&E Street Light Levels of Service: New Requirements from CPUC

- In August, CPUC issued its final Decision in Phase 1 of PG&E's General Rate Case.
- City participation in the case included a focus on Street Light reliability issues.
- The Decision adopts PG&E's street light O&M revenue request, AND performance reporting and goals, specifically....



PG&E Street Light Levels of Service: New Requirements from CPUC

- PG&E required to produce formal written performance goals related to street lighting burnouts and replacements.
- PG&E required to report its performance regularly (on an annual basis) to the CPUC and requesting municipalities.
- PG&E required to “consistently meet its performance goals”. The CPUC “shall formally hold PG&E responsible for adhering to these goals.”
 - 90% of streetlight burnouts should be repaired within 5 days
 - 75% of underground and/or cable repairs should be completed within 30 days.



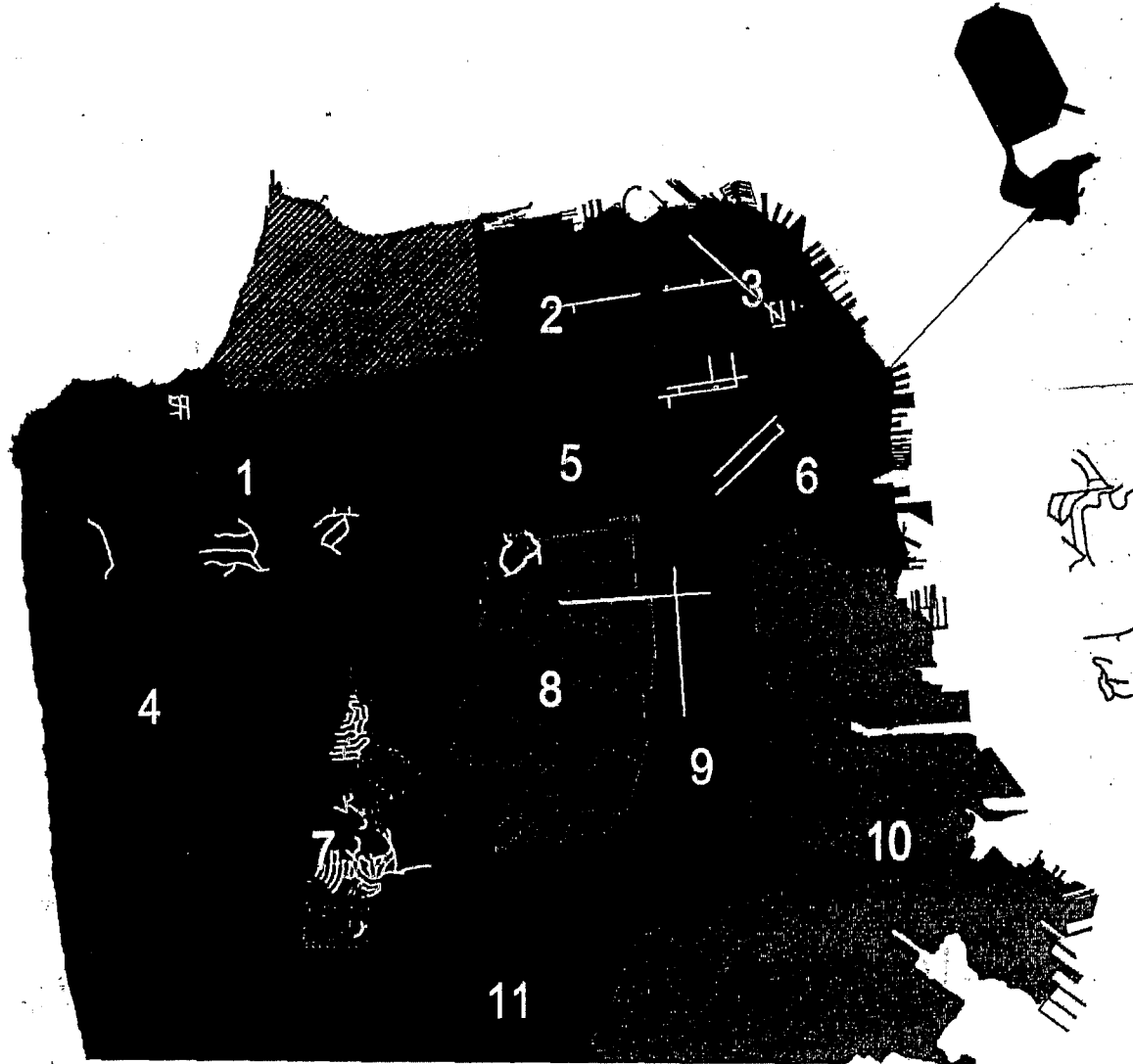
Maintenance Challenges – Series Loops

1. Replacement of series loops is a priority for SFPUC capital expenditures because series loops cause many street light outages.
2. SFPUC series loops:
 - 8 remaining series loops with 339 street lights.
 - Funding to convert included in SFPUC Capital Plan.
3. PG&E series loops:
 - PG&E series loops conversion project funded
 - CPUC required PG&E to track all spending on the project in a separate account and make every effort to complete the project in a timely manner.



San Francisco
Water
Power
Sewer

Map of Series Loops



PG&E Series Loop

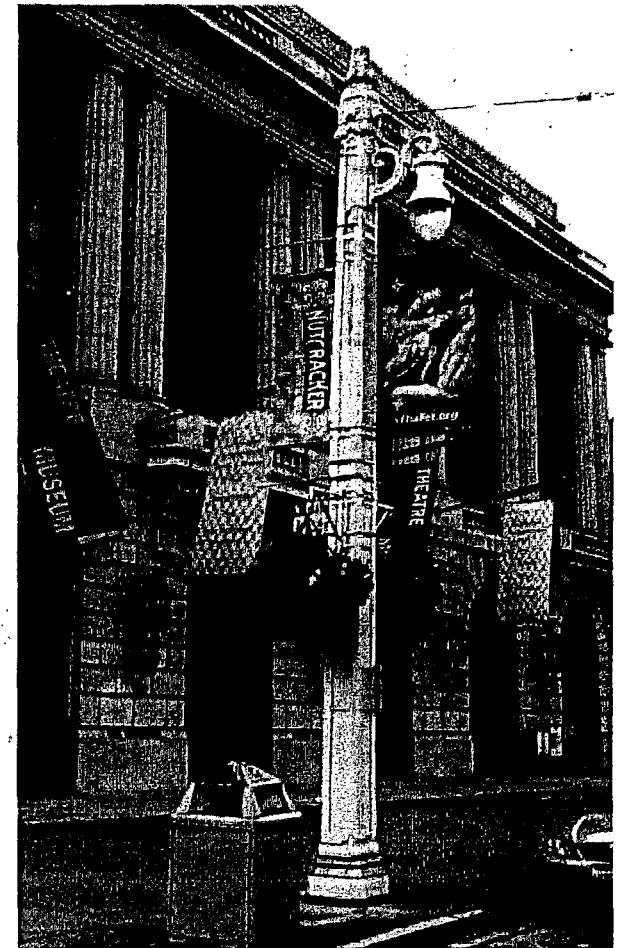
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PG&E Series Loop
Conversion (2012)

City-Owned
Series Loop

Street Light Funding

1. Administrative Code, Chapter 25:
Street lighting must be paid for
by the sponsors of street
improvement projects.
 - Examples: Octavia Blvd., Mission Bay, Hunters Point
2. Street Lights FY 14/16 Capital Budget is \$26,016,000, including pedestrian components
 - Replacement, Repairs, Improvements: \$2,050,000
 - Other Street and Pedestrian Light Capital Improvements: \$23,966,000





Funding Priorities

Priority 1	High crime rate in areas due to poor lighting.
Priority 2	Night time accidents due to unsafe street conditions such as sharp intersections, street curvature, or grade.
Priority 3	Cost of maintenance of street light systems are excessively high due to its age and condition.
Priority 4	High number of outages and complaints as reported by the general public.
Priority 5	Capital projects managed by other City departments generating requirements for street lighting upgrades.
Priority 6	Increased volume of vehicular and pedestrian street usage and/or non-conformance to roadway lighting IES (Illuminating Engineering Society) standards.
Priority 7	Public or Board of Supervisor requests to increase lighting levels or modify design elements to address specific area or neighborhood characteristics.

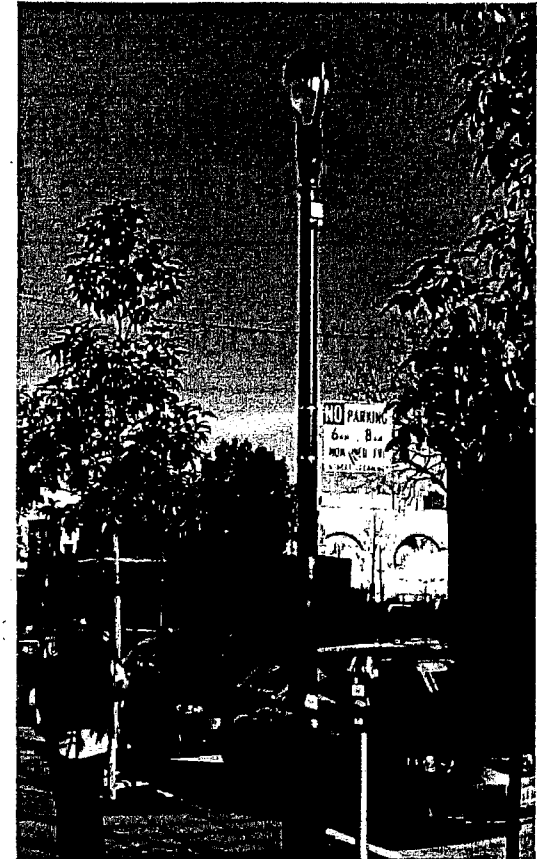
Pedestrian Lighting Policy

Better Streets Plan

- 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 now requires sponsors of improvements to include pedestrian lights.
- Including pedestrian lighting in design of improvement projects.





Street Light Assessment

- Estimates urgent repair needs at \$1,585,000 to \$5,681,000.
 - Estimates 95-454 concrete streetlights are in need of urgent repair action for an estimated \$507,000 to \$2,431,000
 - Estimates 317-989 steel streetlights are in need of urgent repair action for an estimated \$1,075,000 to \$3,250,000
- Provides a uniform, comprehensive method for assessing assets in the field. Developing implementation plan.
- Capital Plan funds ongoing implementation of assessment efforts.

These costs are an estimate of the urgent repair needs.

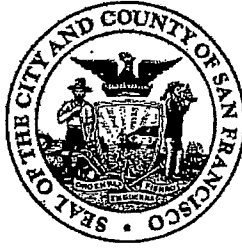


Services of the San Francisco Public Utilities Commission

Questions?

Barbara Hale
Assistant General Manager
SFPUC Power Enterprise

BOARD of SUPERVISORS



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

September 29, 2014

File No. 140981

Sarah Jones
Environmental Review Officer
Planning Department
1650 Mission Street, 4th Floor
San Francisco, CA 94103

Dear Ms. Jones:

On September 16, 2014, Supervisor Wiener introduced the following legislation:

File No. 140981

Ordinance amending the Administrative Code to provide a Street Light Policy; and to make relevant findings.

This legislation is being transmitted to you for environmental review.

Angela Calvillo, Clerk of the Board

A handwritten signature in cursive script, appearing to read "A. Ausberry".

By: Andrea Ausberry, Assistant Clerk
Land Use & Economic Development Committee

Attachment

c: Joy Navarrete, Environmental Planning
Jeanie Poling, Environmental Planning

Not defined as a project under CEQA Guidelines Sections 15378 and 15060(c)(2) because it does not result in a physical change in the environment.

Joy
Navarrete
261

Digitally signed by Joy Navarrete
DN: cn=Joy Navarrete, o=Planning,
ou=Environmental Planning,
email=joy.navarrete@sfgov.org,
c=US
Date: 2014.10.17 15:23:25 -07'00'

BOARD of SUPERVISORS



City Hall
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: Harlan Kelly Jr., General Manager, Public Utilities Commission

FROM: Andrea Ausberry, Assistant Clerk, Land Use and Economic Development Committee, Board of Supervisors

DATE: September 29, 2014

SUBJECT: LEGISLATION INTRODUCED

The Board of Supervisors' Land Use and Economic Development Committee has received the following proposed legislation, introduced by Supervisor Wiener on September 16, 2014:

File No. 140981

Ordinance amending the Administrative Code to provide a Street Light Policy; and to make relevant findings.

If you have any additional 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.
- 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. [140981]
- 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

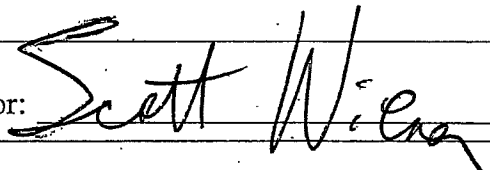
Subject:

Administrative Code - Street Light Policy

The text is listed below or attached:

Ordinance amending the Administrative Code to provide a Street Light Policy; and to make relevant findings.

Signature of Sponsoring Supervisor:



For Clerk's Use Only: