



SF Environment
 Our home. Our city. Our planet.



EDWIN LEE
 Mayor

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2011 Annual Report: Buy Green Ordinance Program for City Staff

Presented to the San Francisco Commission on the Environment

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[Click to see City staff that bought green, limited use, or prohibited batteries, computers, cleaners, lighting](#) (p. 5-20).

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I. Executive Summary

SFE and Office of Contract Administration (OCA) lead the implementation of the ordinance requiring City staff to buy green products listed on SFApproved.org. Green products can be less-toxic, energy-efficient and made with recycled or recyclable materials. In 2011, 83% of \$3.6 million dollars of purchases by the City were green in the targeted categories of computers, cleaners, lighting, and batteries (according to sales reports from Citywide contracted vendors). The percentage of green computers and computer servers increased from 81% in 2010 to 88% in 2011. SFE also improved SF Approved.org so users can rate products and share any page on social media.

II. Introduction

A. *History and Mandate*

San Francisco has been buying green since the 1980s, but purchasing requirements were scattered among several ordinances. In 1998, the City launched the [Environmentally Preferable Purchasing Pilot Program](#) which:

- Inventoried and assessed hazardous chemical products bought by City departments
- Established environmental and health criteria
- Compared costs between green and conventional products
- Set priorities and field tested products with City departments

In 2003, San Francisco became the first city in the nation to adopt the [Precautionary Principle](#). That means, based on the best available science, the City must buy products that present the least potential threat to our health and the environment. In 2005, San Francisco enacted the [Precautionary Purchasing Ordinance](#) (Environment Code, Chapt. 2). This ordinance was groundbreaking in requiring City funds to be used for approved alternative (“green”) products, now summarized at SFApproved.org. The Ordinance also consolidated disparate green purchasing requirements in one place in the Environment Code.

B. *Development of Green Product Specifications*

SFE works with City departments and OCA to develop green specifications for City commodity and service contracts. These specifications consist of recommendations for products to be certified by third-party ecolabels, such as Energy Star or Green Seal, or include lists of specific products. After contracts are awarded, green products and specifications are listed on SFApproved.org. Our primary goals for product selection are maximum performance, minimum impact, and lowest cost:

1. Performance: Does the product work well? Is it durable? Does it make efficient use of resources? SFE works with City staff and established Green Teams to obtain information on product performance.
2. Impact: SFE takes the lead role in assessing impacts on our health and environment.
3. Cost: Is it cost-effective in its manufacturing, use and disposal (life cycle) compared to its alternatives? Office of Contract Administration is responsible for obtaining the best possible prices on City purchases.

SF Approved products fall into four categories: Required, Suggested, Limited Use, and Prohibited.

- **Required green products.** These products meet all goals above and can save money because they are in City contracts. “Required” products generally meet all three goals above (performance, impact and cost effectiveness). Departments are required to buy *only* these products.
- **Suggested green products.** These products meet San Francisco’s environmental and health criteria. Some products may need more research on cost or performance. City departments are encouraged to try these products and rate them at SFApproved.org so they might be included in future contracts.
- **Limited use products** are permitted for purchase only when required or suggested products do not meet performance requirements; for example, some less-efficient light bulbs may be permitted until a retrofit of light fixtures can be completed.
- **Prohibited products** are sometimes listed on SFApproved.org to remind purchasers of existing mandates prohibiting their use; for example, magnetic ballasts are specifically prohibited for new lighting installations. However, not all prohibited products are listed.

C. *Summary of Past Annual Reports*

Table A shows the amount of green products the City has bought over the years.

D. Staff That Worked on Green Citywide Contracts in 2011

OCA: Bill Jones, Deirdre Darley, Galen Leung, Jaci Fong, Jennifer Browne, Judy Wong, Ken Easton, Pamela Olivier
SFE: Chris Geiger, Jessian Choy, Julie Bryant, Soko Made

II. Accomplishments

A. City Staff That Bought Green or Prohibited Products

SFE lists the purchases made by City staff (page 6), which allows SFE to:

- Thank and give green prizes to staff that bought green.
- Ask staff why they bought limited use or prohibited products. If they say a green product didn't work, then SFE can do more research. About 90% of 150 staff from 38 departments said they would recommend the Buy Green Consultation which includes this friendly discussion.

B. Buy Green Club of Year Award

Gave the 2012 Buy Green Club of Year Award at the [Blue and Green Awards](#) to Madeleine Licavoli and the Board of Supervisors (BOS). As the BOS Buy Green Leader, she added a reminder to their purchasing and performance evaluation forms to remind staff to find green products from SFApproved.org, and got co-workers to post SFApproved.org sticky note reminders by their computers.

C. New Green Citywide Contracts and Products

In 2011, SFE worked on contracts for bags for compost and trash bins, multi-function devices (all-in-one copier, fax, scanner), pest control services. Contracts that went out to bid in 2011 include fuel efficient sedans/enforcement vehicles. Since 2009, SFE and OCA worked on lighting bulbs, ballasts (which went to out to bid in 2012).

New, non-contracted products added to SFApproved.org include keyboard brushes which can replace computer can dusters (which have greenhouse gasses that cause climate change).

D. Outreach

- Increased departments that accepted a Buy Green Consultation from 6 (2007-11) to 38 (2011). Trained over 500 City staff through 12 consultations.
- Got 38 depts. to select Buy Green Leaders and fill out the Buy Green Scorecard, thanks to assistance from the Climate Team. The Scorecard is a new online tool that immediately shows departments their score, giving staff a chance to do things to improve their score before they submit it.

III. Ideas to Help the City Buy Green and Save Money

Some departments said that buying safer, green products can reduce worker compensation complaints. Unfortunately, the City spent \$643,060 on limited use or prohibited products in 2011. To prevent that, here are the most popular ideas from meetings with 700 staff from 25 departments in 2010-12:

A. In performance appraisals, write the percent of green products staff bought

If staff that bought green formally received positive feedback from their supervisor, it could encourage staff to buy a higher percent of green products.

B. It would help if Citywide contracts required online stores with no prohibited products

SFE and OCA customized the Office Depot online store so City staff could not see or buy certain prohibited products. City staff said if other city contracted vendors did that, they could avoid prohibited products.

C. Revamp City purchasing software to steer staff to buy green

Since it is hard for staff to recall or find green products they are required to buy, they said it may be more efficient to be like other governments and companies and get a City purchasing software that steers staff to buy green.

TABLE A. Summary of purchases

2010

2011
 (Data not available from some City contracted vendors: foodware, paper towels, bath tissue, seat covers, office paper, toners)

		% Green	\$ Green products	\$ Limited use or prohibited products	% Green	\$ Green products	\$ Limited use or prohibited products	Notes
COMPUTERS, SERVERS		81%	\$ 3,900,519	\$ 926,381	88%	\$ 2,748,295	\$ 369,862	Some departments need specialty monitors that are not EPEAT gold. In 2011, data was not available from Computerland.
JANITORIAL CLEANERS	Bathroom, Tub, Tile	100%	\$ 108					In 2011, some City staff purchases could not be tracked because several contracts for vendors ended.
	Degreasers	86%	\$ 12,879	\$ 2,079	94%	\$ 72,452	\$ 4,976	
	General Purpose Cleaners	11%	\$ 22					
	Glass cleaners	0%		\$ 1,004	0%		\$ 7,654	
	TOTAL	80%	\$ 13,008	\$ 3,083	85%	\$ 72,452	\$ 12,630	
LIGHTING	Bulbs/Tubes	32%	\$ 165,589	\$ 357,482	26%	\$ 66,558	\$ 189,762	
	Ballasts	79%	\$ 40,187	\$ 10,837	48%	\$ 40,129	\$ 42,860	
	Fixtures				70%	\$ 24,594	\$ 10,534	
	TOTAL	18%	\$ 205,776	\$ 368,319	35%	\$ 131,282	\$ 243,157	
OFFICE SUPPLIES	Batteries (rechargeables AAA -D, 1.5-9 volt)	42%	\$ 10,421	\$ 24,732	40%	\$ 11,714	\$ 17,410	
TOTAL		76%	\$ 4,129,724	\$ 1,322,515	82%	\$ 2,963,742	\$ 643,060	

Table B. Batteries (AAA-D, 9-volt)

City staff are:

1. Required to buy rechargeables (lithium, NimH, hybrid). Free recycling boxes and pickup will be available.
2. Allowed to use non-rechargeable alkalines (LIMITED USE) but will have to pay SFDPH \$90/hr for recycling pickup. Alkalines are allowed for emergency equipment, or if rechargeables are not available in a reasonable time or price; or fail to meet performance standards.
3. Prohibited from buying Ni-Cad batteries.

Dept. & Staff	% rechargeables bought	\$ All batteries bought from Maltby. (Batteries should be bought from the contracted vendor, Staples.)
Library: Bill Bizjak	0%	\$ 13.80
Airport: Bill Lehw	0%	\$ 205.41
Airport: Willie Walsh	0%	\$ 718.31
City College Of San Francisco: Kevin Waight	0%	\$ 51.11
Municipal Railway: Alan Della Maggi	0%	\$ 169.11
Police: Victor Rothenberg	0%	\$ 4,003.13
Public Utilities Commission (Water): Edith Modie	0%	\$ 1,980.79
Purchasing: Bart Murphy	0%	\$ 302.00
Rec And Park:Declan Sharkey	0%	\$ 199.89
Rec And Park:Dominiq Bartosik	0%	\$ 399.59
Rec And Park:Ron Perez	0%	\$ 294.88
Technology: Benny Alcantara	0%	\$ 247.68
Total from Maltby	0%	\$ 8,585.69

Dept. & Staff	% rechargeables bought	\$ all batteries bought from Staples
a.salcedo	12%	\$ 132.02
Ada Aberilla	71%	\$ 13.74
Alexandria Ashley	0%	\$ 11.82
Alicia David	41%	\$ 380.03
Alicia Leon-Jhong	28%	\$ 122.30
Alicia Venegas	0%	\$ 50.31
Alicia Wong	0%	\$ 10.59
Allan Renken	0%	\$ 27.64
Alli Catzalco	53%	\$ 59.92
Amy Demonteverde	0%	\$ 10.35
Ana Carcamo	63%	\$ 564.47
Ana Segura	100%	\$ 13.62
Andrew Schoenwetter	100%	\$ 27.55
Angela Alvarez	0%	\$ 5.91
Angela Auyong	0%	\$ 284.81
Angela Winston	0%	\$ 18.94
Aniana Salcedo	0%	\$ 158.52
Anita Asturias	82%	\$ 31.75
Anna Chu	0%	\$ 191.80
Annette Yuk	26%	\$ 65.92
Annie Leary	0%	\$ 22.06
Anthony Vallergera	100%	\$ 1,501.34
Arica Bolbolian	100%	\$ 14.30
Arthur Khoo	100%	\$ 16.88
Asja Steeves	0%	\$ 6.35
Ay-Lih We	0%	\$ 14.39
Baby Ruth Santander	100%	\$ 28.60

Dept. & Staff	% rechargeables bought	\$ all batteries bought from Staples
Barbara Luedtke	0%	\$ 100.23
Beatrice Thomas	100%	\$ 38.94
Bernadette White	0%	\$ 23.56
Bernardita Espadilla	86%	\$ 211.75
Beth Tison	0%	\$ 50.44
Bill Caponera	0%	\$ 23.64
Bonnie Ma	0%	\$ 20.66
Brenda Mendieta	0%	\$ 51.75
Brett Conner	0%	\$ 8.83
Calling Li	98%	\$ 302.11
Camilla Arcia	0%	\$ 60.32
Carlos Paniagua	0%	\$ 52.22
Carmen Nolasco	0%	\$ 109.52
Carol Kaminski	100%	\$ 12.98
Carol Williams	0%	\$ 28.36
Carolyn Karlegan	0%	\$ 42.90
Cathy Davey	0%	\$ 152.46
Cecile Soliai	0%	\$ 12.40
Cecilia Martinez-Rios	100%	\$ 30.22
Cecilia Rustom	0%	\$ 1.54
Ceres Delapaz	0%	\$ 418.04
Charlene DeDios	0%	\$ 72.47
Charmaine Estacio	0%	\$ 4.58
Chief of Branches Office	0%	\$ 184.86
Chien/ ITSS	100%	\$ 8.62
Christia Mea	68%	\$ 84.32
Christina Ho	0%	\$ 3.12
Christina Ortiz	0%	\$ 81.10
Christine Hanson	0%	\$ 107.70
Christine Qiu	0%	\$ 53.66
Christine Schwartz	0%	\$ 9.47
Cici Fung	22%	\$ 157.35
Clayton Choy	0%	\$ 9.00
Collins	100%	\$ 74.62
Connie Gruber	34%	\$ 48.00
Cynthia Delacruz	25%	\$ 64.47
Cynthia Phan	0%	\$ 5.51
Daisy Avalos	0%	\$ 129.97
Debbie Toy	0%	\$ 33.42
Debbie Yeung	81%	\$ 16.74
Delia Quintero	100%	\$ 118.59
Denise Hammond	0%	\$ 30.14
Denisha Lewis	0%	\$ 19.57
Detlef Luebben	0%	\$ 66.60
Diana Oquendo	100%	\$ 64.79
Diane Perry	77%	\$ 90.10
Dino Duazo	7%	\$ 326.02
Dorothy Thomas	52%	\$ 49.60
Eddy Ang	81%	\$ 179.11

Dept. & Staff	% rechargeables bought	\$ all batteries bought from Staples
Eleanore Fernandez	100%	\$ 22.66
Elizabeth Fitzgerald	0%	\$ 14.75
Elizabeth Saiz	0%	\$ 51.75
Ella Empleo	96%	\$ 353.82
Ella Frenkel	0%	\$ 28.41
Elma Young	100%	\$ 101.71
Elsie Sanchez	100%	\$ 15.69
Elvira De Leon	0%	\$ 23.92
Emily Chau	54%	\$ 60.79
Emmanuel Yeboah	0%	\$ 26.18
Erica Mendoza	0%	\$ 85.68
Erika Vergara	0%	\$ 11.03
Feliciano Payumo	38%	\$ 361.78
Gail Van Sciver	0%	\$ 26.18
Gigi Borromeo	0%	\$ 87.79
Gina Priest	100%	\$ 58.16
Gladis Steinway	0%	\$ 277.20
Gladys Carey	100%	\$ 12.98
Gloria Lopez	0%	\$ 3.34
Gloria Ng	100%	\$ 68.39
Grace Alvendia	100%	\$ 568.83
Hammons	100%	\$ 25.96
Hernan Canas	26%	\$ 107.61
Howard Wong	0%	\$ 13.21
Iheoma Anoruo	0%	\$ 26.93
Irin Blanco	0%	\$ 9.47
Jane Arce	0%	\$ 77.40
Jane Chu	0%	\$ 132.00
Janet Austin	66%	\$ 43.08
Janet Winder	0%	\$ 81.35
Janin Cordoba	0%	\$ 17.73
Jason Bielski	100%	\$ 71.50
Jesse Cristo	100%	\$ 77.42
Jessie Katz	10%	\$ 586.76
Jn Kendall	44%	\$ 1,489.23
Joanna Au	0%	\$ 20.50
Joery Nacion	0%	\$ 88.57
Josie Cooper	100%	\$ 15.04
Josie Deocampo	0%	\$ 28.41
Josy Bayot	79%	\$ 59.41
Joyce Furlough	0%	\$ 109.45
Julie Creer	0%	\$ 17.26
Julie McDonald	0%	\$ 170.32
Julius Gawaran	17%	\$ 338.92
Kam Ko	100%	\$ 1,603.82
Karen Henderson	60%	\$ 64.23
Katherine Basconcillo	0%	\$ 32.72
Kathleen Toy	100%	\$ 242.08
Kathryn Nicholas	100%	\$ 9.77

Dept. & Staff	% rechargeables bought	\$ all batteries bought from Staples
Kathryn Won	92%	\$ 268.06
Kathy Chau	74%	\$ 36.15
kathy Shih	0%	\$ 36.80
Kayce Gibson	0%	\$ 12.71
Kenton Owyang	0%	\$ 7.19
Kristina Nelly	42%	\$ 70.19
Kristine Doan	0%	\$ 24.72
Laura Tham	0%	\$ 227.07
Lavinia Leung	0%	\$ 108.53
Lawrence Aviado	100%	\$ 115.69
Lee Mitchell	0%	\$ 10.35
Lena	64%	\$ 82.68
Lenise Kimes	0%	\$ 10.24
Lenora Journette	0%	\$ 5.51
Linda P. Lee	0%	\$ 5.51
Lisa Chan	0%	\$ 57.24
Lisa Degirolamo	0%	\$ 90.83
Lisa Mak	40%	\$ 253.14
Lise Chansin	59%	\$ 58.04
Liz Garcia	0%	\$ 7.68
Lizz Holman	0%	\$ 150.54
Lizzette Henriquez	0%	\$ 6.91
Lolita Espinosa	29%	\$ 54.25
Lorelei Patricio	66%	\$ 20.68
Lori Fobbs-Guillory	18%	\$ 78.10
Lucy Guzman	0%	\$ 21.78
Lulu Hwang	0%	\$ 60.94
Luzviminda Velasco	21%	\$ 329.51
Lyla Conrad	100%	\$ 10.22
Mabel Martinez	68%	\$ 46.72
Maggie Flores	100%	\$ 206.15
Maggie Onderdonk	0%	\$ 9.47
Maneerat Vipusithimakool	0%	\$ 42.89
Maria Frias	84%	\$ 34.64
Maria Garcia	57%	\$ 51.07
Maria Sosa	0%	\$ 76.92
Maribelle Manantan	91%	\$ 69.06
Marieje Arguelles	0%	\$ 42.26
Marina A Villena	0%	\$ 10.93
Mario Gonzalez	0%	\$ 10.62
Mario Yedidia	0%	\$ 12.20
Marisa Ramos	100%	\$ 115.56
Marisa Sum	0%	\$ 65.68
Martha Rendon	100%	\$ 13.11
Martha Yanez	100%	\$ 19.99
Marvin Ford	0%	\$ 23.92
Mary Lou Remo	0%	\$ 25.70
Mary May Beltran	0%	\$ 5.51
Maureen Flanigan	100%	\$ 51.54

Dept. & Staff	% rechargeables bought	\$ all batteries bought from Staples
Mauricio Rodriguez	97%	\$ 81.19
Melinda Reyes	100%	\$ 56.18
Mengo Darr	0%	\$ 72.81
Michael Kellogg	0%	\$ 59.35
Michelle Blalock	62%	\$ 49.82
Michelle Hooker	0%	\$ 15.95
Michelle Peters	100%	\$ 132.85
Minna Cotter	0%	\$ 21.78
Mintong Chen	80%	\$ 212.77
Monica Huynh	0%	\$ 35.46
Myisha Hervey	100%	\$ 14.30
Myrna Evangelista	0%	\$ 54.60
Nancy Banda	0%	\$ 91.17
Nancy Terranova	0%	\$ 53.72
Nathan Rodis	48%	\$ 83.14
Nick Majeski	0%	\$ 579.96
Nikole Ford	74%	\$ 71.43
Noreen Mangabay-Battle	0%	\$ 15.15
Nuvia Bolanos	0%	\$ 148.41
Pamela Jang	0%	\$ 8.68
Patrick Monette-Shaw	0%	\$ 180.86
Paul Virgil	0%	\$ 224.70
Pauline Gonzalez	0%	\$ 38.30
Phoebe Lim	0%	\$ 41.40
Pilar Salvador	83%	\$ 148.42
Priscilla Hart	48%	\$ 40.55
Rachel Cukierman	0%	\$ 3.24
Rana Calonsag	0%	\$ 32.50
Randy Swanson	0%	\$ 7.32
Raquel Vasquez	0%	\$ 8.88
Rebecca Ona	0%	\$ 39.90
Renee Anderson	0%	\$ 12.80
Renee Young	0%	\$ 3.15
Rey Salonga	0%	\$ 15.16
Rita Donahue	0%	\$ 152.87
Ritchele Arnaldo	0%	\$ 9.47
Robert Clark	0%	\$ 104.25
Robert Pineda	100%	\$ 39.06
Robin Earle	21%	\$ 262.14
Robin Earle/Louise Gomes	0%	\$ 22.06
Rochelle Magtibay	0%	\$ 168.42
Rosalinda Miran-Ramirez	0%	\$ 0.74
Roselinda Miran-Ramirez	0%	\$ 73.45
Ruby Ponce	0%	\$ 5.12
Sally Santoyo	100%	\$ 40.22
Samir Sakkal	0%	\$ 317.06
Sandra Poole	0%	\$ 71.61
Sarah Gieseke	59%	\$ 152.00
Selina Ho	0%	\$ 9.57

Dept. & Staff	% rechargeables bought	\$ all batteries bought from Staples
Serena Chuong	0%	\$ 5.51
Seretha Gallaread	0%	\$ 47.12
Shalise Bill	0%	\$ 152.16
Sharon Page Ritchie	100%	\$ 28.62
Sharon Salmon	88%	\$ 46.57
Shauna Rose	0%	\$ 29.08
Sheila Crawford	0%	\$ 6.89
Simon Nahel	0%	\$ 81.51
Sin Mei Leung	0%	\$ 3.97
Sophia Simpliciano	83%	\$ 105.98
Stacey Lo	0%	\$ 14.47
Stephani Thompson	0%	\$ 354.95
Stephanie Johnson	0%	\$ 295.36
Stephen Brooks	0%	\$ 105.16
Stephen Lee	91%	\$ 518.02
Sue Keller	0%	\$ 137.20
Susan Manzano	69%	\$ 112.28
Susie Choy	0%	\$ 35.18
Suzie Auyeung	54%	\$ 125.38
Tania Fokin	0%	\$ 294.03
Ted Davis	0%	\$ 346.18
Teresa Roiz	0%	\$ 38.51
Terry De La Paz	0%	\$ 432.79
Thomas Harvey	0%	\$ 161.89
Torita Mila	0%	\$ 19.68
Tyronne Juilan	0%	\$ 43.56
Vedasto Lucero	0%	\$ 1.54
Verma Walton	0%	\$ 52.56
Vickey Beltran	0%	\$ 7.40
Vicky Chu	64%	\$ 412.21
Victor Baja	0%	\$ 16.53
Victor Rothenberg	0%	\$ 1,383.08
Vincent Jones	0%	\$ 74.14
Virginia Van Patten	0%	\$ 28.98
Wendy Hamilton	85%	\$ 43.55
Wennie Columna	0%	\$ 10.35
Whitney D. Bagby	76%	\$ 716.93
Wong Ivy	0%	\$ 11.82
Yock Chow	0%	\$ 37.88
Zenaida Arguelles	67%	\$ 39.44
Zina Williams	0%	\$ 19.36
Zoe Taleporos	100%	\$ 39.51
Total from Staples	40%	\$ 29,124.06



Table B. Computers, Laptops, Monitors, Servers from SFApproved.org

EPEAT computers are less-toxic, energy-efficient; made with more recyclable materials; reduction of environmental impacts in product design, manufacturing, packaging, use, disassembly, recycling, and disposal.

Data is from contracted vendors the City was required to buy from in 2011: Enpointe, Xtech. Data was not available from Computerland.

Dept. & Staff	% green by staff	\$ by staff	% green by dept.	\$ by dept.	EPEAT Gold computers	EPEAT Silver computers	Not EPEAT computers	ENERGY STAR servers	Not ENERGY STAR servers
Admin Svcs: Janin Cordoba	100%	\$ 39,885	100%	\$ 39,885	\$ 39,885				
Airport: Michelle Trainer	68%	\$ 74,933	68%	\$ 74,933	\$ 50,627				\$ 24,306
Arts Commission: Michelle Chang	100%	\$ 14,501	100%	\$ 14,501	\$ 14,501				
Board of Appeals	100%	\$ 885	100%	\$ 885	\$ 885				
Board of Supervisors: Alvin Moses:	100%	\$ 2,442	100%	\$ 2,661	\$ 2,442				
Board of Supervisors: Erika Cheng:	100%	\$ 219		\$ 219					
Building Inspection	100%	\$ 9,840	100%	\$ 9,840	\$ 9,840				
Children, Youth & Families	100%	\$ 7,725	100%	\$ 9,163	\$ 7,725				
Children, Youth & Families: Shawn Ewing:	100%	\$ 1,438		\$ 1,438					
Controller: Grace Enriquez:	100%	\$ 35,237	100%	\$ 35,237	\$ 35,237				
District Attorney: Voltaire Almendrala:	100%	\$ 5,075	100%	\$ 5,075	\$ 5,075				
Ethics Commission	0%	\$ 1,950	0%	\$ 1,950			\$ 1,950		
Health Service System	100%	\$ 1,945	100%	\$ 6,445	\$ 1,945				
Health Service System: Wanda Woo:	100%	\$ 4,500		\$ 4,500					
Human Resources : Peter Stokes:	90%	\$ 24,251	90%	\$ 24,251	\$ 21,916		\$ 2,335		
Human Services: Nelly Ovando :	100%	\$ 3,300	100%	\$ 67,785	\$ 3,300				
Human Services: Nelly Ovando:	100%	\$ 64,485		\$ 64,485					
Library: Alicia Wong	100%	\$ 50,752	100%	\$ 67,626	\$ 50,752				
Library: Steven Lew:	100%	\$ 16,874		\$ 16,874					
Mayor's Office of Community Dev.: Karen Henderson:	100%	\$ 2,625	100%	\$ 2,625	\$ 2,625				
MTA Finance	100%	\$ 13,103	100%	\$ 13,103	\$ 13,103				
Office of Citizen Complaints: Chris Wisniewski:	100%	\$ 18,340	100%	\$ 18,340	\$ 18,340				
Planning	100%	\$ 15,501	100%	\$ 15,501	\$ 15,501				
Police	100%	\$ 5,620	100%	\$ 5,620	\$ 5,620				
Port	100%	\$ 12,558	100%	\$ 12,558	\$ 12,558				
Public Defender	100%	\$ 146,285	100%	\$ 146,285	\$ 146,285				
Public Health : Remy Doyle	97%	\$ 467,038	97%	\$ 518,468	\$ 451,091		\$ 15,947		
Public Health- General Hospital	100%	\$ 51,430		\$ 51,430					
Public Works: Jesse Cristo	100%	\$ 485	100%	\$ 485	\$ 485				
PUC Clean Water / Water Pollution Control	100%	\$ 2,820	100%	\$ 121,164	\$ 2,820				
PUC Finance: Maggie Davenport	100%	\$ 114,214			\$ 114,214				
PUC- WasteWater Enterprise Collection System Division: Andrew Ong	100%	\$ 1,260			\$ 1,260				
PUC Water Quality Bureau	100%	\$ 2,870			\$ 2,870				

Dept. & Staff	% green by staff	\$ by staff	% green by dept.	\$ by dept.	EPEAT Gold computers	EPEAT Silver computers	Not EPEAT computers	ENERGY STAR servers	Not ENERGY STAR servers
Rec & Park	100%	\$ 86,980	100%	\$ 86,980	\$ 86,980				
Registrar of Voters	100%	\$ 17,067	100%	\$ 17,067	\$ 17,067				
Rent Board: Delene Wolf	100%	\$ 20,473	100%	\$ 20,473	\$ 20,473				
Sheriff	100%	\$ 279	100%	\$ 279	\$ 279				
Status of Women: Carol Sacco	100%	\$ 7,230	100%	\$ 7,230	\$ 7,230				
Technology	100%	\$ 60,069	100%	\$ 60,069	\$ 60,069				
War Memorial	100%	\$ 13,830	100%	\$ 1,650	\$ 1,650				
War Memorial: Marilou Faro:			100%	\$ 12,180	\$ 12,180				
*Alicia C Wong	84%	\$ 52,900	84%	\$ 52,900	\$ 44,300		\$ 2,465		\$ 6,135
*Alicia Wong	97%	\$ 151,559	97%	\$ 151,559	\$ 146,481		\$ 5,079		
*Ana Carcamo	100%	\$ 1,954	100%	\$ 1,954	\$ 1,954				
*Anita Sevilla	0%	\$ 23,037	0%	\$ 23,037			\$ 2,103		\$ 20,935
*Belinda Blylock	23%	\$ 12,327	23%	\$ 12,327	\$ 2,869			\$ 9,458	
*Bernie Arrieta	0%	\$ 8,686	0%	\$ 8,686			\$ 8,686		
*Bo-Ming Ng	100%	\$ 12,587	100%	\$ 12,587	\$ 12,587				
*Brandon Nelson	100%	\$ 11,200	100%	\$ 11,200	\$ 11,200				
*Buck Lee	0%	\$ 4,000	0%	\$ 4,000					\$ 4,000
*Buckman Lee	26%	\$ 13,400	26%	\$ 13,400	\$ 3,458		\$ 6,414		\$ 3,529
*Candace Alexander	97%	\$ 113,787	97%	\$ 113,787	\$ 110,588	\$ 2,759	\$ 440		
*Carlos F Peza	100%	\$ 82,099	100%	\$ 82,099	\$ 81,883		\$ 216		
*Carlos F. Peza	97%	\$ 54,745	97%	\$ 54,745	\$ 53,276	\$ 464	\$ 1,005		
*Carlos F. Peza	100%	\$ 9,393	100%	\$ 9,393	\$ 9,393				
*Carlos Peza	75%	\$ 76,427	75%	\$ 76,427	\$ 57,407	\$ 5,058			\$ 13,962
*Charles Rivera	100%	\$ 6,144	100%	\$ 6,144	\$ 6,144				
*Chris Siu	100%	\$ 214	100%	\$ 214	\$ 214				
*Craig Lee	56%	\$ 31,283	56%	\$ 31,283	\$ 17,521		\$ 10,315	\$ 3,447	
*Daniel Cervantes	76%	\$ 8,406	76%	\$ 8,406	\$ 6,410	\$ 1,996			
*David Ishikawa	100%	\$ 41,602	100%	\$ 41,602	\$ 41,602				
*Dina Quesada	0%	\$ 12,245	0%	\$ 12,245			\$ 12,245		
*Eileen Marshall	100%	\$ 10,050	100%	\$ 10,050	\$ 10,050				
*Eric Bettencourt	0%	\$ 307	0%	\$ 307			\$ 307		
*Eric Ma	100%	\$ 17,869	100%	\$ 17,869	\$ 17,869				
*Erica Cheng	100%	\$ 195	100%	\$ 195	\$ 195				
*Fonda Davidis	0%	\$ 5,646	0%	\$ 5,646			\$ 5,646		
*Gary Yee	100%	\$ 1,172	100%	\$ 1,172	\$ 1,172				
*George Powers	62%	\$ 8,012	62%	\$ 8,012	\$ 4,970		\$ 3,043		
*Geraldine Silverio	98%	\$ 34,249	98%	\$ 34,249	\$ 33,468		\$ 781		
*Gerry Surban	86%	\$ 2,090	86%	\$ 2,090	\$ 1,788	\$ 302			
*Henry Chen	100%	\$ 556	100%	\$ 556	\$ 556				
*James Flowers	100%	\$ 354	100%	\$ 354	\$ 354				
*James Flowersss	100%	\$ 905	100%	\$ 905	\$ 905				
*Jamil Niazi	0%	\$ 44,160	0%	\$ 44,160				\$ 44,160	
*Javier Tous	0%	\$ 17,619	0%	\$ 17,619			\$ 17,619		
*Jim Brehmer	100%	\$ 1,053	100%	\$ 1,053	\$ 1,053				
*Jim Brehmer	87%	\$ 122,420	87%	\$ 122,420	\$ 106,244	\$ 4,462	\$ 11,713		
*John Applegarth	0%	\$ 41,660	0%	\$ 41,660			\$ 41,660		
*Jolie Gines	0%	\$ 2,226	0%	\$ 2,226				\$ 2,226	
*Khalil Boykin	100%	\$ 9,062	100%	\$ 9,062	\$ 9,062				

Dept. & Staff	% green by staff	\$ by staff	% green by dept.	\$ by dept.	EPEAT Gold computers	EPEAT Silver computers	Not EPEAT computers	ENERGY STAR servers	Not ENERGY STAR servers
*Lee Okumoto	100%	\$ 364	100%	\$ 364	\$ 364				
*Louis Huie	100%	\$ 1,560	100%	\$ 1,560	\$ 1,560				
*Lt Hardy	0%	\$ 708	0%	\$ 708					\$ 708
*Marc Tagaro	100%	\$ 63,945	100%	\$ 63,945	\$ 63,945				
*Marc W Tagaro	1%	\$ 33,668	1%	\$ 33,668	\$ 225	\$ 33,443			
*Maya Fischer	98%	\$ 78,210	98%	\$ 78,210	\$ 76,373				\$ 1,837
*Norman Goldwyn	100%	\$ 6,325	100%	\$ 6,325	\$ 6,325				
*Norman Nobel	0%	\$ 1,366	0%	\$ 1,366			\$ 1,366		
*Norman Noble	80%	\$ 17,834	80%	\$ 17,834	\$ 14,282		\$ 3,552		
*Paul Karawanny	0%	\$ 16,842	0%	\$ 16,842				\$ 16,842	
*Philips Mar	100%	\$ 225	100%	\$ 225	\$ 225				
*Phillip Mar	100%	\$ 18,100	100%	\$ 18,100	\$ 18,100				
*Rachael Perez	100%	\$ 4,716	100%	\$ 4,716	\$ 4,716				
*Rey Bernardo	90%	\$ 29,833	90%	\$ 29,833	\$ 26,738	\$ 3,095			
*Ricky Cristobal	100%	\$ 34,876	100%	\$ 34,876	\$ 34,876				
*Ron Bell	94%	\$ 132,780	94%	\$ 132,780	\$ 125,331	\$ 6,272	\$ 1,177		
*Ruben Vasquez	100%	\$ 10,047	100%	\$ 10,047	\$ 10,047				
*Stephen Roja	100%	\$ 276	100%	\$ 276	\$ 276				
*Steve Roja	100%	\$ 357	100%	\$ 357	\$ 357				
*Teddy Sia	76%	\$ 17,978	76%	\$ 17,978	\$ 13,575		\$ 4,403		
*UNKNOWN	100%	\$ 1,555	100%	\$ 1,555	\$ 1,555				
*Victor Zarazua	100%	\$ 156,700	100%	\$ 156,700	\$ 156,700				
*Voltaire Almendrala	100%	\$ 20,953	100%	\$ 20,953	\$ 20,953				
*Wanda Materre	100%	\$ 1,024	100%	\$ 1,024	\$ 1,024				
Grand Total	88%	\$ 3,118,157			\$ 2,748,295	\$ 57,852	\$ 160,467	\$ 76,132	\$ 75,411



TABLE C. Janitorial cleaners from SFApproved.org

Cleaners the City is required to buy have been screened for ingredients that can cause cancer, infertility, asthma, severe eye, liver or kidney damage. Non-green, ready-to-use products cost 15 times more than equivalent, concentrated green cleaners.

Summary below compiled from [this data](#) from some of contracted vendors the City is required to buy from: Champion, Santora, United, Waxie.

Data was not available for all products the City is required to buy (bathroom or general purpose cleaners, or bath tissue, paper towels, seat covers)

Dept. & Staff	% green by staff	\$ by staff	% green by dept.	\$ by dept.	DEGREASER: Liquid Sunshine 777 (REQUIRED)	Prohibited DEGREASER	Prohibited GLASS cleaner
DPW : Brooks Fenton	0%	\$ 785	93%	\$ 28,847			\$785
DPW : Joel Prather	0%	\$ 783					\$783
DPW : John Lee	100%	\$ 26,751			\$ 26,751		
DPW : Mark Vanlooy	0%	\$ 211			\$211		
DPW : Mike Kelly	0%	\$ 318					\$318
Library: Darren Brown	100%	\$ 9,848	100%	\$ 9,848	\$ 9,848		
MTA: Pat Lloyd	100%	\$ 14,394	100%	\$ 14,394	\$ 14,394		
Port: Gene Sheets	0%	\$ 334	0%	\$ 3,612			\$334
PUC: George Dugan	0%	\$ 955				\$955	
PUC: Mabel Chow	0%	\$ 348					\$348
PUC: Olee Wade	0%	\$ 155					\$155
PUC: Ray Mattias	0%	\$ 955				\$955	\$348
PUC: Tomio Takeshita	0%	\$ 517				\$517	
Real Estate: Joe Stelmak	100%	\$ 7,828	100%	\$ 16,373	\$ 7,828		
Real Estate: Otis Williams	100%	\$ 8,545			\$ 8,545		
SFSD: Ken Ford	100%	\$ 1,727	100%	\$ 1,727	\$ 1,727		
UNKNOWN	59%	\$ 5,697	59%	\$ 5,697	\$ 3,359	\$2,338	\$4,584
Grand Total	85%	\$ 85,082			\$ 72,452	\$4,976	\$7,654

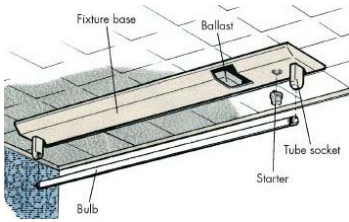


Table F. Lighting Fixtures

Fixtures the City is required to buy are more energy-efficient and long-lasting.

Data is from contracted vendors from which the City is required to buy: Maltby and Omega Pacific.

Dept & Staff	% Green by Customer	\$ by City Staff	% Green by Dept.	\$ by Dept.	REQUIRED GREEN FIXTURES: REQUIRED: 4-pin CFL, Pulse Start Metal Halide, energy-efficient, low-mercury lighting, LED (e.g., exit sign)	LIMITED USE FIXTURES: Incandescent lamp and motion sensor, Incandescent Sealed Beam Lamps, Halogen, HID MAGNETIC (for Pulse Start MH lamps), HPS Probe Start, Metal Halide	PROHIBITED FIXTURES: 4-foot T8 fluorescent without high-efficiency ballasts, circular T9 fluorescent, incandescent, preheat fluorescent, probe start metal halide
Airport: William Co	0%	\$ 49.93	0%	\$ 49.93			\$49.93
City College: Kevin Waight	0%	\$ 169.00	0%	\$ 169.00			\$169.00
Human Services: Albert	0%	\$ 547.64	0%	\$ 547.64		\$140.64	\$407.00
Library: Bill Bizjak	0%	\$ 427.60	0%	\$ 427.60			\$70.52
MTA: Alan Della Maggi	0%	\$ 371.96	0%	\$ 2,530.54			\$371.96
MTA: Steve Russell	0%	\$ 367.48			\$29.60	\$337.88	
MTA: Tony San Jose	0%	\$ 1,791.11			\$1,347.13	\$443.98	
Public Works: Cabrera, Willie	3%	\$ 748.63	31%	\$ 6,446.81	\$25.00	\$350.00	\$373.63
Public Works: Carmichael, Rona	32%	\$ 4,519.16			\$1,464.37	\$1,014.45	\$2,040.34
Public Works: Hajjar, Chad	42%	\$ 1,179.02			\$499.34	\$679.68	
PUC: Dave Spinetta	64%	\$ 800.05	89%	\$ 21,946.76	\$512.05	\$288.00	
PUC: Gene Welch	72%	\$ 5,274.72			\$3,800.00	\$998.72	\$476.00
PUC: Jack Patterson	91%	\$ 5,065.88			\$4,626.10		\$439.77
PUC: John Kyllonen	94%	\$ 1,292.02			\$1,218.88		\$73.14
PUC: Mike Maraviglia	99%	\$ 9,514.09			\$9,438.25	\$75.84	

Dept & Staff	% Green by Customer	\$ by City Staff	% Green by Dept.	\$ by Dept.	REQUIRED GREEN FIXTURES: REQUIRED: 4-pin CFL, Pulse Start Metal Halide, energy-efficient, low-mercury lighting, LED (e.g., exit sign)	LIMITED USE FIXTURES: Incandescent lamp and motion sensor, Incandescent Sealed Beam Lamps, Halogen, HID MAGNETIC (for Pulse Start MH lamps), HPS Probe Start, Metal Halide	PROHIBITED FIXTURES: 4-foot T8 fluorescent without high-efficiency ballasts, circular T9 fluorescent, incandescent, preheat fluorescent, probe start metal halide
Purchasing: Bart Murphy	100%	\$ 53.17	100%	\$ 53.17	\$53.17		
Real Estate: Ken Hangartner	100%	\$ 219.99	100%	\$ 219.99	\$219.99		
Rec & Park: Declan Sharkey	100%	\$ 1,280.12	100%	\$ 2,353.31	\$1,280.12		
Rec & Park: Helen Vozenilek	100%	\$ 876.92			\$876.92		
Rec & Park: Ryan Jackson	100%	\$ 196.27			\$196.27		
SFUSD: Tony Chavez	100%	\$ 384.04	100%	\$ 384.04	\$384.04		
Total	70%	\$35,128.77			\$24,594.49	\$4,924.06	\$5,253.14

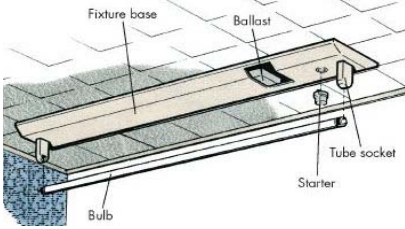


Table E. Lighting: Ballasts from SFApproved.org

Ballasts the City is required to buy are more energy-efficient and long-lasting.

Data is from contracted vendors from which the City is required to buy: Maltby and Omega Pacific.

Dept & Staff	% Green by Customer	\$ by City Staff	% Green by Dept.	\$ by Dept.	GREEN BALLASTS Fluorescent Electronic: CFL, 4-pin; INSTANT START, (standard efficiency for non-4-foot T8s); INSTANT START, NEMA	LIMITED USE BALLASTS: Fluorescent, Electronic for T12; HID: Magnetic (for Cycling, Non-cycling HPS); MAGNETIC Ballast (for all Pulse	PROHIBITED BALLASTS: Fluorescent, Electronic, RAPID start for T8; Fluorescent, Magnetic	
Airport	0%	\$ 1,728.19	47%	\$ 39,705.02		\$ 1,728.19		
Airport: Barry Neal	0%	\$ 1,376.95					\$ 1,376.95	
Airport: Bill Lehw	53%	\$ 35,483.88				\$ 18,762.34	\$ 15,183.58	\$ 1,537.96
Airport: William Co	0%	\$ 1,116.00					\$ 1,116.00	
Candlestick Park	82%	\$ 1,840.32	82%	\$ 1,840.32	\$ 1,515.00	\$ 325.32		
City College	50%	\$ 2,873.09	48%	\$ 3,008.09	\$ 1,435.25	\$ 1,437.84		
City College: Kevin Waight	0%	\$ 135.00					\$ 135.00	
Fire	100%	\$ 128.92	100%	\$ 128.92	\$ 128.92			
Human Services: Albert Bhroom	100%	\$ 627.28	42%	\$ 2,249.53	\$ 627.28			
Human Services: Jose Escobar	19%	\$ 1,622.25				\$ 316.29	\$ 1,305.96	
Juvenile Probation	100%	\$ 167.60	100%	\$ 167.60	\$ 167.60			
Library	100%	\$ 951.50	90%	\$ 1,058.59	\$ 951.50			
Library: Larry Ferraz	0%	\$ 107.09					\$ 107.09	
Mta	23%	\$ 4,014.20	23%	\$ 4,014.20	\$ 927.40	\$ 3,086.80		
Port:	100%	\$ 190.30	100%	\$ 190.30	\$ 190.30			
Public Health General Hospital	65%	\$ 884.52	74%	\$ 1,956.57	\$ 570.90	\$ 313.62		
Public Health: John Tam	82%	\$ 1,072.05				\$ 878.38		\$ 193.67
Public Works	62%	\$ 3,336.54	39%	\$ 5,746.90	\$ 2,069.50	\$ 1,267.04		
Public Works: Cabrera, Ruben	0%	\$ 50.25					\$ 50.25	
Public Works: Franko, Robert	7%	\$ 2,360.12				\$ 153.97	\$ 2,206.15	
PUC	62%	\$ 1,683.60	16%	\$ 9,864.92	\$ 1,044.20	\$ 639.40		
PUC: Dave Clarkson	0%	\$ 528.62					\$ 528.62	
PUC: Denis Brabant	0%	\$ 810.00					\$ 810.00	
PUC: Gene Welch	65%	\$ 854.77				\$ 554.10	\$ 300.67	
PUC: Jack Patterson	0%	\$ 600.00					\$ 600.00	
PUC: Jonathan Myers	0%	\$ 3,172.97					\$ 3,172.97	
PUC: Neil Denatale	0%	\$ 299.99					\$ 299.99	
PUC: Tim Bell	0%	\$ 1,914.99					\$ 1,914.99	
Real Estate: Ken Hangartner	100%	\$ 70.06	100%	\$ 70.06	\$ 70.06			
Rec & Park	67%	\$ 6,118.70	68%	\$ 6,353.71	\$ 4,085.70	\$ 2,033.00		
Rec & Park: Declan Sharkey	100%	\$ 169.10				\$ 169.10		
Rec & Park: Helen Vozenilek	100%	\$ 65.91				\$ 65.91		
School District: Tony Chavez	100%	\$ 3,377.61	100%	\$ 3,377.61	\$ 3,377.61			
Sheriff	60%	\$ 2,989.96	60%	\$ 2,989.96	\$ 1,800.60	\$ 579.96	\$ 609.40	
Zoo: Brian Brim	100%	\$ 266.86	100%	\$ 266.86	\$ 266.86			
Grand Total	48%	\$ 82,989.16			\$ 40,128.75	\$ 40,519.38	\$ 2,341.03	



Table D. Lighting: bulbs/tubes from SFApproved.org

Bulbs/tubes the City is required to buy have less mercury (Hg) which is toxic. And they are more energy-efficient and long-lasting.

Dept & Staff	% Green by Customer	\$ by City Staff	% Green by Dept.	\$ by Dept.	GREEN= CFL <5mg Hg, 4-pin; Electronic; Self-ballasted, Energy Star. FLUORESCENT (80+ CRI, Electronic): instant start, standard efficiency non-4' T8; T5 Linear, T8 4', ECO, long life; non-4' T8 Linear. HID, Metal Halide,	LIMITED USE= Fluorescent: T9 Circular; CFL, 2-pin, <5 mg of Hg; Preheat, T12, T8 not long life; T8 with CRI >75<80. Halogen. HID, HPS, metal halide: cycling or probe start. Incandescent (non-A shape)	PROHIBITED= CFL, Self-Ballasted, not ENERGY STAR, or >5mg of Hg. Fluorescent: 4' T8, Not TCLP/ECO, CRI <80, NOT long life; Magnetic Except Preheat. HID, Mercury Vapor. Incandescent, Exit Sign or A-shape.
Asian Art Museum: Evan Klerstead	0%	\$ 10.65	0%	\$ 10.65		\$ 10.65	
Airport:	64%	\$ 59,305.39	63%	\$ 59,697.36	\$ 37,767.40	\$ 21,353.43	\$ 184.56
Airport: Bill Lehew	9%	\$ 391.97			\$ 33.95	\$ 181.59	\$ 176.43
Candlestick Park:	0%	\$ 488.88	0%	\$ 488.88		\$ 128.52	\$ 360.36
Central Shop:	0%	\$ 19.52	0%	\$ 19.52		\$ 19.52	
City College :	10%	\$ 1,021.29	15%	\$ 1,094.45	\$ 104.61	\$ 144.48	\$ 772.20
City College: Kevin Waight	81%	\$ 73.16			\$ 58.92	\$ 14.24	
City Hall:	5%	\$ 4,514.93	5%	\$ 4,514.93	\$ 240.48	\$ 4,274.45	
Davies Symphony Hall:	17%	\$ 1,354.36	17%	\$ 1,354.36	\$ 229.80	\$ 952.32	\$ 172.24
Fire:	8%	\$ 1,815.73	8%	\$ 1,815.73	\$ 151.31	\$ 583.34	\$ 1,081.08
Hall Of Justice:	0%	\$ 1,028.64	0%	\$ 1,028.64		\$ 513.84	\$ 514.80
Human Svc :	0%	\$ 889.39	0%	\$ 889.39		\$ 65.70	\$ 823.69
Juvenile Probation:	0%	\$ 363.84	0%	\$ 363.84		\$ 363.84	
Library:	58%	\$ 16,617.96	58%	\$ 16,628.29	\$ 9,583.60	\$ 4,984.76	\$ 2,049.60
Library: Bill Bizjak	100%	\$ 10.33			\$ 10.33		
MTA (Muni):	2%	\$ 71,730.51	3%	\$ 71,964.72	\$ 1,770.18	\$ 68,365.53	\$ 1,594.80
MTA: Alan Della Maggi	100%	\$ 20.10			\$ 20.10		
MTA: Steve Neff	100%	\$ 14.00			\$ 14.00		
MTA: Steve Russell	83%	\$ 200.11			\$ 166.42	\$ 11.36	\$ 22.33
Port:	38%	\$ 1,236.48	39%	\$ 1,253.73	\$ 472.20	\$ 630.36	\$ 133.92
Port: John Leonard	100%	\$ 10.37			\$ 10.37		
Port: Kevin Quan	100%	\$ 6.88			\$ 6.88		
Public Health (General Hospital):	69%	\$ 10,737.74			\$ 7,421.58	\$ 1,893.44	\$ 1,422.72

Dept & Staff	% Green by Customer	\$ by City Staff	% Green by Dept.	\$ by Dept.	GREEN= CFL <5mg Hg, 4-pin; Electronic; Self-ballasted, Energy Star. FLUORESCENT (80+ CRI, Electronic): instant start, standard efficiency non-4' T8; T5 Linear, T8 4', ECO, long life; non-4' T8 Linear. HID, Metal Halide,	LIMITED USE= Fluorescent: T9 Circular; CFL, 2-pin, <5 mg of Hg; Preheat, T12, T8 not long life; T8 with CRI >75<80. Halogen. HID, HPS, metal halide: cycling or probe start. Incandescent (non-A shape)	PROHIBITED= CFL, Self-Ballasted, not ENERGY STAR, or >5mg of Hg. Fluorescent: 4' T8, Not TCLP/ECO, CRI <80, NOT long life; Magnetic Except Preheat. HID, Mercury Vapor. Incandescent, Exit Sign or A-shape.
Public Health (Mental Health):	31%	\$ 349.29	67%	\$ 11,224.49	\$ 108.51	\$ 240.78	
Public Health:	0%	\$ 93.60					\$ 93.60
Public Health: John Tam	68%	\$ 43.86			\$ 30.00	\$ 13.86	
Public Works:	17%	\$ 8,197.33	17%	\$ 8,296.01	\$ 1,403.29	\$ 6,434.40	\$ 359.64
Public Works: Cabrera, Ruben	0%	\$ 9.87				\$ 9.87	
Public Works: Franko, Robert	25%	\$ 86.36			\$ 21.33	\$ 65.03	
Public Works: O'dowd, Brigid	0%	\$ 2.45				\$ 2.45	
PUC (Millbrae):	0%	\$ 102.96					\$ 102.96
PUC (Water Quality):	0%	\$ 249.96				\$ 249.96	
PUC:	0%	\$ 354.48				\$ 148.56	\$ 205.92
PUC Bureau Of Light, Heat, P/M:	4%	\$ 59,007.45	5%	\$ 60,718.62	\$ 2,569.44	\$ 56,438.01	
PUC: Dave Clarkson	0%	\$ 17.46				\$ 17.46	
PUC: Denis Brabant	0%	\$ 17.04				\$ 17.04	
PUC: Gene Welch	22%	\$ 37.88			\$ 8.19	\$ 29.68	
PUC: Jack Patterson	39%	\$ 55.40			\$ 21.33	\$ 34.07	
PUC: John Kyllonen	0%	\$ 33.32				\$ 33.32	
PUC: Jonathan Myers	7%	\$ 458.49			\$ 32.11	\$ 426.38	
PUC: Mike Maraviglia	63%	\$ 283.20			\$ 177.43	\$ 94.97	\$ 10.80
PUC: Neil Denatale	0%	\$ 66.58				\$ 66.58	
PUC: Tim Bell	0%	\$ 34.39				\$ 34.39	
Real Estate:	0%	\$ 1,132.38	0%	\$ 1,153.33		\$ 360.18	\$ 772.20
Real Estate: Bernard Sandoval	0%	\$ 14.00				\$ 14.00	
Real Estate: Ken Hangartner	0%	\$ 6.95				\$ 6.95	

Dept & Staff	% Green by Customer	\$ by City Staff	% Green by Dept.	\$ by Dept.	GREEN= CFL <5mg Hg, 4-pin; Electronic; Self-ballasted, Energy Star. FLUORESCENT (80+ CRI, Electronic): instant start, standard efficiency non-4' T8; T5 Linear, T8 4', ECO, long life; non-4' T8 Linear. HID, Metal Halide,	LIMITED USE= Fluorescent: T9 Circular; CFL, 2-pin, <5 mg of Hg; Preheat, T12, T8 not long life; T8 with CRI >75<80. Halogen. HID, HPS, metal halide: cycling or probe start. Incandescent (non-A shape)	PROHIBITED= CFL, Self-Ballasted, not ENERGY STAR, or >5mg of Hg. Fluorescent: 4' T8, Not TCLP/ECO, CRI <80, NOT long life; Magnetic Except Preheat. HID, Mercury Vapor. Incandescent, Exit Sign or A-shape.
Rec & Park:	30%	\$ 5,465.69	30%	\$ 5,520.34	\$ 1,654.12	\$ 2,593.87	\$ 1,217.70
Rec & Park: Bill Gunn	0%	\$ 28.00			\$ 28.00		
Rec & Park: Declan Sharkey	0%	\$ 5.22			\$ 5.22		
Rec & Park: Helen Vozenilek	0%	\$ 21.44			\$ 21.44		
School District: Nick	100%	\$ 24.86	100%	\$ 27.47	\$ 24.86		
School District: Tony Chavez	100%	\$ 2.61			\$ 2.61		
Sheriff:	36%	\$ 6,750.21	36%	\$ 6,750.21	\$ 2,402.04	\$ 2,222.37	\$ 2,125.80
Technology: Benny Alcantara	0%	\$ 1.46	0%	\$ 1.46		\$ 1.46	
War Memorial:	0%	\$ 1,197.00	0%	\$ 1,290.41		\$ 1,197.00	
War Memorial: Jim Jacobs	0%	\$ 93.41			\$ 93.41		
Zoo: Angela Potts	100%	\$ 9.58	19%	\$ 213.92	\$ 9.58	\$ -	
Zoo: Brian Brim	5%	\$ 124.92			\$ 6.38	\$ 118.54	
Zoo: Lorena Cota	31%	\$ 79.41			\$ 24.92	\$ 52.11	\$ 2.38
Grand Total			26%	\$256,320.74	\$ 66,558.28	\$ 175,562.73	\$ 14,199.73