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May 5, 2017

LeRoy Jackson, City Manager
City of Torrance
3031 Torrance Blvd.

INVOICE

Torrance, CA 90503

Dear LeRoy,

The South Bay Cities Council of Governments (SBCCOG) has had another successful year working with our member cities and the county to help advance important programs as well as to develop tools and maximize resources for our members. What follows on the attached pages are the activities and accomplishments of the SBCCOG for the period of April 1, 2016 through March 31, 2017 as well as those that specifically benefited the City of Torrance. We ask that you share these pages with your City Council.

As indicated in the chart below, dues make up a small percentage (11%) of the overall revenues showing the high return cities are receiving on their dues investment.

City of Torrance Membership Dues for Fiscal Year 2017-2018: \$41,464

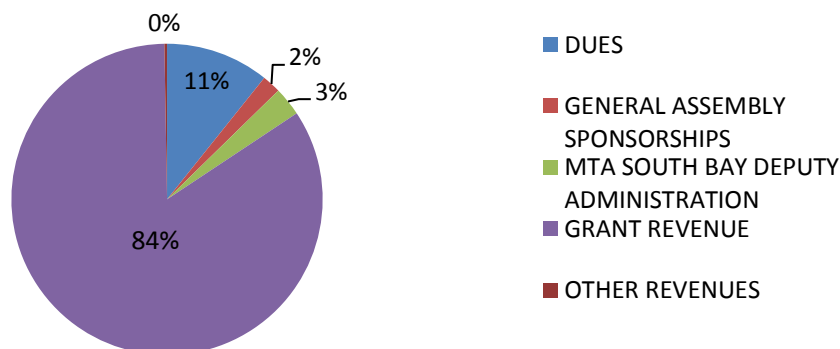
TOTAL AMOUNT DUE: *\$41,464

*This amount reflects a 6% increase recommended by the SBCCOG Ad Hoc Finance Committee and will be considered for final approval at the 2017 May Board meeting.

Mail check payable to: South Bay Cities Council of Governments
20285 South Western Avenue, Suite 100
Torrance, California 90501

Thank you

Annual Revenue by Source



Benefit to the City of Torrance from SBCCOG Membership Program accomplishments from April 1, 2016 through March 31, 2017

Measure R South Bay Highway Program (SBHP)

Working with members' Public Works Departments, SBCCOG helps local jurisdictions develop, fund, and deliver Measure R and SBHP projects.

Measure R

[9] Active and committed MR/SBHP projects and project studies in Torrance valued at \$61,136,000

- **Monitoring SBHP project progress and assisting lead agencies to resolve Caltrans and Metro issues**
- **Project management training**
- **Green Line South Bay Extension advocacy**

Participating in the Development of the Measure M Guidelines & Monitoring Metro Issues

- **Advocating for South Bay priorities in the Measure M sales tax expenditures**
- **Increasing awareness of non-Measure R and M sub-regional and regional funding and grant opportunities**
- **Administration of the SBCCOG's Infrastructure Working Group and Transportation Committee**

Climate Action Planning (CAP) – Strategic Growth Council (SGC) Grant

The Land Use and Transportation, Greening, Solid Waste, and Energy Generation/Storage chapters are being developed for every city. The Greening, Solid Waste, and Energy Generation/Storage strategies have been presented to each city and are being approved by city staff. All the chapters will be completed by the end of 2017 and added to the Energy Efficiency chapter that was approved in 2015. The comprehensive CAP will be provided to each city for their council's approval. This work is funded through a Strategic Growth Council grant in partnership with Metro.

Climate Action Planning (CAP)

SBCCOG received over \$985,048 in grants for CAP development. Individual cities can spend \$120,000 or more based on their size and complexity of the plan.

Municipal Energy Efficiency & Energy Leader Partnership Program

Torrance has completed municipal energy efficiency projects achieving the Gold Level as a participant in the Energy Leader Partnership program. Because the SBCCOG works in partnership with SCE, this level allows the City to receive incentives in amount of .09 cents for every kWh saved over and above the regular incentive amount. In addition, the SBCCOG member cities are eligible for Municipal Direct Install (free equipment) program from SCE.

Gold Municipal Energy Leader

- [479,923] kWh Saved**
- [\$70,073] Cash to General Fund (incentives)**
- [\$74,907] Annual Energy Cost Savings**
- [370] Tons of CO2 Emissions reduced**

Municipal Direct Install for Torrance

- [63,651.77] kWh saved**
- [21.52] KW saved**
- [\$139,925.62] Value of Equipment Directly Installed received for free**

Battery Electric Vehicle Promotion – Charging Station Siting and Installation in Multi-Unit Dwellings (CEC) Grant

Work was completed on a 2-year grant from the California Energy Commission to research the deployment of electric vehicle charging stations in multi-family dwellings (MUD) in the South Bay. SBCCOG teamed with the UCLA Luskin Center for Innovation to analyze the South Bay's MUD inventory and parking features. From this analysis, a sample of properties was identified and field research was done to describe the readiness of different types of MUDs for electric vehicle charging stations (EVCS). Completion of the project included workshops for Apartment Owners and HOA members as well as a regional video conference policy workshop co-hosted by the SBCCOG and SCAG. Information obtained in this research will be used to inform the Land Use and Transportation elements of the City CAP as well as the Sub-Regional South Bay CAP regarding issues important to electric vehicle deployment.

Readiness of different types of MUDs for EVCS

- [1] Workshop were held for a Torrance HOA**
- [1] Regional workshop featuring Torrance “One Mile One Charge”**
- [2] Workshops held for apartment owners**

Travel Pal – Smart Mobility Tool

Funded through a grant from LA Metro this two-year demonstration project focuses on developing and testing an integrated Smart Mobility Tool (SMT) – aka **South Bay Travel Pal** – for rideshare and trip planning within the South Bay and in the Greater Los Angeles area. The platform has been made available to public and private organizations, as well as residents. Employers, event planners, and small groups are testing the tool to help identify mobility options which reduce solo driving.

Travel Pal – Smart Mobility Tool (SMT)

- [32] Outreach events in Torrance
- [172] Torrance residents are members of Travel Pal
- [170] Torrance Employees registered to use the tool to help them identify alternate transportation modes to work.

Renewable South Bay

Renewable South Bay is focused on providing information to the general public on renewables including solar. In addition, the program looks at solar adoption through working with cities and reviewing solar permit information. The SBCCOG promotes this program using Property Assessed Clean Energy (PACE) to finance residential solar projects.

HERO and YGRENE PACE

SBCCOG receives funding for a small percentage of the HERO and YGRENE activities in the South Bay in return for promoting PACE. These programs help residents and business implement energy efficiency and renewable energy projects.

HERO PACE

- [289] Projects completed in Torrance
- [1,683,351] kWh saved [419] CO2 reduced (tons)
- [1,957] Overall projects completed in South Bay
- [11,123,556] kWh saved [2,734] CO2 reduced (tons)

YGRENE PACE

- [28] Projects completed in Torrance
- [7,552,428] kWh saved [1,318] CO2 reduced (tons)
- [294] Overall projects created in South Bay
- [53,941,651] kWh saved [9,819] CO2 reduced (tons)

Green Building Challenge

In August of 2015, SBCCOG launched the Green Building Challenge, a free, online competition for South Bay commercial buildings and business. The first phase of the Challenge ended in August 2016, with a recognition awards breakfast held on September 28, 2016. The current focus of the Green Building Challenge is to facilitate activities that reduce energy use, water consumption, and waste while maximizing the use of incentives and rebates. By having businesses participate in the Green Building Challenge, they contribute to city CAP Community Implementation Strategies.

Green Building Challenge (GBC)

- [35] Businesses participating in Torrance
- [177] Total businesses participating in the South Bay
- [83] Outreach efforts to Torrance businesses
- [1] Business in Torrance (Walser's) participated in an ASHRAE Level 1 audit
- [1] Business in Torrance (Philly's Best) received the GBC Environmental Stewardship for Restaurants award
- [5] Businesses referred to the SCE Non-Residential Direct Install program in Torrance

Commercial Direct Install

SBCCOG, in partnership with SCE, offered the Commercial Direct Install Program to businesses in Torrance. The Commercial Direct Install Program was a way for businesses to reduce energy costs and save money. The program provided qualifying businesses with FREE energy-efficient products, FREE installation, and long-term energy savings.

Commercial Direct Install

- [53] Torrance businesses participated
- [320,774] kWh saved
- [240] South Bay businesses participated
- [1,509,787] kWh saved

Cash for Kitchens

SBCCOG, in partnership with West Basin Municipal Water District (WBMWD) and Torrance Water, administers the Cash for Kitchens program. This free program is designed to provide water-use assessments for restaurants, and commercial kitchens, including public agency, non-profits, corporations, and hotels. Participants may qualify to receive free water-saving devices

such as pre-rinse sprayers, faucet aerators, and faucet flow control valves, along with information on rebates for ice machines and kitchen steamers. Participants receive conservation training for staff.

Cash for Kitchens Assessments

- [5] Water-use assessments for Torrance kitchens**
- [23] New kitchens in South Bay participated**
- [21] Kitchens that received assessments in the past in the South Bay had a follow-up visit**

Trainings & Workshops offered to South Bay Residents and Businesses

Trainings & Workshops

- [2] Basic HVAC Seminars**
- [1] Basic LED Technology for Commercial and/or Municipalities SCE Seminar**
- [1] Building Economic Resilience: Removing the Financing Barriers to Your Energy Efficiency, Water, and Solar Upgrades**
- [1] CALGreen Title 24 Part II SCE Seminar**
- [11] California Friendly Landscape Training (CFLT) in South Bay**
 - [4] CFLT in Torrance (102 residents attended)**
- [5] Greywater Workshops**
- [1] Moving Towards Zero Waste: Minimizing Your Impact on The Environment**
- [4] Making Your Home Healthier and More Comfortable The Energy and Water Efficiency Way**
- [1] Workshop for Leadership Torrance**
- [4] Home Depot Plant Sale events**
 - [1] in Torrance**

Weather Based Irrigation Controllers (Giveaway)

SBCCOG, in partnership with WBMWD, administered the Weather Based Irrigation Controller program. Old controllers are exchanged for new, smart weather-based controllers & weather sensors, which detect rain and freeze-conditions shutting down irrigation systems to conserve water. Torrance residents who have California Water Services as their water provider were eligible to participate.

Weather Based Irrigation Controller Exchanges

- [3]** Controllers exchanged for Torrance residents
- [3]** Households in Torrance participated
- [8]** Exchange events held in South Bay
- [207]** Total controllers exchanged in the South Bay
- [202]** Total households participated in the South Bay

Rain Barrel Distribution (Giveaway)

SBCCOG, in partnership with WBMWD, administered the Rain Barrel Giveaway events. Rain Barrels collect and reuse rainwater reducing the amount of water flowing into storm drains and local waterways, promoting water use efficiency. The rain barrels are made from repurposed food barrels and can collect 55 gallons of water. Additionally, SBCCOG, in partnership with Torrance Department of Public Works, administered one Rain Barrel giveaway event.

Rain Barrel Distribution

- [6]** Distribution events held in South Bay, of which 1 was in Torrance
- [501]** Rain barrels were given to Torrance residents
- [314]** Households in Torrance participated
- [2,119]** Total rain barrels distributed in the South Bay
- [1,218]** Total households participated in the South Bay

Holiday Light Exchange (Giveaway)

SBCCOG conducts an annual Holiday Light Exchange where the general public can exchange their old energy-guzzling incandescent strands for energy saving LED holiday lights, reducing their energy use by 80 percent. The plugs on the old lights are cut off and the wiring and glass are recycled so that they never can be used again.

Holiday Light Exchange

- [410]** Strands of LED holiday lights were distributed to residents throughout the South Bay
- [101]** Strands exchanged with residents of Torrance

Volunteers

The SBCCOG has volunteers who perform a variety of tasks including community outreach, office support, and special projects. Because of our volunteers, SBCCOG was able to have a presence at over 100 community events in the South Bay during the last year.

Volunteers

- [7] Volunteers are Torrance residents
- [537] Hours donated by Torrance volunteers
- [35] Total volunteers from the South Bay
- [1,740.69] Total hours donated from all volunteers

Providing resources through South Bay Environmental Services Center (SBESC)

- Through the SBESC, sustainability articles are sent to cities and councilmembers for their newsletters.
- SBESC responds to requests for information displays at Town Halls and other special events.
- Through our consulting engineer, cities can obtain general advice, audits of their facilities and assistance with rebates and incentives.

SBCCOG Website resources

- Calendar and Agendas of SBCCOG meetings and events
- Links – Agencies, Legislators, Chamber of Commerce
- Presentations
- SBCCOG Publications and Reports
- City Profiles
- Other Agency Publications and Reports
- SBCCOG programs

Special Projects

Carson Micro-Grid Project

SBCCOG, through a consulting team, is working with the City of Carson on Phase 1 of a California Energy Commission Grant to design a “shovel-ready” Net Zero Energy Community. The project goal is to offset all electricity and natural gas usage for designated city facilities and, through energy production, incorporate and provide electric vehicle charging infrastructure within and throughout the City. If planning for the project is approved, Phase 2 funding would be available for implementation that could serve as

a model and showcase for community-wide sustainability systems and the development of the local electric vehicle market.

Anaerobic Digester CEC Grant Application (Inglewood/Hermosa Beach)

SBCCOG was the lead agency in the submission of a California Energy Commission Electric Program Investment Charge grant to test “Community-Scale” Anaerobic Digester technology as an alternative fuel – one that would mitigate organic waste from local landfills while, at the same time, powering local electric vehicle charging stations. Through the SBCCOG’s efforts, vendor/technology relationships were formed, data and city information was assembled, and letters of community support were gathered. While the grant application was not funded, the resulting information and relationships can be used for future sustainability programs and grant applications.

Tours of Regional Facilities

SBCCOG arranged the following tours for councilmembers and city staff:

- AQMD Lab
- Automated Terminals in the Ports of Los Angeles and Long Beach
- CSUDH Archive of South Bay History
- Carlsbad Desalination Plant

Emerging Issue Groups

- South Bay Regional Broadband Fiber Optic Master Plan – SBCCOG oversaw the development of a study on the possibility of a broadband network for the sub-region with funding for the feasibility study from the South Bay Workforce Investment Board.
- Services for Seniors – With the aging population in the South Bay growing, SBCCOG has been holding informative meetings for city staff and community organizations with an interest in aging to meet and discuss best practices and recent trends. Better transportation for seniors continues to be one of the top needs and SBCCOG has been working on options.
- Short Term Rentals – SBCCOG is bringing together city staff interested in controlling short term rentals with invited guests who share their research and the programs that they have developed.
- Regional Coyote Management – SBCCOG is providing the first of its kind regional forum for our cities to share information – lessons learned and best practices – on how to address the growing problem of coyotes in our communities.

Advocacy

With SBCCOG Board direction and on behalf of the South Bay cities, the SBCCOG worked in coalitions with other stakeholders to:

- Fund enhanced South Bay Services for the Homeless through Los Angeles County Supervisors for Districts 2 and 4 and support Measure H on the March 2017 ballot for further funding for Homeless services.
- Continue to highlight the importance of the Los Angeles Air Force Base to the region

- Facilitate communications with cities and SCE concerning reliability of SCE's infrastructure in the South Bay.
- Represent the South Bay cities' interests at regional meetings of Metro, SCAG, and the AQMD.
- Conduct Quarterly Legislative Briefings for state and federal legislators and their staff – an opportunity to share city interests and concerns with our legislators and hear their priorities.

Networking and Information Sharing

SBCCOG continues to provide a forum for cities to learn from each other through the:

- Annual General Assembly
- Economic Development Directors Roundtable
- Energy Management Working Group
- GIS Working Group
- Homeless Services Committee
- Infrastructure Working Group
- Legislative District Briefing
- Livable Communities/Climate Action Plan Working Group
- Parks and Recreation Directors Meeting
- Planning Directors Meeting
- Regional Coyote Management Group
- Regional Network Planning Group
- Services for Seniors Working Group
- Short Term Rental Task Force
- Social Media Working Group
- Transit Operators' Working Group
- Transportation Committee

Cities and Partners express their appreciation...

“Our Commitment to our planet is showcased by our LEED-certified distribution centers and Watson Legacy Building Series. As part of this eco-conscious commitment, we decided to participate in the South Bay Cities Green Building challenge.” - Watson Land Company

“A big THANK YOU to, SBCCOG staff for coordinating and preparing this application (Grant) for an innovative and exciting project to address multiple issues. I look forward to exploring collaborative funding opportunities in the future.”- Kristy Morris, Hermosa Beach

(Explanation) A couple arrived a little too late at a recent rain barrel event, and all the rain barrels allotted for the event had been distributed. SBCCOG staff told them that staff would pick up a rain barrel at the next event and deliver it to them. “We received our rain barrel and have already used 3 barrels full of water in our front yard. We felt very pampered.” – Marilyn Wyman
