

RESOLUTION NO. 2015-114

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MARINA ACCEPTING PACIFIC GAS AND ELECTRIC COMPANY (PG&E) REBATES VIA AMBAG ENERGY WATCH PROGRAM FOR EXTERIOR LIGHTING IMPROVEMENTS AT THE MARINA MUNICIPAL AIRPORT AND AUTHORIZING CITY MANAGER TO EXECUTE GRANT DOCUMENTS ON BEHALF OF CITY SUBJECT TO FINAL REVIEW AND APPROVAL BY THE CITY ATTORNEY

WHEREAS, the Association of Monterey Bay Area Governments (AMBAG) and Pacific Gas and Electric Company (PG&E) partnered to deliver the AMBAG Energy Watch Program, a regional leader in energy efficiency in Monterey, San Benito and Santa Cruz counties, and;

WHEREAS, AMBAG Energy Watch and PG&E provide rebates and incentives for projects that reduce energy use. Energy Watch staff will assist in streamlining the rebate process by managing applications with PG&E to ensure that rebate criteria is satisfied and the maximum potential incentive is obtained, and;

WHEREAS, in September, AMBAG Energy Watch presented five proposals for exterior lighting improvements at the airport in hangars/buildings 507, 510, 524, 527 and 533 herein referred to as "project". The proposed project cost is \$61,078.18. Project funding would be from PG&E rebates of \$21,391.61 and City – Airport Operations Fund cost of \$39,054.57, and;

WHEREAS, each hanger/building proposal presents cost, rebate and estimated ongoing savings and payback period ("EXHIBIT A"). As noted on page 2 of each proposal, the costs of the identified lighting upgrades pay for their selves in a relatively short period of time. Further, these lighting upgrades and resulting energy savings are consistent with Assembly Bill 32 - California's initiative or goal to reduce emissions to 1990 levels by 2020, and;

WHEREAS, the proposed lighting upgrades would enhance exterior lighting at the airport improving safety, security for all airport users as several of the upgrades will replace lighting fixtures that are not currently working, and;

WHEREAS, if approved, the project work of installing the lighting upgrades is estimated to take up to 4 weeks. Then after inspection and acceptance by AMBAG and PG & E, rebates are paid directly to the contractor(s) and payment of costs to be paid by the City would be processed, and;

WHEREAS, the total estimated cost of the project for exterior lighting improvements at the Airport is \$61,078.18, with PG&E rebates of \$21,391.61 and \$39,054.57 to be paid by the City – Airport Operations Fund, and;

WHEREAS, funding for the actual costs to the City- Airport Operations Fund is available in the FY 2015-16 Budget, Marina Municipal Airport Operations Fund 55, Department 300, Building Maintenance, Account No. 55.300.63630. Costs to be paid by the City – Airport Operations Fund will be recorded in the Building Maintenance account.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Marina does hereby:

1. Accept Pacific Gas and Electric Company (PG&E) rebates via AMBAG Energy Watch Program for exterior lighting improvements at the Marina Municipal Airport;
2. Authorize City Manager to execute program documents on behalf of the City subject to final review and approval by City Attorney.

Resolution No. 2015-114

Page Two

PASSED AND ADOPTED by the City Council of the City of Marina at a regular meeting duly held on the 6th day of October 2015, by the following vote:

AYES: COUNCIL MEMBERS: Amadeo, Brown, Morton, Delgado

NOES: COUNCIL MEMBERS: None

ABSENT: COUNCIL MEMBERS: O'Connell

ABSTAIN: COUNCIL MEMBERS: None

Bruce C. Delgado, Mayor

ATTEST:

Anita Sharp, Deputy City Clerk

HBAG

Energy Efficiency Proposal

Upgrade Recommendations for Marina Municipal Airport Bldg 507

Project Name:

Marina Municipal Airport Bldg 507

Project Location:

3200 Imjin Road
Marina, CA 93933

Presented To:

Craig Oliver

Presented By:

AJ Marquez
Phone: (831) 426-5925
Mobile: (831) 227-0792
Fax: (831) 427-1368

Email: amarquez@ecoact.org

For questions during your installation, please
contact your Installation Manager:

Lore James
Ecology Action

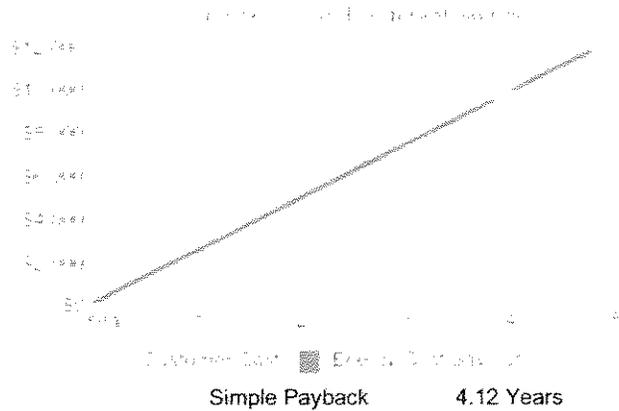
Phone: 831-515-1346
Mobile: +1 8312346906

Email: ljames@ecoact.org



Savings Summary

Installed Cost Before Rebate	\$12,896.88
Estimated Total Cost	\$9,672.66
Estimated Total Savings	\$3,224.22
Rebate % of Total Cost	25%
Estimated Monthly Savings	\$194.99
Estimated 1st Year Savings	\$2,339.88*
Estimated 5 Year Savings	\$11,699.40*



Environmental Benefits

By implementing the measures outlined in this proposal you will save enough energy to achieve one of the following:

Estimated Energy Savings 15,477.91 kWh
 Estimated Power Savings 3.77 kW

- * Removal of 2.09 passenger vehicles from the road.
- ** Addition of 22.75 acres of pine or fir trees (over a 10 year life span).

*Note - Savings are estimated using standard engineering calculations and are based on the hours of operation as described to the surveyor. Depending on actual usage as well as changes in your electric utility rate, your savings may be higher or lower. The savings indicated above are NOT guaranteed. Construction costs may vary slightly depending on fixture quantities and unforeseen conditions.

**Note - Based on DEER property type and measure savings values from the CPUC, this project is deemed to deliver 15469.30 kWh and 0.00 kW. The rebate offered for the project is calculated based on the deemed savings values.



Below is a summary of work to be performed. The first table shows total costs for all work to be performed in this proposal. The second table shows a list of individual work orders referenced by this proposal. To authorize the job initial next to each work order in the section provided. Not initialing may delay when installation will commence.

Work Order Cost Breakdown Summary

Disposal	\$27.50
Material	\$9,446.80
Labor (weekdays Rate)	
Base Labor Cost	\$1,320.00
Access Difficulty Cost Adjustment	\$0.00
Ceiling Height Cost Adjustment	\$712.80
Labor Total	\$2,032.80
Other Fees (Permits, Inspections, Lifts, etc.)	\$575.00
Estimated Taxes	\$814.78
Total	\$12,896.88

Work Order List Summary

Work Order	Installation cost	Rebate	Customer cost	Initials
Marina Municipal Airport Bldg 507 2015	\$12,896.88	\$3,248.55	\$9,648.33	x _____



Marina Municipal Airport Bldg 507
3200 Imjin Road
Marina, CA 93933

Customer Work Order Agreement

By signing this Customer Work Order Agreement ("Agreement"), Customer (the business entity listed above) agrees to the following:

Measures and Incentives:

I have reviewed the Energy Efficiency Upgrade Summary and Report ("Report") provided by the AMBAG Energy Watch Program ("AMBAG Energy Watch" or "Program"), a copy of which is attached to this Agreement. I agree that to the best of my knowledge the schedule of operations contained in the Report accurately describes the hours of operation at the facility listed above. I understand that the energy efficiency measures described in the Report represent an estimate of expected energy savings, and that AMBAG Energy Watch does not guarantee a specific level of cost savings from the implementation of the proposed energy efficiency measures (collectively, the "Project").

AMBAG Energy Watch is implementing the Project on the Customer's behalf. Incentives for energy savings are calculated using the appropriate baseline to exceed California Title 20 and Title 24 standards. New products ordered, purchased or installed prior to 1/1/13 or after 12/15/15 do not qualify for an incentive. Resale products, products leased, rebuilt, rented, received from warranty of insurance claims, exchanged, won as a prize or new parts installed in existing products do not qualify for Incentives. PG&E is not responsible for the economic and technical feasibility, operational capability, and reliability of the Project.

Program Dates:

To be eligible for incentives, all projects must be installed and completed before December 14, 2015. Funding of incentives is distributed on a first-come first-served basis. AMBAG Energy Watch is funded by California ratepayers under the auspices of the California Public Utilities Commission ("CPUC"). I have received information about other programs offering rebates or services for measures covered by the AMBAG Energy Watch Program.

Project Commitment and Installation Completion Process:

I understand that I must have a signed Site Access Agreement on File to confirm Program Eligibility and a signed Customer Agreement to initiate installation. For each work order, I agree to have AMBAG Energy Watch contact (a) participating contractor(s) ("Contractor") who will perform a walk-through inspection, review the scope of the Projects outlined in the Report, and schedule the Project installation at a time that is mutually agreeable to all parties. I understand that the total installed costs for the components of the Project are described in the attached listing of individual work orders. Costs for correcting electrical code violations are not included in the costs quoted above and are not covered by the Program. Any electrical code violations found during the Contractors' inspections or during installation will be cause for the Contractors to stop work on the affected item(s) until such violations are corrected. I understand that the contractor walk-through may result in a Change Order due to specification or electrical code violations and that I will be notified and approve of any cost adjustments before additional work is completed.

I will sign an agreement with each Contractor, which shall be solely between the Contractor and Customer, for the out-of-pocket portion of the Project costs. I understand that AMBAG Energy Watch will provide a rebate, detailed in the work order listing, to offset the cost of the Project installations, and the rebate will be paid directly to the Contractors. I understand that I am responsible for paying the balance of the agreed-to contract price after rebate payment and that payment is due to the Contractor upon completion of the individual work order. At the completion of the project, I agree to sign the Customer Acceptance/Project Completion Form presented by the contractor on Ecology Action's behalf.

The value of Incentives and direct installations is taxable. Implementer will report incentives and direct installations greater than \$600 to the IRS unless you are exempt. Please consult your tax advisor concerning the taxability of incentives. The Customer, not the implementer, is responsible for any taxes imposed as a result of your receipt of Incentives from this Program. Form 1099 will be issued for the Customer, regardless of who the payee is, because the Customer receives the benefits of the Incentives.



General Terms and Conditions

- 1. Funding:** Implementer is receiving funds from Pacific Gas and Electric (PG&E) for this Project, but the Parties agree that PG&E is not liable to either Party for any losses or damages, including incidental or consequential damages, arising from this Agreement. PG&E makes no representation or warranty, and assumes no liability with respect to quality, safety, performance, or other aspect of any design, system or appliance installed pursuant to this Agreement, and expressly disclaims any such representation, warranty or liability.
- 2. Incidental and Consequential Damages:** BOTH PARTIES AGREE NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES.
- 3. Life of Product:** Customer understands Incentive payments are based on related energy benefits over the life of the product. Customer agrees if 1) Customer does not provide PG&E with 100% of the related benefits for the life of the product or a period of 5 years, whichever is less, or 2) Customer ceases to be a distribution Customer of PG&E during said time period, Customer shall refund a prorated amount of Incentive payment(s) to PG&E based on the actual period of time for which Customer provided the related energy benefits as an electric Customer of PG&E.
- 4. Customers with self generation capabilities:** If Customer has existing onsite cogeneration or self-generation, Implementer shall not pay Incentives for energy savings that exceed Customer's annual energy usage from PG&E. KW, kWh and therm savings are limited to the previous 12 months quantity of kW, kWh, and/or therms purchased from or delivered by the utility on the meter(s), serving the equipment to be installed, for which the utility collects the Public Purpose Programs (PPP) surcharge. The previous 12 months are defined as the calendar year prior to the date the Customer submitted and signed this Program Participation Agreement (including usage from Standby Service and less savings associated with pending energy efficiency applications). This policy is subject to change with 30 day written notice to Customer.
- 5. Incentive may not exceed Project cost:** Customer must submit Project invoice(s) which include: vendor name/address/phone, itemized listing of product(s) including quantity, product description(s), manufacturer, model #, and other identifying information as appropriate, Project cost, date invoice paid or payment terms, and installation date.
- 6. If Tenant:** If a tenant, Customer is responsible for obtaining the property owner's permission to install the Measure(s) for which Customer is applying for an incentive payment. Customer's signature on this Program Participation Agreement indicates Customer has obtained this permission.
- 7. Access :** Customer will allow, if requested, a representative from PG&E, CPUC, Implementer, or any authorized subcontractor reasonable access to Facility to verify the installed product.
- 8. Compliance with Laws:** Implementer shall comply with all federal, state, and municipal laws, ordinances, rules, orders, and regulations, which apply to its actions at the Facility or to the Project.
- 9. Advertising:** Implementer agrees not to use the names or identifying characteristics of the Customer's Facility for published Project reports (except to fulfill reporting requirements to PG&E and/or the CPUC), advertising, sales promotion or other publicity without the Customer's written approval. In addition, Customer agrees not to use the names or identifying characteristics of Implementer for published Project reports, advertising, sales promotion, or other publicity without Implementer's written approval.
- 10. No Double-Dipping:** Customer understands that Customer cannot receive Incentives for the same product, equipment or service from more than one California investor-owned utility or third party Energy Efficiency program offering Incentives for the same product, equipment, or service funded with CPUC Public Goods Charge funds. Customer understands this prohibition applies to future applications and for three years prior to receiving the Incentives for the same product, equipment or service.
- 11. No Obligation:** California consumers are not obligated to purchase any full fee service or other service not funded by this Program. This Program is funded by California utility ratepayers under the auspices of the CPUC.
Los consumidores en California no están obligados a comprar servicios completos o adicionales que no esten cubiertos bajo este programa. Este programa está financiado por los usuarios de servicios públicos en California bajo la jurisdicción de la Comisión de Servicios Públicos de California (CPUC).
- 12. Availability of Funds:** This program is available on a first-come, first served basis until allocated funds are depleted. This Program may be modified or terminated without notice.
- 13. Project Permits:** After energy-saving measures are installed and operable and before incentive or rebates are paid, recipients must comply with the following terms, as applicable, and will be required to certify after installation. For HVAC measures, installation contractors shall certify that appropriate permits have been obtained, if applicable and contractor must document permit number, permitting agency, contractor name, signature and date. For all rebates or incentives offered by PG&E for an energy efficiency improvement or installation of energy efficiency components, equipment or appliances, the recipient must certify that appropriate permits have been obtained and, if a contractor performed the installation or improvement, that the contractor holds the appropriate license for the work performed. In the case of Direct Install measures in which the Third Party Implementer or contractor/installer is the recipient of the rebate or incentive, the Implementer shall certify that permitting requirements have been met.



Customer Cost, after rebates, to execute all work orders presented in this proposal: \$9648.33

I have read and understood the Terms and Conditions. I certify that the information I have provided is true and correct.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives as of the date set forth below

Customer:City of Marina
Customer Representative:Craig Oliver
3240 Imjin Road
Marina, CA 93933
(831) 884-1214
Email: coliver@ci.marina.ca.us

AMBAG Energy Watch
Program Representative:AJ Marquez
Ecology Action
877 Cedar Street, Suite 240
Santa Cruz, CA 95060
Phone: (831) 426-5925
Mobile: (831) 227-0792
Fax: (831) 427-1368
Email:amarquez@ecoact.org

Customer Representative's Title

Program Representative's Printed Name

Customer Representative's Printed Name

Program Representative's Signature

Customer Representative's Signature

Date

Date



Marina Municipal Airport
 Bldg 507
 3200 Imjin Road
 Marina, CA 93933

Appendix A: Recommendations and Savings Checklist

Solution Key
 AHO: Annual Avg. Hours of Operation
 kWh: Annual kiloWatt Hours
 kW: kiloWatt Load
 Watts: Watts as published by the manufacturer

Existing Equipment					Recommended Upgrade					Cost w/o rebate	Est. Savings		
Qty	Description	Watts	kW per Qty	AHO kWh	Qty	Description	Watts	kW per Qty	AHO kWh				
Area: (2) Exterior Floods													
8	MH 400W 1L	458.0	3.66	4102.28	15030.75	8	LED Flood 115w 5000K Knuckde (Lithonia 250-350w Replacement)	115.0	0.92	4102.28	3774.10	\$9,379.57	\$1,701.73
3	MH 400W 1L	458.0	1.37	4102.28	5636.53	3	LED Flood 115w 5000K Knuckde (Lithonia 250-350w Replacement)	115.0	0.34	4102.28	1415.29	\$3,517.31	\$638.15
											\$12,896.88	\$2,339.88	



Marina Municipal Airport
Bldg 507
3200 Imjin Road
Marina, CA 93933

Appendix B: Material List Summary

* Per Item Cost

Equipment	Quantity	Equipment Cost *	Labor Hrs / Cost *
LED Flood 115w 5000K Knuckle (Lithonia 250-350w Replacement)- Lithonia - DSXF3 LED 6 A530/50K WFL MVOLT THK PE DD	11.0	\$858.80	1 /\$120.00
Recycle: HID Lamps	11.0	\$2.50	0 /\$0.00
Recycle: Ballast from HID	11.0	\$0.00	0 /\$0.00

AMBAG

energy
watch

Energy Efficiency Proposal

Upgrade Recommendations for Marina Municipal Airport Bldg 510

Project Name:

Marina Municipal Airport Bldg 510

Project Location:

3240 Imjin Road
Marina, CA 93933

Presented To:

Craig Oliver

Presented By:

AJ Marquez
Phone: (831) 426-5925
Mobile: (831) 227-0792
Fax: (831) 427-1368

Email: amarquez@ecoact.org

For questions during your installation, please
contact your Installation Manager:

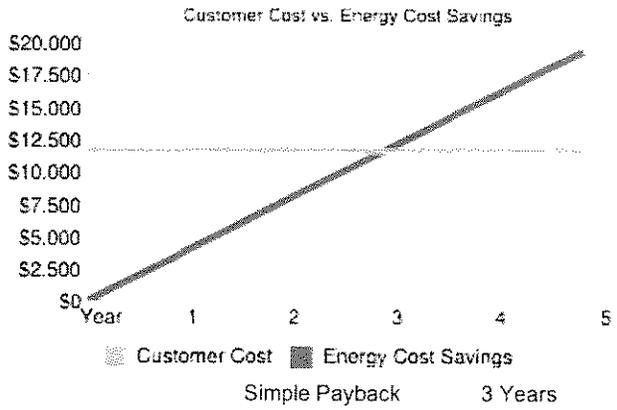
Lore James
Ecology Action

Phone: 831-515-1346
Mobile: +1 8312346906

Email: ljames@ecoact.org

Savings Summary

Installed Cost Before Rebate	\$15,903.18
Total Rebate	\$4,344.61 **
Your Final Cost After Rebate	\$11,558.57
Rebate % of Total Cost	27%
Estimated Monthly Savings	\$321.06
Estimated 1st Year Savings	\$3,852.67*
Estimated 5 Year Savings	\$19,263.35*



Environmental Benefits

Estimated Energy Savings	20,847.78 kWh
Estimated Power Savings	5.08 kW

By implementing the measures outlined in this proposal you will save enough energy to achieve one of the following:



Removal of 2.81 passenger vehicles from the road.



Addition of 30.65 acres of pine or fir trees (over a 10 year life span).

*Note - Savings are estimated using standard engineering calculations and are based on the hours of operation as described to the surveyor. Depending on actual usage as well as changes in your electric utility rate, your savings may be higher or lower. The savings indicated above are NOT guaranteed. Construction costs may vary slightly depending on fixture quantities and unforeseen conditions.
 **Note - Based on DEER property type and measure savings values from the CPUC, this project is deemed to deliver 20688.60 kWh and 0.00 kW. The rebate offered for the project is calculated based on the deemed savings values.

Below is a summary of work to be performed. The first table shows total costs for all work to be performed in this proposal. The second table shows a list of individual work orders referenced by this proposal. To authorize the job initial next to each work order in the section provided. Not initialing may delay when installation will commence.

Work Order Cost Breakdown Summary

Work Order Cost Breakdown Summary

Disposal	\$32.50
Material	\$11,182.03
Labor (weekdays Rate)	
Base Labor Cost	\$2,040.00
Access Difficulty Cost Adjustment	\$0.00
Ceiling Height Cost Adjustment	\$934.20
Labor Total	\$2,974.20
Other Fees (Permits, Inspections, Lifts, etc.)	\$750.00
Estimated Taxes	\$964.45
Total	\$15,903.18

Work Order List Summary

Work Order List Summary

Work Order	Installation cost	Rebate	Customer cost	Initials
Marina Municipal Airport Bldg 510 2015	\$15,903.18	\$4,344.61	\$11,558.57	X



Marina Municipal Airport Bldg 510
3240 Imjin Road
Marina, CA 93933

Customer Work Order Agreement

By signing this Customer Work Order Agreement ("Agreement"), Customer (the business entity listed above) agrees to the following:

Measures and Incentives:

I have reviewed the Energy Efficiency Upgrade Summary and Report ("Report") provided by the AMBAG Energy Watch Program ("AMBAG Energy Watch" or "Program"), a copy of which is attached to this Agreement. I agree that to the best of my knowledge the schedule of operations contained in the Report accurately describes the hours of operation at the facility listed above. I understand that the energy efficiency measures described in the Report represent an estimate of expected energy savings, and that AMBAG Energy Watch does not guarantee a specific level of cost savings from the implementation of the proposed energy efficiency measures (collectively, the "Project").

AMBAG Energy Watch is implementing the Project on the Customer's behalf. Incentives for energy savings are calculated using the appropriate baseline to exceed California Title 20 and Title 24 standards. New products ordered, purchased or installed prior to 1/1/13 or after 12/15/15 do not qualify for an incentive. Resale products, products leased, rebuilt, rented, received from warranty of insurance claims, exchanged, won as a prize or new parts installed in existing products do not qualify for Incentives. PG&E is not responsible for the economic and technical feasibility, operational capability, and reliability of the Project.

Program Dates:

To be eligible for incentives, all projects must be installed and completed before December 14, 2015. Funding of incentives is distributed on a first-come first-served basis. AMBAG Energy Watch is funded by California ratepayers under the auspices of the California Public Utilities Commission ("CPUC"). I have received information about other programs offering rebates or services for measures covered by the AMBAG Energy Watch Program.

Project Commitment and Installation Completion Process:

I understand that I must have a signed Site Access Agreement on File to confirm Program Eligibility and a signed Customer Agreement to initiate installation. For each work order, I agree to have AMBAG Energy Watch contact (a) participating contractor(s) ("Contractor") who will perform a walk-through inspection, review the scope of the Projects outlined in the Report, and schedule the Project installation at a time that is mutually agreeable to all parties. I understand that the total installed costs for the components of the Project are described in the attached listing of individual work orders. Costs for correcting electrical code violations are not included in the costs quoted above and are not covered by the Program. Any electrical code violations found during the Contractors' inspections or during installation will be cause for the Contractors to stop work on the affected item(s) until such violations are corrected. I understand that the contractor walk-through may result in a Change Order due to specification or electrical code violations and that I will be notified and approve of any cost adjustments before additional work is completed.

I will sign an agreement with each Contractor, which shall be solely between the Contractor and Customer, for the out-of-pocket portion of the Project costs. I understand that AMBAG Energy Watch will provide a rebate, detailed in the work order listing, to offset the cost of the Project installations, and the rebate will be paid directly to the Contractors. I understand that I am responsible for paying the balance of the agreed-to contract price after rebate payment and that payment is due to the Contractor upon completion of the individual work order. At the completion of the project, I agree to sign the Customer Acceptance/Project Completion Form presented by the contractor on Ecology Action's behalf.

The value of Incentives and direct installations is taxable. Implementer will report incentives and direct installations greater than \$600 to the IRS unless you are exempt. Please consult your tax advisor concerning the taxability of incentives. The Customer, not the implementer, is responsible for any taxes imposed as a result of your receipt of incentives from this Program. Form 1099 will be issued for the Customer, regardless of who the payee is, because the Customer receives the benefits of the Incentives.

General Terms and Conditions

- 1. Funding:** Implementer is receiving funds from Pacific Gas and Electric (PG&E) for this Project, but the Parties agree that PG&E is not liable to either Party for any losses or damages, including incidental or consequential damages, arising from this Agreement. PG&E makes no representation or warranty, and assumes no liability with respect to quality, safety, performance, or other aspect of any design, system or appliance installed pursuant to this Agreement, and expressly disclaims any such representation, warranty or liability.
- 2. Incidental and Consequential Damages:** BOTH PARTIES AGREE NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES.
- 3. Life of Product:** Customer understands Incentive payments are based on related energy benefits over the life of the product. Customer agrees if 1) Customer does not provide PG&E with 100% of the related benefits for the life of the product or a period of 5 years, whichever is less, or 2) Customer ceases to be a distribution Customer of PG&E during said time period, Customer shall refund a prorated amount of Incentive payment(s) to PG&E based on the actual period of time for which Customer provided the related energy benefits as an electric Customer of PG&E.
- 4. Customers with self generation capabilities:** If Customer has existing onsite cogeneration or self-generation, Implementer shall not pay Incentives for energy savings that exceed Customer's annual energy usage from PG&E. KW, kWh and therm savings are limited to the previous 12 months quantity of kW, kWh, and/or therms purchased from or delivered by the utility on the meter(s), serving the equipment to be installed, for which the utility collects the Public Purpose Programs (PPP) surcharge. The previous 12 months are defined as the calendar year prior to the date the Customer submitted and signed this Program Participation Agreement (including usage from Standby Service and less savings associated with pending energy efficiency applications). This policy is subject to change with 30 day written notice to Customer.
- 5. Incentive may not exceed Project cost:** Customer must submit Project invoice(s) which include: vendor name/address/phone, itemized listing of product(s) including quantity, product description(s), manufacturer, model #, and other identifying information as appropriate, Project cost, date invoice paid or payment terms, and installation date.
- 6. If Tenant:** If a tenant, Customer is responsible for obtaining the property owner's permission to install the Measure(s) for which Customer is applying for an Incentive payment. Customer's signature on this Program Participation Agreement indicates Customer has obtained this permission.
- 7. Access :** Customer will allow, if requested, a representative from PG&E, CPUC, Implementer, or any authorized subcontractor reasonable access to Facility to verify the installed product.
- 8. Compliance with Laws:** Implementer shall comply with all federal, state, and municipal laws, ordinances, rules, orders, and regulations, which apply to its actions at the Facility or to the Project.
- 9. Advertising:** Implementer agrees not to use the names or identifying characteristics of the Customer's Facility for published Project reports (except to fulfill reporting requirements to PG&E and/or the CPUC), advertising, sales promotion or other publicity without the Customer's written approval. In addition, Customer agrees not to use the names or identifying characteristics of Implementer for published Project reports, advertising, sales promotion, or other publicity without Implementer's written approval.
- 10. No Double-Dipping:** Customer understands that Customer cannot receive Incentives for the same product, equipment or service from more than one California investor-owned utility or third party Energy Efficiency program offering Incentives for the same product, equipment, or service funded with CPUC Public Goods Charge funds. Customer understands this prohibition applies to future applications and for three years prior to receiving the Incentives for the same product, equipment or service.
- 11. No Obligation:** California consumers are not obligated to purchase any full fee service or other service not funded by this Program. This Program is funded by California utility ratepayers under the auspices of the CPUC.
Los consumidores en California no están obligados a comprar servicios completos o adicionales que no esten cubiertos bajo este programa. Este programa está financiado por los usuarios de servicios públicos en California bajo la jurisdicción de la Comisión de Servicios Públicos de California (CPUC).
- 12. Availability of Funds:** This program is available on a first-come, first served basis until allocated funds are depleted. This Program may be modified or terminated without notice.
- 13. Project Permits:** After energy-saving measures are installed and operable and before incentive or rebates are paid, recipients must comply with the following terms, as applicable, and will be required to certify after installation. For HVAC measures, installation contractors shall certify that appropriate permits have been obtained, if applicable and contractor must document permit number, permitting agency, contractor name, signature and date. For all rebates or incentives offered by PG&E for an energy efficiency improvement or installation of energy efficiency components, equipment or appliances, the recipient must certify that appropriate permits have been obtained and, if a contractor performed the installation or improvement, that the contractor holds the appropriate license for the work performed. In the case of Direct Install measures in which the Third Party Implementer or contractor/installer is the recipient of the rebate or incentive, the Implementer shall certify that permitting requirements have been met.



Customer Cost, after rebates, to execute all work orders presented in this proposal: \$11558.57

I have read and understood the Terms and Conditions. I certify that the information I have provided is true and correct.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives as of the date set forth below

Customer: City of Marina
Customer Representative: Craig Oliver
211 Hillcrest Av
Marina, CA 93933
(831) 884-1214
Email: coliver@ci.marina.ca.us

AMBAG Energy Watch
Program Representative: AJ Marquez
Ecology Action
877 Cedar Street, Suite 240
Santa Cruz, CA 95060
Phone: (831) 426-5925
Mobile: (831) 227-0792
Fax: (831) 427-1368
Email: amarquez@ecoact.org

Customer Representative's Title

Program Representative's Printed Name

Customer Representative's Printed Name

Program Representative's Signature

Customer Representative's Signature

Date

Date



Marina Municipal Airport
 Bldg 510
 3240 Imjin Road
 Marina, CA 93933

Appendix A: Recommendations and Savings Checklist

Solution Key
 AHO: Annual Avg. Hours of Operation
 kWh: Annual kiloWatt Hours
 kW: kiloWatt Load
 Watts: Watts as published by the manufacturer

Existing Equipment					Recommended Upgrade					Cost w/o rebate	Est. Savings		
Qty	Description	Watts	kW per Qty	AHO kWh	Qty	Description	Watts	kW per Qty	AHO kWh				
Area: (2) Exterior Area													
4	INC 500A	500.0	2.00	4102.28	8204.56	4	LED Flood 115w 5000K Yoke (Lithonia 250-350w Replacement)	115.0	0.46	4102.28	1887.05	\$4,691.94	\$1,167.48
4	HPS 400w	465.0	1.86	4102.28	7630.24	4	LED Flood 115w 5000K Knuckle (Lithonia 250-350w Replacement)	115.0	0.46	4102.28	1887.05	\$4,702.47	\$1,061.34
1	HPS 250w 1L	295.0	0.30	4102.28	1210.17	1	LED Flood 75w 5000K Yoke (Lithonia 175-250w Replacement)	79.0	0.08	4102.28	324.08	\$910.39	\$163.75
2	INC 500A	500.0	1.00	4102.28	4102.28	2	LED Flood 115w 5000K Yoke (Lithonia 250-350w Replacement)	115.0	0.23	4102.28	943.52	\$2,345.96	\$583.74
											\$12,650.76	\$2,976.31	
Area: (232533) Parking Poles													
6	HPS 150w 1L	188.0	1.13	4102.28	4627.37	6	LED Retrofit 60w (175w-250w HID) 5700K Global Tech	59.0	0.35	4102.28	1452.21	\$2,497.39	\$586.77
2	HPS 200w 1L	250.0	0.50	4102.28	2051.14	2	LED Retrofit 60w (175w-250w HID) 5700K Global Tech	59.0	0.12	4102.28	484.07	\$755.03	\$269.59
											\$3,252.42	\$876.36	



Marina Municipal Airport
 Bldg 510
 3240 Imjin Road
 Marina, CA 93933

Appendix B: Material List Summary

* Per Item Cost

Equipment	Quantity	Equipment Cost *	Labor Hrs / Cost *
LED Flood 115w 5000K Yoke (Lithonia 250-350w Replacement)- Lithonia - DSXF3 LED 6 A530/50K WFL MVOLT YKC62 PE	6.0	\$858.80	1 /\$120.00
LED Flood 115w 5000K Knuckle (Lithonia 250-350w Replacement)- Lithonia - DSXF3 LED 6 A530/50K WFL MVOLT THK PE DD	4.0	\$858.80	1 /\$120.00
Recycle: HID Lamps	13.0	\$2.50	0 /\$0.00
Recycle: Ballast from HID	13.0	\$0.00	0 /\$0.00
LED Flood 79w 5000K Yoke (Lithonia 175-250w Replacement)- Lithonia - DSXF2 LED 4 A530/50K WFL MVOLT YKC62 PE	1.0	\$626.11	1 /\$120.00
LED Retrofit 60w (175w-250w HID) 5700K Global Tech- Global Tech - GTSOLM21-GR-SOLY-120/277-HI-NL UNVBR	8.0	\$245.99	0.75 /\$90.00

AMBA3

Energy Efficiency Proposal

Upgrade Recommendations for Marina Municipal Airport Bldg 524

Project Name:

Marina Municipal Airport Bldg 524

Project Location:

761 Neeson Road
Marina, CA 93933

Presented To:

Craig Oliver

Presented By:

AJ Marquez
Phone: (831) 426-5925
Mobile: (831) 227-0792
Fax: (831) 427-1368

Email: amarquez@ecoact.org

For questions during your installation, please
contact your Installation Manager:

Lore James
Ecology Action

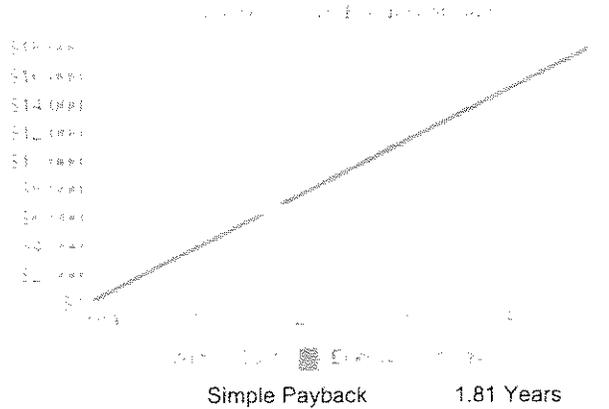
Phone: 831-515-1346
Mobile: +1 8312346906

Email: ljames@ecoact.org



Savings Summary

Installed Cost Before Rebate	\$11,349.97
Rebate % of Total Cost	43%
Estimated Monthly Savings	\$294.24
Estimated 1st Year Savings	\$3,530.77*
Estimated 5 Year Savings	\$17,653.85*



Environmental Benefits

By implementing the measures outlined in this proposal you will save enough energy to achieve one of the following:

Estimated Energy Savings 23,303.21 kWh
 Estimated Power Savings 5.75 kW

Removal of 3.15 passenger vehicles from the road.

Addition of 34.26 acres of pine or fir trees (over a 10 year life span).

*Note - Savings are estimated using standard engineering calculations and are based on the hours of operation as described to the surveyor. Depending on actual usage as well as changes in your electric utility rate, your savings may be higher or lower. The savings indicated above are NOT guaranteed. Construction costs may vary slightly depending on fixture quantities and unforeseen conditions.

**Note - Based on DEER property type and measure savings values from the CPUC, this project is deemed to deliver 23587.30 kWh and 0.00 kW. The rebate offered for the project is calculated based on the deemed savings values.



Below is a summary of work to be performed. The first table shows total costs for all work to be performed in this proposal. The second table shows a list of individual work orders referenced by this proposal. To authorize the job initial next to each work order in the section provided. Not initialing may delay when installation will commence.

Work Order Cost Breakdown Summary

Disposal	\$42.50
Material	\$7,013.28
Labor (weekdays Rate)	
Base Labor Cost	\$1,639.20
Access Difficulty Cost Adjustment	\$675.00
Ceiling Height Cost Adjustment	\$800.10
Labor Total	\$3,114.30
Other Fees (Permits, Inspections, Lifts, etc.)	\$575.00
Estimated Taxes	\$604.89
Total	\$11,349.97

Work Order List Summary

Work Order	Installation cost	Rebate	Customer cost	Initials
Marina Municipal Airport Bldg 524-2015	\$11,349.97	\$4,953.33	\$6,396.64	x _____



Marina Municipal Airport Bldg 524
761 Neeson Road
Marina, CA 93933

Customer Work Order Agreement

By signing this Customer Work Order Agreement ("Agreement"), Customer (the business entity listed above) agrees to the following:

Measures and Incentives:

I have reviewed the Energy Efficiency Upgrade Summary and Report ("Report") provided by the AMBAG Energy Watch Program ("AMBAG Energy Watch" or "Program"), a copy of which is attached to this Agreement. I agree that to the best of my knowledge the schedule of operations contained in the Report accurately describes the hours of operation at the facility listed above. I understand that the energy efficiency measures described in the Report represent an estimate of expected energy savings, and that AMBAG Energy Watch does not guarantee a specific level of cost savings from the implementation of the proposed energy efficiency measures (collectively, the "Project").

AMBAG Energy Watch is implementing the Project on the Customer's behalf. Incentives for energy savings are calculated using the appropriate baseline to exceed California Title 20 and Title 24 standards. New products ordered, purchased or installed prior to 1/1/13 or after 12/15/15 do not qualify for an incentive. Resale products, products leased, rebuilt, rented, received from warranty of insurance claims, exchanged, won as a prize or new parts installed in existing products do not qualify for incentives. PG&E is not responsible for the economic and technical feasibility, operational capability, and reliability of the Project.

Program Dates:

To be eligible for incentives, all projects must be installed and completed before December 14, 2015. Funding of incentives is distributed on a first-come first-served basis. AMBAG Energy Watch is funded by California ratepayers under the auspices of the California Public Utilities Commission ("CPUC"). I have received information about other programs offering rebates or services for measures covered by the AMBAG Energy Watch Program.

Project Commitment and installation Completion Process:

I understand that I must have a signed Site Access Agreement on File to confirm Program Eligibility and a signed Customer Agreement to initiate installation. For each work order, I agree to have AMBAG Energy Watch contact (a) participating contractor(s) ("Contractor") who will perform a walk-through inspection, review the scope of the Projects outlined in the Report, and schedule the Project installation at a time that is mutually agreeable to all parties. I understand that the total installed costs for the components of the Project are described in the attached listing of individual work orders. Costs for correcting electrical code violations are not included in the costs quoted above and are not covered by the Program. Any electrical code violations found during the Contractors' inspections or during installation will be cause for the Contractors to stop work on the affected item(s) until such violations are corrected. I understand that the contractor walk-through may result in a Change Order due to specification or electrical code violations and that I will be notified and approve of any cost adjustments before additional work is completed.

I will sign an agreement with each Contractor, which shall be solely between the Contractor and Customer, for the out-of-pocket portion of the Project costs. I understand that AMBAG Energy Watch will provide a rebate, detailed in the work order listing, to offset the cost of the Project installations, and the rebate will be paid directly to the Contractors. I understand that I am responsible for paying the balance of the agreed-to contract price after rebate payment and that payment is due to the Contractor upon completion of the individual work order. At the completion of the project, I agree to sign the Customer Acceptance/Project Completion Form presented by the contractor on Ecology Action's behalf.

The value of Incentives and direct installations is taxable. Implementer will report incentives and direct installations greater than \$600 to the IRS unless you are exempt. Please consult your tax advisor concerning the taxability of incentives. The Customer, not the implementer, is responsible for any taxes imposed as a result of your receipt of Incentives from this Program. Form 1099 will be issued for the Customer, regardless of who the payee is, because the Customer receives the benefits of the Incentives.

General Terms and Conditions

1. Funding: Implementer is receiving funds from Pacific Gas and Electric (PG&E) for this Project, but the Parties agree that PG&E is not liable to either Party for any losses or damages, including incidental or consequential damages, arising from this Agreement. PG&E makes no representation or warranty, and assumes no liability with respect to quality, safety, performance, or other aspect of any design, system or appliance installed pursuant to this Agreement, and expressly disclaims any such representation, warranty or liability.

2. Incidental and Consequential Damages: BOTH PARTIES AGREE NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES.

3. Life of Product: Customer understands Incentive payments are based on related energy benefits over the life of the product. Customer agrees if 1) Customer does not provide PG&E with 100% of the related benefits for the life of the product or a period of 5 years, whichever is less, or 2) Customer ceases to be a distribution Customer of PG&E during said time period, Customer shall refund a prorated amount of Incentive payment(s) to PG&E based on the actual period of time for which Customer provided the related energy benefits as an electric Customer of PG&E.

4. Customers with self generation capabilities: If Customer has existing onsite cogeneration or self-generation, Implementer shall not pay Incentives for energy savings that exceed Customer's annual energy usage from PG&E. KW, kWh and therm savings are limited to the previous 12 months quantity of kW, kWh, and/or therms purchased from or delivered by the utility on the meter(s), serving the equipment to be installed, for which the utility collects the Public Purpose Programs (PPP) surcharge. The previous 12 months are defined as the calendar year prior to the date the Customer submitted and signed this Program Participation Agreement (including usage from Standby Service and less savings associated with pending energy efficiency applications). This policy is subject to change with 30 day written notice to Customer.

5. Incentive may not exceed Project cost: Customer must submit Project invoice(s) which include: vendor name/address/phone, itemized listing of product(s) including quantity, product description(s), manufacturer, model #, and other identifying information as appropriate, Project cost, date invoice paid or payment terms, and installation date.

6. If Tenant: If a tenant, Customer is responsible for obtaining the property owner's permission to install the Measure(s) for which Customer is applying for an Incentive payment. Customer's signature on this Program Participation Agreement indicates Customer has obtained this permission.

7. Access : Customer will allow, if requested, a representative from PG&E, CPUC, Implementer, or any authorized subcontractor reasonable access to Facility to verify the installed product.

8. Compliance with Laws: Implementer shall comply with all federal, state, and municipal laws, ordinances, rules, orders, and regulations, which apply to its actions at the Facility or to the Project.

9. Advertising: Implementer agrees not to use the names or identifying characteristics of the Customer's Facility for published Project reports (except to fulfill reporting requirements to PG&E and/or the CPUC), advertising, sales promotion or other publicity without the Customer's written approval. In addition, Customer agrees not to use the names or identifying characteristics of Implementer for published Project reports, advertising, sales promotion, or other publicity without Implementer's written approval.

10. No Double-Dipping: Customer understands that Customer cannot receive Incentives for the same product, equipment or service from more than one California investor-owned utility or third party Energy Efficiency program offering Incentives for the same product, equipment, or service funded with CPUC Public Goods Charge funds. Customer understands this prohibition applies to future applications and for three years prior to receiving the Incentives for the same product, equipment or service.

11. No Obligation: California consumers are not obligated to purchase any full fee service or other service not funded by this Program. This Program is funded by California utility ratepayers under the auspices of the CPUC.

Los consumidores en California no están obligados a comprar servicios completos o adicionales que no esten cubiertos bajo este programa. Este programa está financiado por los usuarios de servicios públicos en California bajo la jurisdicción de la Comisión de Servicios Públicos de California (CPUC).

12. Availability of Funds: This program is available on a first-come, first served basis until allocated funds are depleted. This Program may be modified or terminated without notice.

13. Project Permits: After energy-saving measures are installed and operable and before incentive or rebates are paid, recipients must comply with the following terms, as applicable, and will be required to certify after installation. For HVAC measures, installation contractors shall certify that appropriate permits have been obtained, if applicable and contractor must document permit number, permitting agency, contractor name, signature and date. For all rebates or incentives offered by PG&E for an energy efficiency improvement or installation of energy efficiency components, equipment or appliances, the recipient must certify that appropriate permits have been obtained and, if a contractor performed the installation or improvement, that the contractor holds the appropriate license for the work performed. In the case of Direct Install measures in which the Third Party Implementer or contractor/installer is the recipient of the rebate or incentive, the Implementer shall certify that permitting requirements have been met.



Customer Cost, after rebates, to execute all work orders presented in this proposal: \$6396.64

I have read and understood the Terms and Conditions. I certify that the information I have provided is true and correct.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives as of the date set forth below

Customer: City of Marina
Customer Representative: Craig Oliver
3240 Imjin Road
Marina, CA 93933
(831) 884-1214
Email: coliver@ci.marina.ca.us

AMBAG Energy Watch
Program Representative: AJ Marquez
Ecology Action
877 Cedar Street, Suite 240
Santa Cruz, CA 95060
Phone: (831) 426-5925
Mobile: (831) 227-0792
Fax: (831) 427-1368
Email: amarquez@ecoact.org

Customer Representative's Title

Customer Representative's Printed Name

Customer Representative's Signature

Date

Program Representative's Printed Name

Program Representative's Signature

Date



Marina Municipal Airport
 Bldg 524
 761 Neeson Road
 Marina, CA 93933

Appendix A: Recommendations and Savings Checklist

Solution Key
 AHO: Annual Avg. Hours of Operation
 kWh: Annual kiloWatt Hours
 kW: kiloWatt Load
 Watts: Watts as published by the manufacturer

Qty	Description	Existing Equipment				Recommended Upgrade				Cost w/o rebate	Est. Savings		
		Watts	kW per Qty	AHO	kWh	Qty	Description	Watts	kW per Qty			AHO	kWh
Area: (2) Exterior Floods													
10	MH 400W 1L	458.0	4.58	4102.28	18788.44	10	LED Retrofit 130w (400w HID) 5700K Global Tech	129.0	1.29	4102.28	5291.94	\$6,217.85	\$2,040.34
2	HPS 400w	465.0	0.93	4102.28	3815.12	2	LED Flood 115w 5000K Yoke (Lithonia 250-350w Replacement)	115.0	0.23	4102.28	943.52	\$2,359.68	\$434.11
5	HPS 400w	465.0	2.32	4102.28	9537.80	5	LED Retrofit 130w (400w HID) 5700K Global Tech	129.0	0.64	4102.28	2645.97	\$2,691.82	\$1,041.88
1	INC 100A	100.0	0.10	521.4	52.14	1	LED Screw-in A19 17w 4000K Green Creative	17.0	0.02	521.4	8.86	\$80.42	\$14.44
											\$11,349.97	\$3,530.77	



Marina Municipal Airport
Bldg 524
761 Neeson Road
Marina, CA 93933

Appendix B: Material List Summary

* Per Item Cost

Equipment	Quantity	Equipment Cost *	Labor Hrs / Cost *
Recycle: HID Lamps	17.0	\$2.50	0 /\$0.00
LED Retrofit 130w (400w HID) 5700K Global Tech- Global Tech - GTSOL5498-GR-SOLY-120/277-HO	15.0	\$351.38	0.75 /\$90.00
Recycle: Ballast from HID	17.0	\$0.00	0 /\$0.00
LED Flood 115w 5000K Yoke (Lithonia 250-350w Replacement)- Lithonia - DSXF3 LED 6 A530I50K WFL MVOLT YKC62 PE	2.0	\$858.80	1 /\$120.00
LED Screw-in A19 17w 4000K Green Creative- Green Creative - 17A21G4DIM/840	1.0	\$24.98	0.08 /\$9.60
Labor Bypass Ballast	1.0	\$0.00	0.33 /\$39.60



Energy Efficiency Proposal

Upgrade Recommendations for Marina Municipal Airport Bldg 527

Project Name:

Marina Municipal Airport Bldg 527

Project Location:

741 Neeson Road
Marina, CA 93933

Presented To:

Rey Uncangco

Presented By:

AJ Marquez
Phone: (831) 426-5925
Mobile: (831) 227-0792
Fax: (831) 427-1368

Email: amarquez@ecoact.org

For questions during your installation, please
contact your Installation Manager:

Lore James
Ecology Action

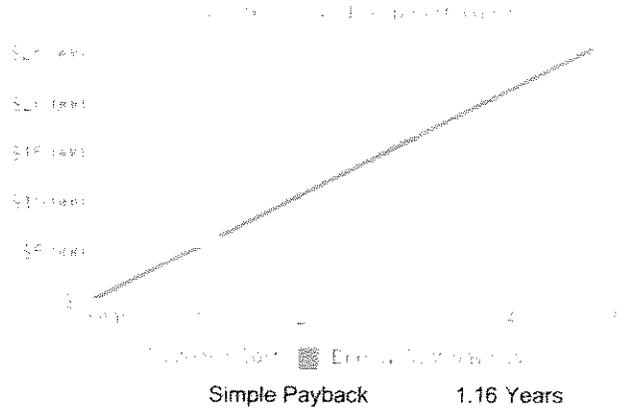
Phone: 831-515-1346
Mobile: +1 8312346906

Email: ljames@ecoact.org



Savings Summary

Installed Cost Before Rebate	\$13,004.32
Rebate	**
Net Cost	\$13,004.32
Rebate % of Total Cost	54%
Estimated Monthly Savings	\$424.22
Estimated 1st Year Savings	\$5,090.56*
Estimated 5 Year Savings	\$25,452.80*



Environmental Benefits

By implementing the measures outlined in this proposal you will save enough energy to achieve one of the following:

Estimated Energy Savings 33,649.95 kWh

Estimated Power Savings 8.24 kW

** Removal of 4.54 passenger vehicles from the road.

Addition of 49.47 acres of pine or fir trees (over a 10 year life span).

*Note - Savings are estimated using standard engineering calculations and are based on the hours of operation as described to the surveyor. Depending on actual usage as well as changes in your electric utility rate, your savings may be higher or lower. The savings indicated above are NOT guaranteed. Construction costs may vary slightly depending on fixture quantities and unforeseen conditions.

**Note - Based on DEER property type and measure savings values from the CPUC, this project is deemed to deliver 33763.50 kWh and 0.00 kW. The rebate offered for the project is calculated based on the deemed savings values.



Below is a summary of work to be performed. The first table shows total costs for all work to be performed in this proposal. The second table shows a list of individual work orders referenced by this proposal. To authorize the job initial next to each work order in the section provided. Not initialing may delay when installation will commence.

Work Order Cost Breakdown Summary

Disposal	\$31.50
Material	\$9,590.43
Labor (weekdays Rate)	
Base Labor Cost	\$1,298.40
Access Difficulty Cost Adjustment	\$0.00
Ceiling Height Cost Adjustment	\$681.82
Labor Total	\$1,980.22
Other Fees (Permits, Inspections, Lifts, etc.)	\$575.00
Estimated Taxes	\$827.18
Total	\$13,004.32

Work Order List Summary

Work Order	Installation cost	Rebate	Customer cost	Initials
Marina Municipal Airport Bldg 527-2015	\$13,004.32	\$7,090.34	\$5,913.98	x _____



Marina Municipal Airport Bldg 527
741 Neeson Road
Marina, CA 93933

Customer Work Order Agreement

By signing this Customer Work Order Agreement ("Agreement"), Customer (the business entity listed above) agrees to the following:

Measures and Incentives:

I have reviewed the Energy Efficiency Upgrade Summary and Report ("Report") provided by the AMBAG Energy Watch Program ("AMBAG Energy Watch" or "Program"), a copy of which is attached to this Agreement. I agree that to the best of my knowledge the schedule of operations contained in the Report accurately describes the hours of operation at the facility listed above. I understand that the energy efficiency measures described in the Report represent an estimate of expected energy savings, and that AMBAG Energy Watch does not guarantee a specific level of cost savings from the implementation of the proposed energy efficiency measures (collectively, the "Project").

AMBAG Energy Watch is implementing the Project on the Customer's behalf. Incentives for energy savings are calculated using the appropriate baseline to exceed California Title 20 and Title 24 standards. New products ordered, purchased or installed prior to 1/1/13 or after 12/15/15 do not qualify for an incentive. Resale products, products leased, rebuilt, rented, received from warranty of insurance claims, exchanged, won as a prize or new parts installed in existing products do not qualify for Incentives. PG&E is not responsible for the economic and technical feasibility, operational capability, and reliability of the Project.

Program Dates:

To be eligible for incentives, all projects must be installed and completed before December 14, 2015. Funding of incentives is distributed on a first-come first-served basis. AMBAG Energy Watch is funded by California ratepayers under the auspices of the California Public Utilities Commission ("CPUC"). I have received information about other programs offering rebates or services for measures covered by the AMBAG Energy Watch Program.

Project Commitment and Installation Completion Process:

I understand that I must have a signed Site Access Agreement on File to confirm Program Eligibility and a signed Customer Agreement to initiate installation. For each work order, I agree to have AMBAG Energy Watch contact (a) participating contractor(s) ("Contractor") who will perform a walk-through inspection, review the scope of the Projects outlined in the Report, and schedule the Project installation at a time that is mutually agreeable to all parties. I understand that the total installed costs for the components of the Project are described in the attached listing of individual work orders. Costs for correcting electrical code violations are not included in the costs quoted above and are not covered by the Program. Any electrical code violations found during the Contractors' inspections or during installation will be cause for the Contractors to stop work on the affected item(s) until such violations are corrected. I understand that the contractor walk-through may result in a Change Order due to specification or electrical code violations and that I will be notified and approve of any cost adjustments before additional work is completed.

I will sign an agreement with each Contractor, which shall be solely between the Contractor and Customer, for the out-of-pocket portion of the Project costs. I understand that AMBAG Energy Watch will provide a rebate, detailed in the work order listing, to offset the cost of the Project installations, and the rebate will be paid directly to the Contractors. I understand that I am responsible for paying the balance of the agreed-to contract price after rebate payment and that payment is due to the Contractor upon completion of the individual work order. At the completion of the project, I agree to sign the Customer Acceptance/Project Completion Form presented by the contractor on Ecology Action's behalf.

The value of Incentives and direct installations is taxable. Implementer will report incentives and direct installations greater than \$600 to the IRS unless you are exempt. Please consult your tax advisor concerning the taxability of incentives. The Customer, not the implementer, is responsible for any taxes imposed as a result of your receipt of Incentives from this Program. Form 1099 will be issued for the Customer, regardless of who the payee is, because the Customer receives the benefits of the Incentives.



General Terms and Conditions

- 1. Funding:** Implementer is receiving funds from Pacific Gas and Electric (PG&E) for this Project, but the Parties agree that PG&E is not liable to either Party for any losses or damages, including incidental or consequential damages, arising from this Agreement. PG&E makes no representation or warranty, and assumes no liability with respect to quality, safety, performance, or other aspect of any design, system or appliance installed pursuant to this Agreement, and expressly disclaims any such representation, warranty or liability.
- 2. Incidental and Consequential Damages:** BOTH PARTIES AGREE NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES.
- 3. Life of Product:** Customer understands Incentive payments are based on related energy benefits over the life of the product. Customer agrees if 1) Customer does not provide PG&E with 100% of the related benefits for the life of the product or a period of 5 years, whichever is less, or 2) Customer ceases to be a distribution Customer of PG&E during said time period, Customer shall refund a prorated amount of Incentive payment(s) to PG&E based on the actual period of time for which Customer provided the related energy benefits as an electric Customer of PG&E.
- 4. Customers with self generation capabilities:** If Customer has existing onsite cogeneration or self-generation, Implementer shall not pay Incentives for energy savings that exceed Customer's annual energy usage from PG&E. kW, kWh and therm savings are limited to the previous 12 months quantity of kW, kWh, and/or therms purchased from or delivered by the utility on the meter(s), serving the equipment to be installed, for which the utility collects the Public Purpose Programs (PPP) surcharge. The previous 12 months are defined as the calendar year prior to the date the Customer submitted and signed this Program Participation Agreement (including usage from Standby Service and less savings associated with pending energy efficiency applications). This policy is subject to change with 30 day written notice to Customer.
- 5. Incentive may not exceed Project cost:** Customer must submit Project invoice(s) which include: vendor name/address/phone, itemized listing of product(s) including quantity, product description(s), manufacturer, model #, and other identifying information as appropriate, Project cost, date invoice paid or payment terms, and installation date.
- 6. If Tenant:** If a tenant, Customer is responsible for obtaining the property owner's permission to install the Measure(s) for which Customer is applying for an Incentive payment. Customer's signature on this Program Participation Agreement indicates Customer has obtained this permission.
- 7. Access :** Customer will allow, if requested, a representative from PG&E, CPUC, Implementer, or any authorized subcontractor reasonable access to Facility to verify the installed product.
- 8. Compliance with Laws:** Implementer shall comply with all federal, state, and municipal laws, ordinances, rules, orders, and regulations, which apply to its actions at the Facility or to the Project.
- 9. Advertising:** Implementer agrees not to use the names or identifying characteristics of the Customer's Facility for published Project reports (except to fulfill reporting requirements to PG&E and/or the CPUC), advertising, sales promotion or other publicity without the Customer's written approval. In addition, Customer agrees not to use the names or identifying characteristics of Implementer for published Project reports, advertising, sales promotion, or other publicity without Implementer's written approval.
- 10. No Double-Dipping:** Customer understands that Customer cannot receive Incentives for the same product, equipment or service from more than one California investor-owned utility or third party Energy Efficiency program offering Incentives for the same product, equipment, or service funded with CPUC Public Goods Charge funds. Customer understands this prohibition applies to future applications and for three years prior to receiving the Incentives for the same product, equipment or service.
- 11. No Obligation:** California consumers are not obligated to purchase any full fee service or other service not funded by this Program. This Program is funded by California utility ratepayers under the auspices of the CPUC.

Los consumidores en California no están obligados a comprar servicios completos o adicionales que no esten cubiertos bajo este programa. Este programa está financiado por los usuarios de servicios públicos en California bajo la jurisdicción de la Comisión de Servicios Públicos de California (CPUC).
- 12. Availability of Funds:** This program is available on a first-come, first served basis until allocated funds are depleted. This Program may be modified or terminated without notice.
- 13. Project Permits:** After energy-saving measures are installed and operable and before incentive or rebates are paid, recipients must comply with the following terms, as applicable, and will be required to certify after installation. For HVAC measures, installation contractors shall certify that appropriate permits have been obtained, if applicable and contractor must document permit number, permitting agency, contractor name, signature and date. For all rebates or incentives offered by PG&E for an energy efficiency improvement or installation of energy efficiency components, equipment or appliances, the recipient must certify that appropriate permits have been obtained and, if a contractor performed the installation or improvement, that the contractor holds the appropriate license for the work performed. In the case of Direct Install measures in which the Third Party Implementer or contractor/installer is the recipient of the rebate or incentive, the Implementer shall certify that permitting requirements have been met.



Customer Cost, after rebates, to execute all work orders presented in this proposal: \$5913.98

I have read and understood the Terms and Conditions. I certify that the information I have provided is true and correct.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives as of the date set forth below

Customer: City of Marina
Customer Representative: Rey Uncangco
211 Hillcrest Avenue
Marina, CA 93933
(831) 582-2026
Email: runcangco@integratedcomposites.com

AMBAG Energy Watch
Program Representative: AJ Marquez
Ecology Action
877 Cedar Street, Suite 240
Santa Cruz, CA 95060
Phone: (831) 426-5925
Mobile: (831) 227-0792
Fax: (831) 427-1368
Email: amarquez@ecoact.org

Customer Representative's Title

Program Representative's Printed Name

Customer Representative's Printed Name

Customer Representative's Signature

Program Representative's Signature

Date

Date



Marina Municipal Airport
 Bldg 527
 741 Neeson Road
 Marina, CA 93933

Appendix A: Recommendations and Savings Checklist

Solution Key
 AHO: Annual Avg. Hours of Operation
 kWh: Annual kiloWatt Hours
 kW: kiloWatt Load
 Watts: Watts as published by the manufacturer

Existing Equipment						Recommended Upgrade						Cost w/o rebate	Est. Savings
Qty	Description	Watts	kW per Qty	AHO	kWh	Qty	Description	Watts	kW per Qty	AMO	kWh		
Area: (232523) Exterior Floods													
8	MH 1000w 1L	1080.0	8.64	4102.28	35443.70	8	LED Flood 156w 5000K Yoke (Lithonia 300-400w Replacement)	158.0	1.26	4102.28	5185.28	\$10,329.76	\$4,574.33
2	MH 400W 1L	458.0	0.92	4102.28	3757.69	2	LED Area Light 138W (Cree 400W equivalent)	139.0	0.28	4102.28	1140.43	\$2,213.63	\$395.66
												\$12,543.39	\$4,969.99
Area: (232524) Exterior Barn Fixture													
1	MV 175w	205.0	0.20	4102.28	840.97	1	LED Barn Fixture 28W 4000K RAB	28.0	0.03	4102.28	114.86	\$256.58	\$109.77
												\$256.58	\$109.77
Area: (232525) Ext Spot													
4	CFL 26W Lamp Existing	26.0	0.10	1094.94	113.87	4	LED PAR30 Short Neck 14.5w 3000K 40deg (Green Creative)	15.0	0.06	1094.94	65.70	\$204.35	\$10.80
												\$204.35	\$10.80



Marina Municipal Airport
Bldg 527
741 Neeson Road
Marina, CA 93933

Appendix B: Material List Summary

* Per Item Cost

Equipment	Quantity	Equipment Cost *	Labor Hrs / Cost *
Recycle: HID Lamps	11.0	\$2.50	0 /\$0.00
LED Flood 158w 5000K Yoke (Lithonia 350-400w Replacement)- Lithonia - DSXF3 LED 8 A530/50K WFL MVOLT YKC62 PE	8.0	\$963.71	1 /\$120.00
Recycle: Ballast from HID	11.0	\$0.00	0 /\$0.00
LED Area Light 139W (Cree 400W equivalent)- Cree - STR-LWY-3M-HT-08-E-UL-XX-525	2.0	\$801.46	1 /\$120.00
LED Barn Fixture 28W 4000K RAB- RAB - YBLED26N	1.0	\$145.59	0.5 /\$60.00
LED PAR30 14.5W 3000K 40Deg Short Neck (Green Creative)- Green Creative - 14.5PAR30SNG3DIM/830FL40	4.0	\$33.06	0.08 /\$9.60
CFL 26W Lamp Existing	4.0	\$0.00	0 /\$0.00
Recycle: CFL Screw-in	4.0	\$1.00	0 /\$0.00



Energy Efficiency Proposal

Upgrade Recommendations for Marina Municipal Airport Bldg 533

Project Name:

Marina Municipal Airport Bldg 533

Project Location:

721 Neeson Road
Marina, CA 93933

Presented To:

Craig Oliver

Presented By:

AJ Marquez
Phone: (831) 426-5925
Mobile: (831) 227-0792
Fax: (831) 427-1368

Email: amarquez@ecoact.org

For questions during your installation, please
contact your Installation Manager:

Lore James
Ecology Action

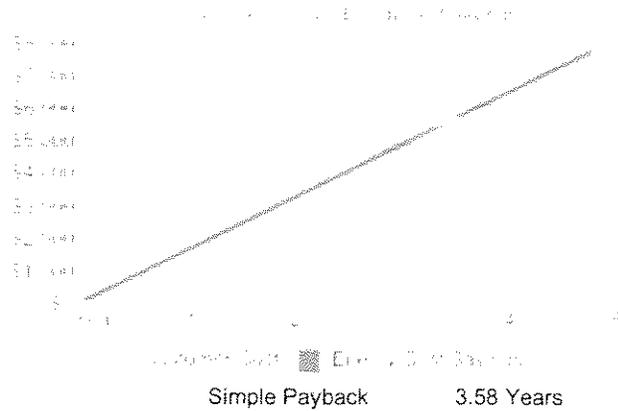
Phone: 831-515-1346
Mobile: +1 8312346906

Email: ljames@ecoact.org



Savings Summary

Installed Cost Before Rebate	\$7,296.03
Rebate	\$1,751.05
Net Installed Cost	\$5,544.98
Rebate % of Total Cost	24%
Estimated Monthly Savings	\$128.88
Estimated 1st Year Savings	\$1,546.53*
Estimated 5 Year Savings	\$7,732.65*



Environmental Benefits

By implementing the measures outlined in this proposal you will save enough energy to achieve one of the following:

Estimated Energy Savings 8,368.65 kWh
 Estimated Power Savings 2.04 kW

• = Removal of 1.13 passenger vehicles from the road.

• = Addition of 12.3 acres of pine or fir trees (over a 10 year life span).

*Note - Savings are estimated using standard engineering calculations and are based on the hours of operation as described to the surveyor. Depending on actual usage as well as changes in your electric utility rate, your savings may be higher or lower. The savings indicated above are NOT guaranteed. Construction costs may vary slightly depending on fixture quantities and unforeseen conditions.

**Note - Based on DEER property type and measure savings values from the CPUC, this project is deemed to deliver 8364.00 kWh and 0.00 kW. The rebate offered for the project is calculated based on the deemed savings values.



Below is a summary of work to be performed. The first table shows total costs for all work to be performed in this proposal. The second table shows a list of individual work orders referenced by this proposal. To authorize the job initial next to each work order in the section provided. Not initialing may delay when installation will commence.

Work Order Cost Breakdown Summary

Disposal	\$15.00
Material	\$5,152.80
Labor (weekdays Rate)	
Base Labor Cost	\$720.00
Access Difficulty Cost Adjustment	\$0.00
Ceiling Height Cost Adjustment	\$388.80
Labor Total	\$1,108.80
Other Fees (Permits, Inspections, Lifts, etc.)	\$575.00
Estimated Taxes	\$444.43
Total	\$7,296.03

Work Order List Summary

Work Order	Installation cost	Rebate	Customer cost	Initials
Marina Municipal Airport Bldg 533-2015	\$7,296.03	\$1,756.44	\$5,539.59	x _____



Marina Municipal Airport Bldg 533
721 Neeson Road
Marina, CA 93933

Customer Work Order Agreement

By signing this Customer Work Order Agreement ("Agreement"), Customer (the business entity listed above) agrees to the following:

Measures and Incentives:

I have reviewed the Energy Efficiency Upgrade Summary and Report ("Report") provided by the AMBAG Energy Watch Program ("AMBAG Energy Watch" or "Program"), a copy of which is attached to this Agreement. I agree that to the best of my knowledge the schedule of operations contained in the Report accurately describes the hours of operation at the facility listed above. I understand that the energy efficiency measures described in the Report represent an estimate of expected energy savings, and that AMBAG Energy Watch does not guarantee a specific level of cost savings from the implementation of the proposed energy efficiency measures (collectively, the "Project").

AMBAG Energy Watch is implementing the Project on the Customer's behalf. Incentives for energy savings are calculated using the appropriate baseline to exceed California Title 20 and Title 24 standards. New products ordered, purchased or installed prior to 1/1/13 or after 12/15/15 do not qualify for an incentive. Resale products, products leased, rebuilt, rented, received from warranty of insurance claims, exchanged, won as a prize or new parts installed in existing products do not qualify for incentives. PG&E is not responsible for the economic and technical feasibility, operational capability, and reliability of the Project.

Program Dates:

To be eligible for incentives, all projects must be installed and completed before December 14, 2015. Funding of incentives is distributed on a first-come first-served basis. AMBAG Energy Watch is funded by California ratepayers under the auspices of the California Public Utilities Commission ("CPUC"). I have received information about other programs offering rebates or services for measures covered by the AMBAG Energy Watch Program.

Project Commitment and Installation Completion Process:

I understand that I must have a signed Site Access Agreement on File to confirm Program Eligibility and a signed Customer Agreement to initiate installation. For each work order, I agree to have AMBAG Energy Watch contact (a) participating contractor(s) ("Contractor") who will perform a walk-through inspection, review the scope of the Projects outlined in the Report, and schedule the Project installation at a time that is mutually agreeable to all parties. I understand that the total installed costs for the components of the Project are described in the attached listing of individual work orders. Costs for correcting electrical code violations are not included in the costs quoted above and are not covered by the Program. Any electrical code violations found during the Contractors' inspections or during installation will be cause for the Contractors to stop work on the affected item(s) until such violations are corrected. I understand that the contractor walk-through may result in a Change Order due to specification or electrical code violations and that I will be notified and approve of any cost adjustments before additional work is completed.

I will sign an agreement with each Contractor, which shall be solely between the Contractor and Customer, for the out-of-pocket portion of the Project costs. I understand that AMBAG Energy Watch will provide a rebate, detailed in the work order listing, to offset the cost of the Project installations, and the rebate will be paid directly to the Contractors. I understand that I am responsible for paying the balance of the agreed-to contract price after rebate payment and that payment is due to the Contractor upon completion of the individual work order. At the completion of the project, I agree to sign the Customer Acceptance/Project Completion Form presented by the contractor on Ecology Action's behalf.

The value of Incentives and direct installations is taxable. Implementer will report incentives and direct installations greater than \$600 to the IRS unless you are exempt. Please consult your tax advisor concerning the taxability of incentives. The Customer, not the implementer, is responsible for any taxes imposed as a result of your receipt of incentives from this Program. Form 1099 will be issued for the Customer, regardless of who the payee is, because the Customer receives the benefits of the Incentives.



General Terms and Conditions

1. Funding: Implementer is receiving funds from Pacific Gas and Electric (PG&E) for this Project, but the Parties agree that PG&E is not liable to either Party for any losses or damages, including incidental or consequential damages, arising from this Agreement. PG&E makes no representation or warranty, and assumes no liability with respect to quality, safety, performance, or other aspect of any design, system or appliance installed pursuant to this Agreement, and expressly disclaims any such representation, warranty or liability.

2. Incidental and Consequential Damages: BOTH PARTIES AGREE NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES.

3. Life of Product: Customer understands Incentive payments are based on related energy benefits over the life of the product. Customer agrees if 1) Customer does not provide PG&E with 100% of the related benefits for the life of the product or a period of 5 years, whichever is less, or 2) Customer ceases to be a distribution Customer of PG&E during said time period, Customer shall refund a prorated amount of Incentive payment(s) to PG&E based on the actual period of time for which Customer provided the related energy benefits as an electric Customer of PG&E.

4. Customers with self generation capabilities: If Customer has existing onsite cogeneration or self-generation, implementer shall not pay Incentives for energy savings that exceed Customer's annual energy usage from PG&E. KW, kWh and therm savings are limited to the previous 12 months quantity of kW, kWh, and/or therms purchased from or delivered by the utility on the meter(s), serving the equipment to be installed, for which the utility collects the Public Purpose Programs (PPP) surcharge. The previous 12 months are defined as the calendar year prior to the date the Customer submitted and signed this Program Participation Agreement (including usage from Standby Service and less savings associated with pending energy efficiency applications). This policy is subject to change with 30 day written notice to Customer.

5. Incentive may not exceed Project cost: Customer must submit Project invoice(s) which include: vendor name/address/phone, itemized listing of product(s) including quantity, product description(s), manufacturer, model #, and other identifying information as appropriate, Project cost, date invoice paid or payment terms, and installation date.

6. If Tenant: If a tenant, Customer is responsible for obtaining the property owner's permission to install the Measure(s) for which Customer is applying for an Incentive payment. Customer's signature on this Program Participation Agreement indicates Customer has obtained this permission.

7. Access : Customer will allow, if requested, a representative from PG&E, CPUC, Implementer, or any authorized subcontractor reasonable access to Facility to verify the installed product.

8. Compliance with Laws: Implementer shall comply with all federal, state, and municipal laws, ordinances, rules, orders, and regulations, which apply to its actions at the Facility or to the Project.

9. Advertising: Implementer agrees not to use the names or identifying characteristics of the Customer's Facility for published Project reports (except to fulfill reporting requirements to PG&E and/or the CPUC), advertising, sales promotion or other publicity without the Customer's written approval. In addition, Customer agrees not to use the names or identifying characteristics of Implementer for published Project reports, advertising, sales promotion, or other publicity without Implementer's written approval.

10. No Double-Dipping: Customer understands that Customer cannot receive Incentives for the same product, equipment or service from more than one California investor-owned utility or third party Energy Efficiency program offering Incentives for the same product, equipment, or service funded with CPUC Public Goods Charge funds. Customer understands this prohibition applies to future applications and for three years prior to receiving the Incentives for the same product, equipment or service.

11. No Obligation: California consumers are not obligated to purchase any full fee service or other service not funded by this Program. This Program is funded by California utility ratepayers under the auspices of the CPUC.

Los consumidores en California no están obligados a comprar servicios completos o adicionales que no esten cubiertos bajo este programa. Este programa está financiado por los usuarios de servicios públicos en California bajo la jurisdicción de la Comisión de Servicios Públicos de California (CPUC).

12. Availability of Funds: This program is available on a first-come, first served basis until allocated funds are depleted. This Program may be modified or terminated without notice.

13. Project Permits: After energy-saving measures are installed and operable and before incentive or rebates are paid, recipients must comply with the following terms, as applicable, and will be required to certify after installation. For HVAC measures, installation contractors shall certify that appropriate permits have been obtained, if applicable and contractor must document permit number, permitting agency, contractor name, signature and date. For all rebates or incentives offered by PG&E for an energy efficiency improvement or installation of energy efficiency components, equipment or appliances, the recipient must certify that appropriate permits have been obtained and, if a contractor performed the installation or improvement, that the contractor holds the appropriate license for the work performed. In the case of Direct Install measures in which the Third Party Implementer or contractor/installer is the recipient of the rebate or incentive, the Implementer shall certify that permitting requirements have been met.



Customer Cost, after rebates, to execute all work orders presented in this proposal: \$5539.59

I have read and understood the Terms and Conditions. I certify that the information I have provided is true and correct.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives as of the date set forth below

Customer:City of Marina
Customer Representative:Craig Oliver
3240 Imjin Road
Marina,CA 93933
(831) 884-1214
Email: coliver@ci.marina.ca.us

AMBAG Energy Watch
Program Representative:AJ Marquez
Ecology Action
877 Cedar Street, Suite 240
Santa Cruz, CA 95060
Phone: (831) 426-5925
Mobile: (831) 227-0792
Fax: (831) 427-1368
Email:amarquez@ecoact.org

Customer Representative's Title

Customer Representative's Printed Name

Customer Representative's Signature

Date

Program Representative's Printed Name

Program Representative's Signature

Date



Marina Municipal Airport
 Bldg 533
 721 Neeson Road
 Marina, CA 93933

Appendix A: Recommendations and Savings Checklist

Solution Key
 AHO: Annual Avg. Hours of Operation
 kWh: Annual kiloWatt Hours
 kW: kiloWatt Load
 Watts: Watts as published by the manufacturer

Qty	Description	Existing Equipment				Recommended Upgrade				Cost w/o rebate	Est. Savings		
		Watts	kW per Qty	AHO	kWh	Watts	kW per Qty	AHO	kWh				
Area: (231009) Exterior Floods													
6	MV 400w	455.0	2.73	4102.28	11199.22	6	LED Flood 115w 5000K Yoke (Lehonia 250-350w Replacement)	115.0	0.69	4102.28	2830.57	\$7,296.03	\$1,546.53
											\$7,296.03	\$1,546.53	



Marina Municipal Airport
Bldg 533
721 Neeson Road
Marina, CA 93933

Appendix B: Material List Summary

* Per Item Cost

Equipment	Quantity	Equipment Cost *	Labor Hrs / Cost *
LED Flood 115w 5000K Yoke (Lithonia 250-350w Replacement)- Lithonia - DSXF3 LED 6 A530/50K WFL MVOLT YKC62 PE	6.0	\$858.80	1 /\$120.00
Recycle: HID Lamps	6.0	\$2.50	0 /\$0.00
Recycle: Ballast from HID	6.0	\$0.00	0 /\$0.00

Honorable Mayor and Members
of the Marina City Council

City Council Meeting
of October 6, 2015

**CITY COUNCIL CONSIDER ADOPTING RESOLUTION NO. 2015- ,
ACCEPTING PACIFIC GAS AND ELECTRIC COMPANY (PG&E)
REBATES VIA AMBAG ENERGY WATCH PROGRAM FOR EXTERIOR
LIGHTING IMPROVEMENTS AT THE MARINA MUNICIPAL AIRPORT
AND AUTHORIZING CITY MANAGER TO EXECUTE GRANT
DOCUMENTS ON BEHALF OF CITY SUBJECT TO FINAL REVIEW AND
APPROVAL BY THE CITY ATTORNEY**

REQUEST:

It is requested that the City Council consider:

1. Adopting Resolution No. 2015- , accepting Pacific Gas and Electric Company (PG&E) rebates via AMBAG Energy Watch Program for exterior lighting improvements at the Marina Municipal Airport, and;
2. Authorizing City Manager to execute program documents on behalf of the City subject to final review and approval by City Attorney.

BACKGROUND:

The Association of Monterey Bay Area Governments (AMBAG) and Pacific Gas and Electric Company (PG&E) partnered to deliver the AMBAG Energy Watch Program, a regional leader in energy efficiency in Monterey, San Benito and Santa Cruz counties.

AMBAG Energy Watch reduces energy use in our area by providing the following resources to eligible PG&E customers:

- energy assessments and audits
- direct installation of energy efficient equipment
- technical assistance and financial incentives for energy efficient retrofits in municipal buildings
- energy efficiency seminars and training courses in the region
- information on other PG&E energy efficiency programs and services
- assistance accessing 0% or 3% financing for energy efficiency projects
- developing Energy Action Strategies for jurisdictions
- compiling greenhouse gas inventories for jurisdictions

AMBAG Energy Watch and PG&E provide rebates and incentives for projects that reduce energy use. Energy Watch staff will assist in streamlining the rebate process by managing applications with PG&E to ensure that rebate criteria is satisfied and the maximum potential incentive is obtained.

ANALYSIS:

In September, AMBAG Energy Watch presented five proposals for exterior lighting improvements at the airport in hangars/buildings 507, 510, 524, 527 and 533 herein referred to as “project”. The proposed project cost is \$61,078.18. Project funding would be from PG&E rebates of \$21,391.61 and City – Airport Operations Fund cost of \$39,054.57.

Each hangar/building proposal presents cost, rebate and estimated ongoing savings and payback period (“**EXHIBIT A**”). As noted on page 2 of each proposal, the costs of the identified lighting upgrades pay for their selves in a relatively short period of time. Further, these lighting upgrades and resulting energy savings are consistent with Assembly Bill 32 - California’s initiative or goal to reduce emissions to 1990 levels by 2020.

The proposed lighting upgrades would enhance exterior lighting at the airport improving safety, security for all airport users as several of the upgrades will replace lighting fixtures that are not currently working.

If approved, the project work of installing the lighting upgrades is estimated to take up to 4 weeks. Then after inspection and acceptance by AMBAG and PG & E, rebates are paid directly to the contractor(s) and payment of costs to be paid by the City would be processed.

FISCAL IMPACT:

Should the City Council approve this request, the total estimated cost of the project for exterior lighting improvements at the Airport is \$61,078.18, with PG&E rebates of \$21,391.61 and \$39,054.57 to be paid by the City – Airport Operations Fund.

Funding for the actual costs to the City- Airport Operations Fund is available in the FY 2015-16 Budget, Marina Municipal Airport Operations Fund 55, Department 300, Building Maintenance, Account No. 55.300.63630. Costs to be paid by the City – Airport Operations Fund will be recorded in the Building Maintenance account.

CONCLUSION:

This request is submitted for City Council consideration and possible action.

Respectfully submitted,

Jeff Crechriou
Airport Services Manager
City of Marina

REVIEWED/CONCUR:

Layne Long
City Manager
City of Marina