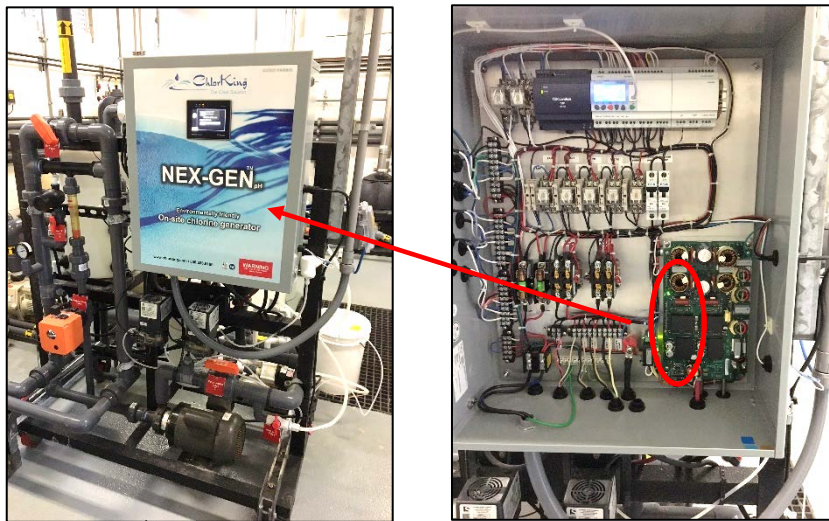


## REQUEST FOR ACTION

<b>To</b>	The Collection Board of Directors			
<b>Subject</b>	Pool Equipment Rm Next Gen Power Supply Board Replacement			
<b>Preparer</b>	Ryan Kamo, Secretary & Al Guzman, General Manager			
<b>Date</b>	March 22, 2018	<b>For Board</b>	x	<b>Action</b>
				<b>Info</b>

### EXECUTIVE SUMMARY

On February 19, 2018, the Next Gen chemical feeders power supply board failed. There are two chemical feeders. One for the Pool and one for the Spas. The power supply board for the one that feeds the pool failed. The Next Gen produces chlorine and automatically feeds it to the pool.



Since the pool's power supply board failed, chlorine is now purchased and manually fed and balanced by the staff. The virtues of the chemical feeder are that it saves on manual labor and since it measures the chlorine produced, it saves on chemical costs as well.

**NOTE:** It was noticed that the failure came after a significant power outage. HECO was contacted and the following was reported. Outages occurred on:

- Wednesday, 2/14 – outage on primary circuit due to cable fault.
- Monday, 2/19 – outage on the primary circuit due to equipment failure.
- Tuesday, 2/20 – frequency drop on the grid due to loss of a generating unit at Kahe. The entire island felt this.
- Wednesday, 2/21 – outage on the primary circuit due to similar equipment failure as 2/19 that should now be resolved.

As such, a claim was filed with HECO. It is unknown at this time what the outcome will be.

### RECOMMENDATION

That the Board of Directors The cost to replace the chemical feeder power supply board is \$4,023.

**RATIONALE**

The virtues of getting the Pool's Next Gen's chemical feeder back on line are :

- It'll save on labor to manually feed and balance throughout the day.
- It eliminates the purchase And storage of chlorine; removing those unnecessary health risks.
- It efficiently makes use of the produced chlorine. Overages by manually feeding the pool will be costly over time.
- It produces a natural PH chlorine allowing for a more stable, effective chlorine to treat the pool and is a softer product than traditional chlorine.

Exhibits (If applicable)	Index	Title
	A	Estimate for Next Gen chemical feeder Power Supply Board replacement.
	B	HECO Claim

**FOR BOARD USE ONLY**

**CERTIFICATE OF BOARD ACTION**

<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Declined	<input type="checkbox"/> Noted	<input type="checkbox"/> Returned	<input type="checkbox"/> Deferred	<input type="checkbox"/> Withdrawn
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**Stipulations**

**Coordinating Instructions**

**Distribution Instructions**

Recording Secretary	Ryan Kamo	Action Date	3/22/18	RFA No.	14-2018
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Exhibit A

# ESTIMATE

PLEASE REMIT TO:

**PACIFIC AQUASCAPES, INC.**  
**91-170 OLAI STREET**  
**KAPOLEI, HI 96707**  
**PHONE: (808) 682-1020**  
**FAX: (808) 682-7269**

ESTIMATE DATE: 03/06/18

**The Collection**  
**600 Ala Moana Blvd.**  
**Honolulu, HI 96813**

**JOB NAME: The Collection**  
**JOB NUMBER: 10-18-997-19**

[gm@thecollectionhonolulu.com](mailto:gm@thecollectionhonolulu.com)

ITEM	DESCRIPTION	AMOUNT
1	Chlorking Power Supply Board	\$ 3,103.10
2	Surge Protector	\$ 139.10
3	Subcontractor - Joon's Electric	\$ 390.00
4	Labor - PAS	\$ 160.00
5	Shipping GA to HI	\$ 49.48
	<b>SUBTOTAL</b>	<b>\$ 3,841.68</b>
	<b>GET:</b>	<b>\$ 181.02</b>
	<b>TOTAL ESTIMATE</b>	<b>\$ 4,022.70</b>

## Exhibit B

### Interruption of Electric Service Claim for Damage or Loss

Should you experience a power outage, you have the right to file a claim for compensation for any loss caused by that outage. You may be eligible to receive either the cost to repair or the depreciated value of the damaged items, whichever is less.

*Note: For your claim to be valid, it must be filed with Hawaiian Electric Company within 30 days of the interruption of electric service. (Rule 16, PUC Order 10960)*

Name of resident or business The Collection AOUO

Contact person (if different from above) Al Guzman

Incident address 600 Ala Moana Blvd., Hon., HI 96813

Mailing address (if different from above) \_\_\_\_\_

Electric service account number 201013960269

Phone number (home) \_\_\_\_\_ (work) 808-548-4555 (cell) \_\_\_\_\_

Date and time of the incident (date) 2/19/18 (approximate time) 7:12am

Did you place a trouble call to Hawaiian Electric at the time of the incident?  Yes  No

Description of the incident (check as appropriate)

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Power outage | <input type="checkbox"/> Partial outage | <input type="checkbox"/> Flickering lights |
| <input type="checkbox"/> Line Sparking           | <input type="checkbox"/> Loud noise     | <input type="checkbox"/> Burned Smell      |

Other observations \_\_\_\_\_

List damaged electric appliances (include make, model, serial number, year purchased – for foods or other items include description of items and amounts)

Make: Chlorking
Model: Next Gen 10
Serial #: 8001
Year Purchased: 2016
Component: Power Supply Board

If you have estimates or receipts for repairs or replacement costs, keep them until requested by Hawaiian Electric's adjuster. Keep damaged items until your claim has been resolved. To contact Hawaiian Electric's Claims Department, call 543-4624.

Mail completed form to: Hawaiian Electric Company  
Claims Department  
P.O. Box 2750  
Honolulu, HI 96840-0001



**Hawaiian  
Electric**