



Mandalay Generating Station  
393 N. Harbor Boulevard  
Oxnard, CA 93035

February 9, 2018

Ms. Eileen Sobeck  
Executive Director  
State Water Resources Board  
Division of Water Quality, 15<sup>th</sup> Floor  
1001 I Street  
Sacramento, CA 95814

**Re: Once Through Cooling Policy Interim Mitigation Fee Information Request for October 2016-September 2017, Mandalay Generating Station, Resolution 2015-0057; Letter dated December 11, 2017**

Dear Ms. Sobeck,

NRG California South LP ("NRG California South"), owner of the Mandalay Generating Station (MGS), submits its response to the State Water Resources Control Board's (SWRCB) December 11, 2017 letter in which the SWRCB requested monthly and total intake volume and actual annual impingement data in total pounds for October 1, 2016 – September 30, 2017. The information request was received December 20, 2017. Response to this information request will be used to calculate the interim mitigation payments for this period in compliance with the SWRCB's Policy on the Use of Coastal and Estuarine Water for Power Plant Cooling (OTC Policy), Option 2.C(3)(b). Below are the requested total intake volume and annual impingement in pounds for October 1, 2016 - September 30, 2017. Supporting data are presented in Attachment A to this letter.

1. Total intake volume for October 1, 2016 – September 30, 2017 = 19,868.54 million gallons (MG)
2. Total actual annual impingement = 22.944 pounds fish; 44.899 pounds invertebrates; 41.006 pounds algae/shells

I anticipate the above information has addressed the SWRCB's information request. If you have any questions or comments, please do not hesitate to contact me at [george.piantka@nrg.com](mailto:george.piantka@nrg.com) or (760) 710-2156, or Tom Di Ciolli at [thomas.diciolli@genon.com](mailto:thomas.diciolli@genon.com) or (805) 984-5241.

Sincerely,  
On behalf of NRG California South LP

George L. Piantka, PE  
Sr. Director, Regulatory Environmental Services  
NRG Energy, Inc.

Attachment A - October 2016 – September 2017 Mandalay Generating Station  
Monthly and Total Discharge Flows (MG) and Annual Impingement (Pounds)

cc: Katherine Faick, SWRCB  
Maria de la Paz Carpio-Obeso, SWRCB  
Karen Larsen, SWRCB  
Tom Di Ciolli, Mandalay Generating Station  
Scott Warnock, Mandalay Generating Station

Attachment A  
October 2016 – September 2017 Mandalay Generating Station  
Monthly and Total Discharge Flows (MG) and Annual Impingement (Pounds)

**2016 MANDALAY FLOW TOTALS (GAL)**

3,615,200,000		Oct
2,504,100,000		Nov
711,800,000		Dec

**2017 MANDALAY FLOW TOTALS (GAL)**

672,700,000		Jan
1,167,600,000		Feb
770,500,000		Mar
540,700,000		Apr
2,211,000,000		May
1,617,300,000		Jun
1,932,575,000		Jul
2,035,362,000		Aug
2,089,700,000		Sep

<b>Total Gallons</b>	19,868,537,000
<b>Total MG</b>	19,868.54

## MANDALAY FISH COUNT

Year	Month	Fish	Invertebrates	Algae/Shells
2016	Oct	0.002	0.434	7.937
<b>TOTAL:</b>		<b>0.002</b>	<b>0.434</b>	<b>7.937</b>
2017	Mar	0.280	0.126	0.000
Recirc	May	22.626	44.278	0.000
	Aug	0.035	0.062	33.069
<b>TOTAL:</b>		<b>22.941</b>	<b>44.465</b>	<b>33.069</b>

**16~17 TOTAL:                    22.944                    44.899                    41.006**