

15-0018  
Related Council File:  
08-2697

MOTION

ENERGY & ENVIRONMENT

In 2008, the Department of Water and Power (DWP) reported to the Council regarding the status of the Harbor Refineries Pipeline Project (HRPP; CF# 08-2697). The purpose of the HRPP was to construct the necessary infrastructure to produce and deliver recycled water to various industrial/commercial customers in the Los Angeles Harbor area (CF# 08-2697); and thereby reduce potable water use.

At the time, the DWP reported that it was developing the environmental documentation for the HRPP and that it would begin construction of the pipeline by the end of 2009. The DWP indicated that recycled water would be available to potential customers in the coming years; and that it would help to offset approximately 9,300 acre-feet per year of potable water demands.

The DWP stated that it was in discussions with multiple potential customers in the Harbor area regarding the use of recycled water. It met with representatives of ConocoPhillips Refinery, Tesoro Refinery, Valero Refinery, Air Products and Chemicals and other entities. The DWP planned to discuss and pursue long-term agreements with interested commercial customers regarding the HRPP.

In addition, the DWP reported that it was engaged in a partnership with the Bureau of Sanitation (BOS) regarding the expansion of the Advanced Water Purification Facility (AWPF) at the Terminal Island Water Reclamation Plant (TIWRP). The facility delivers up to 5 million gallons per day of recycled water through micro-filtration and reverse osmosis. Future expansion of the AWPF would increase the delivery of recycled water to 12.5 million gallons per day to Machado Lake, Harbor Generating Station and other users.

The state and region have been experiencing extreme drought conditions for the past several years. The limited snowpack and rainfall level have impacted the City's water supply and has resulted in increased purchases of imported water. In October 2014, the Mayor issued an Executive Directive calling for a reduction in potable water use by 20% by 2017; and the creation of an integrated water strategy that increases local water supplies.

The DWP and the BOS's Recycled Water Master Plan and the Urban Water Management Plan are critical pieces that will help the City meet its drought challenges. Given that, the DWP and the BOS should report on their water conservation efforts as well as the current status of the HRPP and the AWPF expansion; and how these projects fit in to the City's overall local water supply strategy and the reduction of potable water use. In this manner, the City may effectively meet the needs of its residents.

I THEREFORE MOVE that the Department of Water and Power and the Bureau of Sanitation be requested/instructed to report to the Council in 30 days on their water supply efforts, and in particular the current status of recycled water projects - the Harbor Refineries Pipeline Project (HRPP) and the Advanced Water Purification Facility (AWPF) expansion; and how these projects fit into the City's overall local water supply strategy and the reduction of potable water use.

PRESENTED BY:

  
JOE BUSCAINO  
Councilmember, 15<sup>th</sup> District

SECONDED BY:



  
2015 - 7

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