STAFF REPORT

WATER AND POWER

DATE: June 22, 2021

TO: Justin Hess, City Manager

FROM: Dawn Roth Lindell, General Manager, Burbank Water and Power
VIA: Richard Wilson, Assistant General Manager – Water Systems
BY: Asif Sheikh, Principal Civil Engineer

SUBJECT: Approval of the 2020 Urban Water Management Plan and Water Shortage Contingency Plan

RECOMMENDATION

1. Approve the 2020 Urban Water Management Plan and Water Shortage Contingency Plan; and

2. Direct the General Manager of Burbank Water and Power (BWP) to file the 2020 Urban Water Management Plan with the California Department of Water Resources and the California State Library within 30 days after the date of this approval.

BACKGROUND

The California Urban Water Management Planning Act, Water Code Sections 10610 through 10657 requires many urban water suppliers to assess the reliability of their water sources every five years over a 20-year planning horizon through the preparation of an Urban Water Management Plan (UWMP). A plan must be prepared by suppliers who provide over 3,000 acre-feet (AF) of water annually, or serve 3,000 or more connections. The City of Burbank has over 26,000 water service connections and supplies more than 16,000 AF of potable water annually.

In response to the severe statewide drought of 2012-2016, legislation in 2018 created new requirements regarding preparation and adoption of water shortage contingency plans (WSCP), which must be submitted to the state with the 2020 UWMP and any time the WSCP is formally amended, pursuant to California Water Code section 10640(b).

DISCUSSION

Urban water management plans were completed at the end of 1985, 1990, 1995, 2000 and 2005. In November 2009, Senate Bill 7 (SBx7-7) was passed into law, mandating a 20 percent reduction in per capita water use by December 31, 2020, along with an interim 10 percent reduction by the end of 2015. Subsequent UWMPs that incorporated these mandates were completed in 2010 and 2015. The City of Burbank successfully met and exceed the mandated 20 percent per capita reduction by achieving 138 gallons per capita per day (gpcd), which amounts to a 30% reduction in water usage since the year 2010. The updated 2020 UWMP documents this achievement and the adopted plan is due on or before July 1, 2021.

Previous water shortage contingency planning efforts were included in the Urban Water Shortage Contingency Plan (1992) and the Integrated Water Resources Plan (1997). The information contained within these plans was subsequently integrated into UWMPs beginning in the year 2000. While overlap exists with the new requirements, the latest legislation requires the preparation of a prescriptive water shortage contingency plan which must be included with the 2020 UWMP.

The urban water management plan must include:

- Assessment of past and future water supplies and demands
- Evaluation of the future reliability of Burbank's water supplies over a 20-year planning horizon
- Discussion of demand management measures and Burbank's water shortage contingency plan
- Discussion of use and planned use of recycled water
- Evaluation of distribution system water losses

Staff prepared the attached 2020 Urban Water Management Plan, which includes the Water Shortage Contingency Plan, and will present the highlights of these plans for the City Council's comments and approval.

Pursuant to California Water Code Section 10642, public involvement and comment have been solicited though BWP's website. The City Council must formally adopt the plan, after which it must be submitted to the California Department of Water Resources and the California State Library.

FISCAL IMPACT

There is no fiscal impact associated with this item.

CONCLUSION

The 2020 Urban Water Management Plan meets all statutory requirements. The City's water supplies are projected to meet water demands through at least the year 2045. The City's highest growth occurs through new development that is needed to meet our housing goals, with moderate to lower growth in the multi-family, commercial and single-family sectors. The City has met the water use target set forth by Senate Bill 7 by achieving a 30% reduction in water use since the year 2010. In addition to everyday water conservation practices, further demand management measures include regular water system maintenance and capital improvements, as well as maximizing recycled water use.

ATTACHMENTS

Attachment 1 – Proposed 2020 Urban Water Management Plan
Correspondences