

[Board Approved: 11-Jul-2023] Irrigation Efficiency

Irrigation Efficiency, measured as the percentage of surface water applied that is credited to a water account, shall be categorized into four distinct groups based on both the time of year and land use. The two primary land use categories are "irrigated agriculture" and "dedicated recharge basins." Additionally, two temporal categories are recognized: "winter" spanning from October 1 to March 31, and "summer" covering April 1 to September 30. Any portion of water not directly credited to a user's account is assumed to percolate through the root zone and replenish groundwater levels, consequently augmenting the groundwater allocation for MKGSA.

Table 1. Irrigation Efficiency - Indicating Fraction of Surface Water Credited to User Account

	October 1 – March 31	April 1 – September 30
Irrigated Agriculture	90%	75%
Dedicated Recharge Basin	100%	90%