

WATER SUPPLY PLAN COMPLIANCE

Directors of Utilities Committee

July 12, 2017

VA HYDRO INPUTS (STATE PLAN) MUNICIPAL SYSTEM DEMAND PROJECTIONS

POTENTIAL OPTIONS:

**A. 2011 overall use projection for each locality;
Make corrections to match the 2011 Regional
Water Supply Plan**

1. Total municipal water system demand (MGD) for each locality in years 2010, 2020, 2030, and 2040 (includes all use categories; Year = MGD)

B. Update overall use projection for each locality:

1. Total municipal water system demand (MGD) for each locality in years 2020, 2030, and 2040 (include all use categories; Year = MGD)

C. Develop disaggregated use projections for each locality, 8 use categories:

1. 2020, 2030, and 2040 municipal demand projections (Year = MGD) for each of the 8 water use categories listed at right

Municipal Use Categories:

1. Residential
2. Commercial, Institutional, Light Industrial
3. Heavy Industry
4. Military
5. Sales
6. Process Loss
7. Unaccounted Loss
8. Other