

## RULE CURVE DEFINITIONS

- MRC** *MANDATORY RULE CURVE* For the period August thru December is based on historical flows and for the period January thru July is based on forecast flows. The **MRC's** reflect the amount of storage space needed to protect against flood.
- CRC** *CRITICAL RULE CURVE* Is actually a family of one to four curves depending on the length of the critical period. These curves are developed in July of each operating year from historical flows and based on operating under adverse flow conditions.
- ARC** *ASSURED REFILL CURVE* This curve is the elevation that each project can refill if the second lowest historical water year (1931), January thru July run-off should occur.
- VRC** *VARIABLE REFILL CURVE* This curve depicts the reservoir elevation needed to refill with 95 percent assurance based on the current run-off forecast.
- ORC** *OPERATING RULE CURVE*  
 (August thru December) The **ORC** is the higher of the **ARC** or the **CRC** unless the **MRC** is lower, then it controls.  
 (January thru March) The **ORC** method is the same as the August thru December period unless the **VRC** is lower, then it controls. When the **VRC** controls the **ORC** can be higher than the **MRC**. But in no case can the **ORC** be lower than the **LLECC**.  
 (April thru July) The **ORC** method is the same as January thru March period, except without the **LLECC** consideration.
- LLECC** *LOWER LIMITS ENERGY CONTENT CURVE* Protects the ability to meet Firm Load from forecast error.

## TYPICAL STORAGE PROJECT RULE CURVE OPERATION

