

Demand Measure “A”

When May Happen

- EPCOR calls a Demand "A". Regional reservoirs at 65%. Dry weather & drought conditions. Sturgeon Reservoirs below 50%.

Steps

- Identify event, estimate duration of measure, create and implement a plan for restoration of service
- Suspend all Hydrant and Sewer Flushing, street cleaning, park watering, firefighting training and other non-essential use
- Implement Odd/Even Watering
- Notify Council Members

Termination Mechanisms/Actions

- Reservoir storage volumes are above 65% of the total available storage at 7:00 AM and demand forecast
- predicts that the reservoir volumes will be above 90% of the available volumes within the 10 day forecast

Demand Measure “B”

When May Happen

- EPCOR calls a Demand "B". Edmonton Regional Municipalities notification of Condition "B" due to projected usage exceeding high five day consumptions allotment. Regional reservoirs forecasted to be below 50% within the next 5 days. Sturgeon reservoirs to be below 35% within the next five days.

Steps

- Adjust draw rate from Epcor to manage the high five day allotment such that it does not exceed the Regional Customer Group agreed upon rate
- Notify council and Senior Management Team of Demand Management requirements
- Notify the Regional Water Customers Group
- Identify event, estimate duration of measure, create and implement a plan for restoration of service
- Notify County customers through media and roadside signage that water demand is exceeding supply and appeal to public for voluntary ban for residential and commercial customers on all non-essential water use.
- Notify frontline staff, and provide them with copies of media release information and a form to log questions they receive from customers
- Provide signage for commercial and industrial truck fill users and appeal to lower water consumption

- In addition to the actions and authority implemented for Demand Measure A, impose a total ban on lawn watering and non-essential use of water
- Prepare a communications release informing all customers of the measures imposed and have communication release aired on both radio and TV stations
- Notify Alexander First Nations' water operations of the water demand management measure in effect
- Contact commercial/industrial users and appeal to lower water consumption

Termination Mechanisms/Actions

- Reservoir storage volumes are above 65% of the total available storage at 7:00 AM and demand forecast
- predicts that the reservoir volumes will be above 90% of the available volumes within the 10 day forecast

Demand Measure “C”

When May Happen

- EPCOR calls a Demand "C". Edmonton Regional Municipalities notification of condition "C" due to projected usage exceeding high five day consumption allotment. Regional Water Customers Reservoirs are forecasted to be below 35% within the next 5 days. Sturgeon reservoirs forecasted to be below 35% within the next five days.
- In addition to the actions and authority implemented for Demand Measure A & B, invoke a By-law imposing a total ban on all non-essential use of water and update all signage.

Steps

- Notify Council Members
- Prepare a communications release informing all customers of the measures imposed and have communication release aired on both radio and TV stations
- Notify frontline staff, and provide them with copies of media release information and a form to log questions they receive from customers
- Provide information to the public on where approved alternate sources of potable water can be obtained.
- Contact commercial/industrial consumers and request a reduction in water usage by 25% on a day to day basis
- Post notification at truck-fill stations

Termination Mechanisms/Actions

- Reservoir storage volumes are above 65% of the total available storage at 7:00 AM and demand forecast
- predicts that the reservoir volumes will be above 90% of the available volumes within the 10 day forecast