

WHAT WE DO

It All Starts with Water



SOUTH SAN JOAQUIN
IRRIGATION DISTRICT

SSJID provides...



■ IRRIGATION WATER

To help grow crops



■ DOMESTIC WATER

To drink and
use in our homes



■ ELECTRICITY GENERATION

To power our
homes, schools
and businesses

SSJID's water comes from the snow and rain high in the Sierra Nevada Mountains.

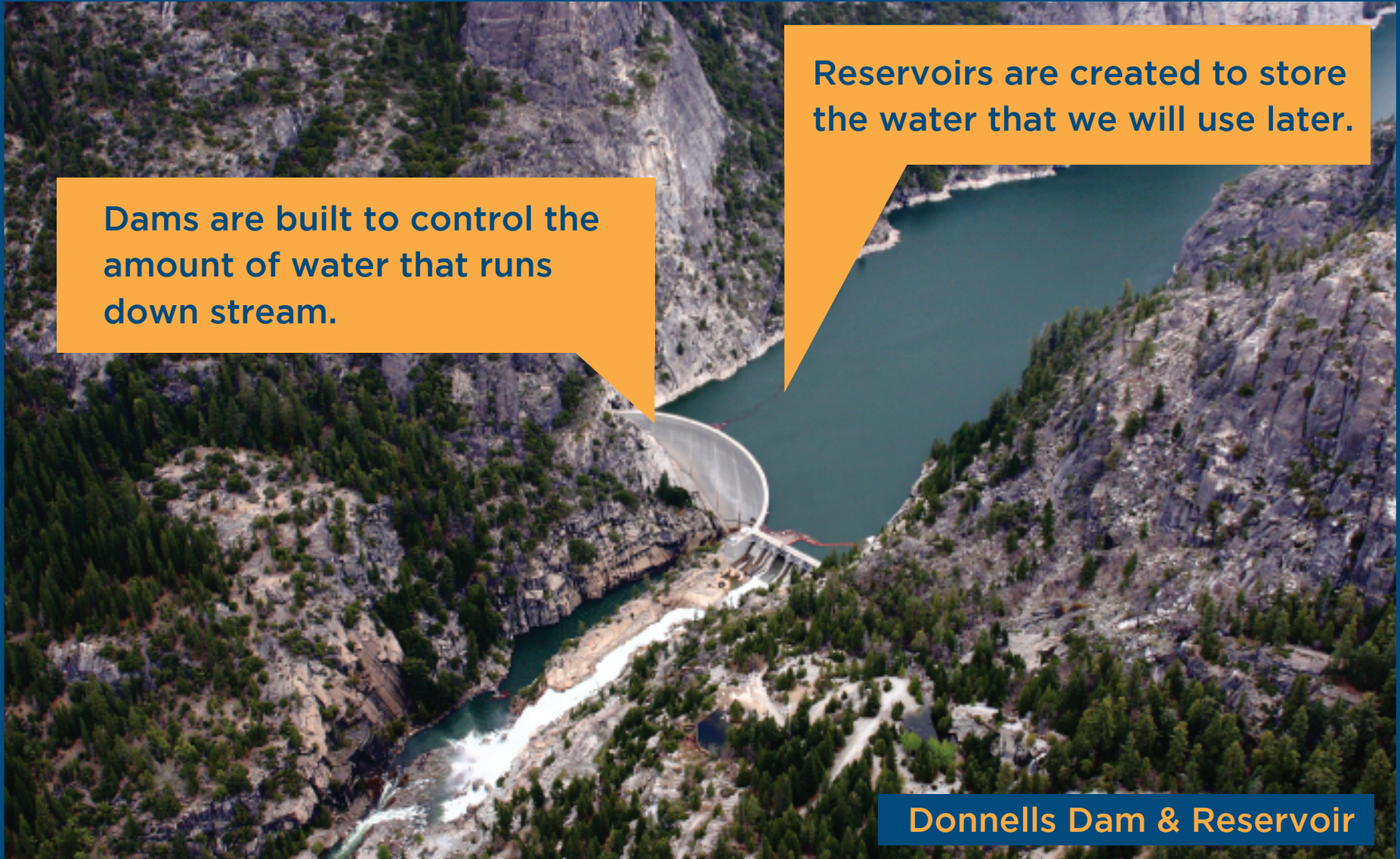


The melting snow enters into the Stanislaus River and flows into the lakes and streams below.

The water is saved and managed by using dams and reservoirs along the river.

Dams are built to control the amount of water that runs down stream.

Reservoirs are created to store the water that we will use later.



Donnells Dam & Reservoir

IRRIGATION WATER

SSJID uses a system of canals to bring the water to farmers in our community. The water travels **300 MILES** to reach their crops!





SSJID maintains and repairs the canals so farmers can get the water they need when they need it.

**Our farmers grow many different crops
for people everywhere.**

Almonds



Walnuts



Pumpkins



Corn



Oats



Grapes



**Pasture land
for animals**



DOMESTIC WATER

Water is also saved to be used in our homes by families like yours.



**Our domestic water is stored in
Woodward Reservoir near Oakdale.**



From there it is piped to a water treatment plant to be tested and processed.



Nick C. DeGroot Water Treatment Plant



SSJID processes over **40 million gallons** of water every day to be sure it is safe for people in our communities to drink and use.



SSJID wants you to be **SAFE** around water

Being safe around water saves lives.
Splasher the Canal Safety Frog ►
wants you to know these 4 important rules.



1

Learn to swim.

4

Stay away from canals.

2

Swim and play in safe places.

3

Always swim with an adult.



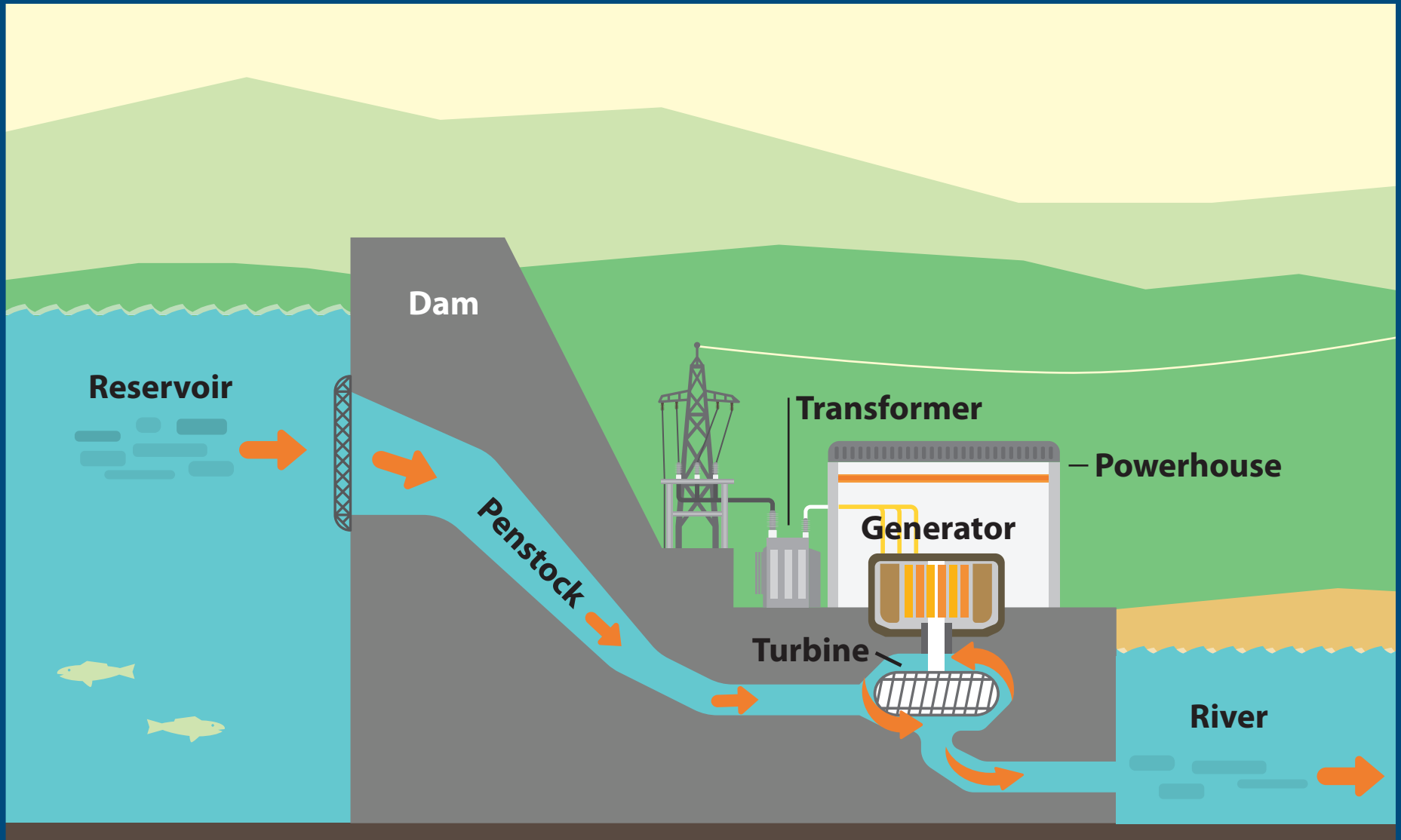
ELECTRICITY GENERATION

SSJID also uses water to produce **ELECTRICITY**
called **HYDROPOWER**.



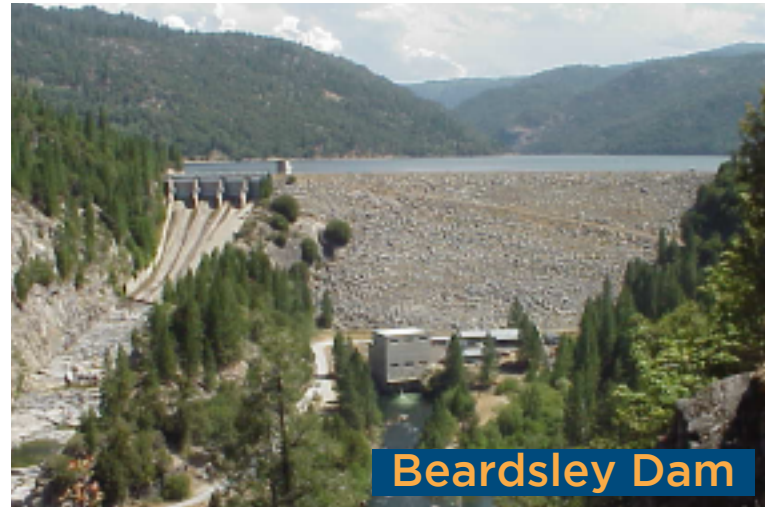
Tulloch Dam & Powerhouse

HYDROPOWER is electricity generated by capturing the energy of moving water.



SSJID is 100% Green - that means...

- We produce clean and sustainable energy at all of our hydroelectric plants.
- Our water treatment plant is powered by clean and sustainable solar energy from the sun.



Beardsley Dam



Robert O. Schulz Solar Farm

SSJID is a public utility - that means...

- SSJID is owned by the people of the district.
- Our Board of Directors are elected by the people.
- We are a not-for-profit utility. Which means the needs of our customers comes first.



www.ssjid.com

