

Springboard into Comprehension

Identifying Detail There's No Time Like the Present

Main Idea Shaping the Earth

Sequencing Dragon's Diary

Compare and Contrast Cricket v Baseball

Fact and Opinion Saving the Reef

Cause and Effect **Two Rivers**

25



for approval for approval for approval

Two Rivers

Written by Pam Rushby

Two Rivers

Contents

Introduction	2
The Hoover Dam	4
How the Hoover Dam Affects the Colorado River	8
The Snowy Mountains Scheme	12
How the Snowy Mountains Scheme Affects the Snowy River.	16
Saving the Rivers	22
Glossary	23
Index	24

Written by Pam Rushby

Introduction

Rivers supply water for people, plants, and animals. People can use rivers to make electricity.

The Colorado River is in the United States. The Snowy River is in Australia. They are two rivers that people use. People built walls that hold back water, or **dams**, on these rivers. As a result, people can collect water and make electricity. These dams also affect the rivers.

The Colorado River is about 2,330 km long.



The Snowy River is about 435 km long.



The Hoover Dam

The Hoover Dam is on the Colorado River. It is between Nevada and Arizona. The dam was finished in 1935. At that time, it was the biggest dam in the world.

Location of the Hoover Dam



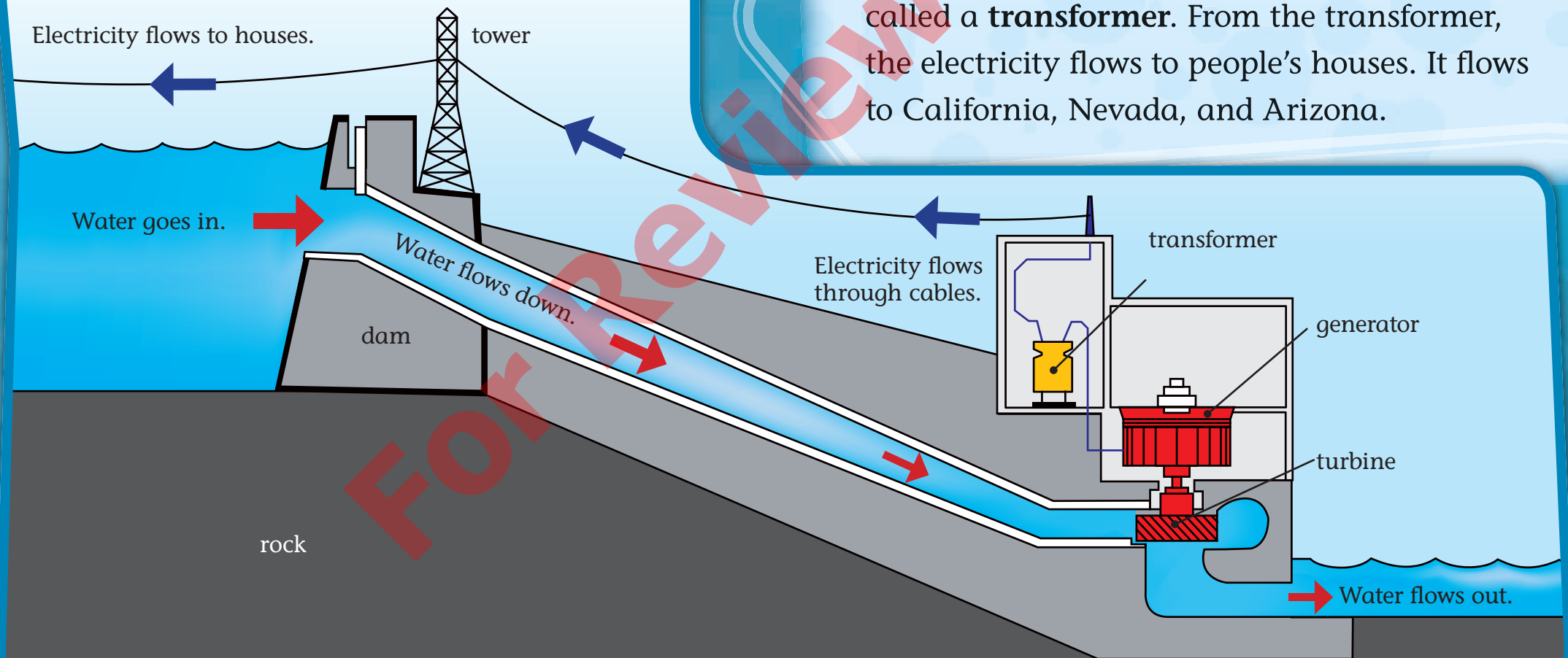
The dam holds back the water of the Colorado River. As a result, the water makes a huge lake. This man-made lake, or **reservoir**, is called Lake Mead. Many people get water from it. Farmers get water from the reservoir. As a result, they have enough for their plants and animals.



The Hoover Dam dams Lake Mead, the largest water reservoir in the United States.

The Hoover Dam uses water to make electrical power. This is called **hydro-electric power** because *hydro* means *water*.

Hydro-Electric Dam and Power Station Diagram



Water from the dam flows down long pipes to the power station. There, the water flows through big machines. The water turns the machines and this makes electricity. The machines are called **turbine generators**. From the turbine generators, the electricity moves to another machine. This machine changes electricity so it can travel long distances. It is called a **transformer**. From the transformer, the electricity flows to people's houses. It flows to California, Nevada, and Arizona.