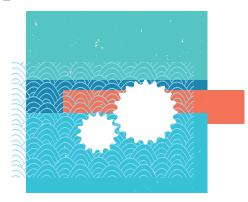
#### **ENERGY IS GOOD FOR TEXAS**

While only a small contributor to Texas' energy portfolio, hydropower plays an important role. Hydropower is a rechargeable and endless cycle of generation in which water flows through turbines to create energy. Hydropower uses existing water supplies like lakes and reservoirs and costs relatively little to produce.

### **Texas Hydropower**

- THE 26 HYDROPOWER PLANTS IN TEXAS HAVE A MAXIMUM COMBINED CAPACITY OF UP TO 481 MILLION MEGAWATT-HOURS (MWH).
- THE STATE'S HYDROPOWER PLANTS SERVE ALMOST 3 MILLION TEXANS.
- DURING TIMES OF ENERGY CRISES, HYDROPOWER PLANTS CAN DIRECT THEIR GENERATED ENERGY TO AREAS OF NEED, SUCH AS THOSE EXPERIENCING OUTAGES OR ROLLING BLACKOUTS.

## Hydro



### **Hydroelectric Power Energy in Texas**

TRADITIONAL HYDROELECTRIC POWER GENERATION JOBS. 2022

2,098

AVERAGE ANNUAL WAGE FOR HYDROELECTRIC POWER GENERATION JOBS, 2022

NEARLY

Outlook

\$172,000

**GROSS DOMESTIC PRODUCT, 2021** 

Federal funding from the United States

Department of Energy has significantly

benefitted hydropower in Texas. In 2017, the Whitney Dam, located in central Texas, received \$2 million in federal funding to

rehabilitate and upgrade its facility. The

most recently constructed hydropower

Hydroelectric Project, opened in 2020.

plant in Texas, the R.C. Thomas

# \$700 MILLION

HYDROPOWER PLANTS IN TEXAS, 2023



ENTERGY SAM RAYBURN **BUCHANAN DAM** TEXAS USCE-FORT WORTH DISTRICT **INKS DAM** WIRTZ DAM (GRANITE SHOALS) LAKE LIVINGSTON . ROBERT D WILLIS STARCKE DAM (MARBLE FALLS) EAST TEXAS ELECTRIC **USCE-FORT WORTH** MANSFIELD DAM (MARSHALL FORD) COOPERATIVE DISTRICT TOM MILLER DAM (AUSTIN) LOWER COLORADO RIVER AUTHORITY

USCE-FORT WORTH DISTRICT

AMISTAD DAM & POWER
INTERNATIONAL BOUNDARY
AND WATER COMMISSION

EAGLE PASS HYDRO MAVERICK CITY WATER CONTROL AND IMPROVEMENT

CANYON
DUNLAP TP 1
ABBOTT TP 3
NOLTE
TP4
H4
H5
GUADALUPE BLANCO
RIVER AUTHORITY

SAFFOLD DAM (SEGUIN)
CITY OF SEGUIN
CITY OF GONZALES HYDRO PLANT
CITY OF GONZALES

RIVER AUTHORITY

While hydropower has a positive impact on Texas' energy portfolio, the future of hydropower is ultimately dependent on the success of Texas' existing and future water supply.

FALCON DAM & POWER
INTERNATIONAL BOUNDARY AND WATER COMMISSION

Glenn Hegar

Texas Comptroller of Public Accounts

Source: National Hydropower Association

TOLEDO BEND