STATE REVOLVING FUND LOAN PROGRAMS

Drinking Water State Revolving Fund

(DWSRF)

Clean Water State Revolving Fund

(CWSRF)

TN Department of Environment & Conservation

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http://tn.gov/environment/topic/wr-srf-state-revolving-fund-program

About the

State Revolving Fund (SRF) Loan Programs

* Funded by federal and state governments
* Capitalized by EPA grants with a 20% state match
* Low interest loans to local governments, cities, counties, utility districts, water/wastewater energy authorities to finance water and wastewater projects

About the SRF Loan Programs cont.

* Loans for planning, design, and construction or planning only or planning and design only or construction only
* Reimbursement program
* Loan repayments are returned to the program and are used to fund future SRF loans.
* Partnerships with Other Funding Sources—Other Federal and State Agencies, CDBG, RUS, ARC, ECD, STAG, etc.

Terms of SRF Loans

* 5 – 20 year terms (DWSRF loans)
* 5 – 30 year terms (CWSRF loans)
* Interest Rates
  - From 0% to market rate

    (The lower the Community on the economic index scale, the lower the interest rate.)

  - Fixed for the life of the loan
* Repay only the actual amount drawn down
* No early repayment penalty

SRF Interest Rates

As a Percentage of Market Rate—3.67% as of November 13, 2017

ATPI		Int. Rate
10%	5 YR	0.12%
	10 YR	0.16%
	15 YR	0.19%
	20 YR	0.21%
	25 YR	0.23%
	30 YR	0.24%
20%	5 YR	0.24%
	10 YR	0.33%
	15 YR	0.38%
	20 YR	0.43%
	25 YR	0.46%
	30 YR	0.48%
30%	5 YR	0.36%
	10 YR	0.49%
	15 YR	0.58%
	20 YR	0.64%
	25 YR	0.70%
	30 YR	0.73%

ATPI		Int. Rate
40%	5 YR	0.48%
	10 YR	0.66%
	15 YR	0.77%
	20 YR	0.86%
	25 YR	0.93%
	30 YR	0.97%
50%	5 YR	0.60%
	10 YR	0.82%
	15 YR	0.96%
	20 YR	1.07%
	25 YR	1.16%
	30 YR	1.21%
60%	5 YR	0.71%
	10 YR	0.98%
	15 YR	1.15%
	20 YR	1.28%
	25 YR	1.39%
	30 YR	1.45%

ATPI		Int. Rate
70%	5 YR	0.83%
	10 YR	1.15%
	15 YR	1.34%
	20 YR	1.50%
	25 YR	1.62%
	30 YR	1.69%
80%	5 YR	0.95%
	10 YR	1.31%
	15 YR	1.54%
	20 YR	1.71%
	25 YR	1.86%
	30 YR	1.94%
90%	5 YR	1.07%
	10 YR	1.48%
	15 YR	1.73%
	20 YR	1.93%
	25 YR	2.09%
	30 YR	2.18%
100%	5 YR	1.19%
	10 YR	1.64%
	15 YR	1.92%
	20 YR	2.14%
	25 YR	2.32%
	30 YR	2.42%

SRF INTEREST RATES cont.

For FY 2017, there will be an additional **0.25% rate reduction** from the rates given in the interest rate table at the time of the loan application.

Ability To Pay Index (ATPI)

Saving money with SRF Loans

City / County	ATPI	Interest Rate	w/25% Rate Reduction
TIPTONVILLE	**0%**	**0% - Fixed for 20 years**	**0% - Fixed for 20 years**
COWAN	**10%**	**0.21% - Fixed for 20 years**	**0% - Fixed for 20 years**
GREENFIELD	**20%**	**0.43% - Fixed for 20 years**	**0.18% - Fixed for 20 years**
HENDERSON COUNTY	**30%**	**0.64% - Fixed for 20 years**	**0.39% - Fixed for 20 years**
HOHENWALD	**40%**	**0.86% - Fixed for 20 years**	**0.61% - Fixed for 20 years**
MEMPHIS	**50%**	**1.07% - Fixed for 20 years**	**0.82% - Fixed for 20 years**
MANCHESTER	**60%**	**1.28% - Fixed for 20 years**	**1.03% - Fixed for 20 years**
FRANKLIN	**70%**	**1.50% - Fixed for 20 years**	**1.25% - Fixed for 20 years**
JOHNSON CITY	**80%**	**1.71% - Fixed for 20 years**	**1.46% - Fixed for 20 years**
ALCOA	**90%**	**1.93% - Fixed for 20 years**	**1.68% - Fixed for 20 years**
GATLINBURG	**100%**	**2.14% - Fixed for 20 years**	**1.89% - Fixed for 20 years**

Drinking Water State Revolving Fund (DWSRF) Loan Program

* Tennessee's DWSRF program has awarded an average of **$20 M** annually over the last 5 years to bring water systems into compliance with the Safe Drinking Water Act and new regulations.
* From 1996 to date, the DWSRF Program has funded low-interest loans totaling over **$267 M.**

Eligible DWSRF Projects

- Water Treatment Plants (Upgrades, Expansion, or New)
- Transmission Lines and Distribution System (Rehabilitation, Replacement, Extension)
- Source Water/Well Development
- Storage Tanks
- New Water Systems
- Pressure Problems
- Capacity
- Water Loss
- Water Meter Replacements

DWSRF Construction Project Pictures

Watauga River Regional Water Authority new 2MGD WTP

Elizabethton Waterline Extension

Some DWSRF Loan Recipients

* 25 UD
* Athens
* Big Creek UD
* Bloomingdale UD
* Clarksville
* Cleveland
* Collinwood
* Crossville
* Cordell Hull UD
* Cumberland UD
* Dekalb UD
* Dickson
* Dyersburg
* Elizabethton
* Giles County
* Halls
* Hallsdale-Powell UD
* Harriman
* Jellico
* Jefferson City
* Kingsport
* LaFollette
* LaGuardo UD
* Lebanon
* Lenoir City UB
* Livingston
* Loudon
* Lynchburg/ Moore County
* Maynardville
* McMinnville
* Morristown
* Moshiem
* Mount Pleasant
* Newport
* Popular Grove UD
* Reelfoot UD
* Ridgely
* Rogersville
* Troy
* Union Fork/Bakewell UD
* Watauga River Regional Water Authority
* Watts Bar UD
* West Overton UD
* White House

Tennessee's Largest Water Quality Financing Source

Clean Water State Revolving Fund (CWSRF) Loan Program

* Tennessee's CWSRF program has awarded an average of **$87 M** annually in the last 5 years to construct wastewater facilities that are required to protect water quality and/or public health.
* From 1987 to date, Tennessee's CWSRF has funded low-interest loans totaling over **$1.7B.**

Eligible CWSRF Projects

Section 212 Projects

* Wastewater Treatment Plants
* Infiltration/inflow correction
* Rehabilitation and/or replacement of sewer lines, manholes, etc.
* New collector and interceptor sewers
* Combined sewer overflow correction
* Storm water and sewer construction
* Conveyance of recycled water from wastewater facility to end user
* Decentralized wastewater treatment systems

- **Section 319 Projects**
- Nonpoint source pollution control

- **GREEN Projects**
- GREEN INFRASTRUCTURE-Storm water management, reduction, recapture, or treatment
- WATER CONSERVATION, EFFICIENCY, AND REUSE-Re-purified water lines (water re-use), Water Meter Replacements, Water Audits and Conservation Plans
- ENERGY INITIATIVES AND EFFICIENCY-Pump station rehab utilizing VFDs, Solar mixers at WWTPs, Energy efficient lighting, HVAC, process equipment, or electronic equipment and systems, Energy Audits
- ENVIRONMENTALLY INNOVATIVE – Composting sludge, New Decentralized Solutions

SRF Construction Project Pictures

Chattanooga East Brainerd Collection System Rehabilitation - Before

Chattanooga East Brainerd Collection System Rehabilitation - After

SRF funded Collection System Rehabilitation projects

SRF funded Collection System Rehabilitation projects

SRF Construction Project Pictures

Morristown Whitt PS Improvements

Oak Ridge EQ Basin

SRF Construction Project Pictures

Chattanooga Disinfection System Upgrade

Lenoir City WWTP Expansion

Some CWSRF Loan Recipients

* Alcoa
* Anderson County UD
* Athens
* Atoka
* Bell Buckle
* Blaine
* Bolivar
* Camden
* Carthage
* Centerville
* Chattanooga
* Clarksburg
* Cleveland
* Collegedale
* Cookeville
* Cowan
* Crossville
* Elizabethton
* Erwin
* Etowah
* Franklin
* Fayetteville
* Gordonsville
* Hallsdale-Powell UD
* Hamilton Co. WWTA
* Harriman
* Harrogate
* Hohenwald
* Jackson
* Jellico
* Kingsport
* Lawrenceburg
* Lebanon
* Lenoir City
* Lewisburg
* McKenzie
* McMinnville
* Memphis
* Millington
* Morristown
* Murfreesboro
* Nashville
* Newport
* Oak Ridge
* Oakland
* Oliver Springs
* Pegram
* Ripley
* Roane County
* Shelbyville
* Smyrna
* Spring Hill
* Springfield
* Sweetwater
* Tullahoma
* Union City
* White House

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SRFLP Contact information can be found at :

http://tn.gov/environment/article/wr-srf-loan-program-contacts

Questions?

http://tn.gov/environment/topic/wr-srf-state-revolving-fund-program

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