



# SUVPS

Southern Utah Valley Power Systems is a interlocal entity create by.

- Payson City
- Salem City
- Spanish Fork City
- Springville City
- Southern Utah Valley Electric Service District (SUVESD)

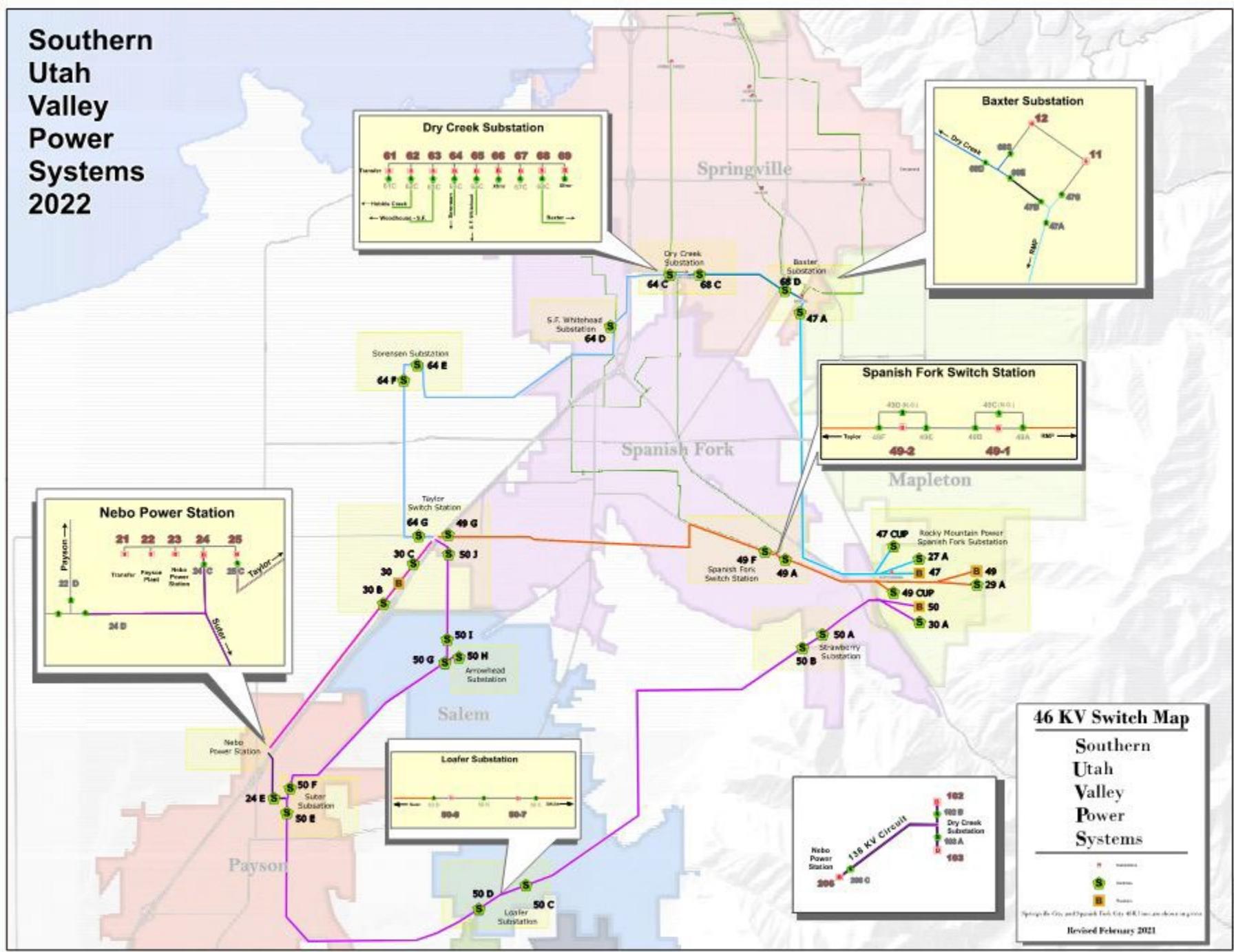
Together we provide electric transmission service to the members, each of which operates its own retail electric system.



# SUVPS

- SUVPS does not sell power. SUVPS just moves power to the cities own substations and 46KV systems.
- SUVPS owns 6 substation transformer
- 3 @ RMP Spanish fork Substation
- 2 @ Dry Creek Substation
- 1@ Nebo Power Substation

# Southern Utah Valley Power Systems 2022





# SUVPS

- Previously, Transformation projects were funded on a as needed basis. You could or could not participate depending on your anticipated needs for Transformation capacity.
- This has created an unbalance in transformation capacity among members with some members having excess capacity and some reaching negative or near negative capacity.
- In the future, SUVPS projects will be paid for based off of a percentage of peak demand usage.
- The Dry Creek Substation additional transformer project, will be used to true up member capacity.
- The bylaws and organization agreement were revised to reflect the change from project based to percentage of peak demand usage.



# SUVPS

## SUVPS 2023 PEAK kW and MEMBER kW AT SUVPS PEAK

Date	Time	SUVPS PEAK kW		INTERNAL GENERATION kW At SUVPS Peak kW			MEMBER kW At SUVPS Peak (with generation)							
		W/ Generation	W/O Generation	Payson	Spanish Fork	Springville	Payson	Salem	SESD	Spanish Fork	Springville			
7/17/2023	16 hr.	214,296	191,888	6,991	4,556	10,861	33,462	15,008	17,372	78,319	70,135			
Member Percent Usage At SUVPS Peak										15.6149%	7.0034%	8.1065%	36.5471%	32.7281%

Table 1

## MEMBER 2023 PEAK kW

Member	Peak kW		
	kW	Date	Time
Payson	34,055	8/16/2023	19 hr.
Salem	15,655	7/22/2023	17 hr.
SESD	18,629	7/22/2023	18 hr.
Spanish Fork	78,659	7/17/2023	16 hr.
Springville	70,135	7/17/2023	16 hr.

Table 2



# SUVPS

## SUVPS MEMBER SUMMARY YEAR 2022 To 2023

Year 2022		SUVPS PEAK kW	MEMBER kW At SUVPS Peak (with Generation)					MEMBER Percent Usage At SUVPS Peak				
Date	Time	W/ Generation	Payson	Salem	SESD	Spanish Fork	Springville	Payson	Salem	SESD	Spanish Fork	Springville
9/7/2022	17 hr.	210,700	33,355	15,099	16,994	76,334	68,918	15.8306%	7.1661%	8.0655%	36.2288%	32.7091%

Table 3

Year 2023		SUVPS PEAK kW	MEMBER kW At SUVPS Peak (with Generation)					MEMBER Percent Usage At SUVPS Peak				
Date	Time	W/ Generation	Payson	Salem	SESD	Spanish Fork	Springville	Payson	Salem	SESD	Spanish Fork	Springville
7/17/2023	16 hr.	214,296	33,462	15,008	17,372	78,319	70,135	15.6149%	7.0034%	8.1065%	36.5471%	32.7281%
<b>Actual kW Growth</b>												
<b>2022 to 2023</b>		3,596	107	-91	378	1,985	1,217	-0.2157%	-0.1627%	0.0410%	0.3184%	0.0190%
<b>Projected kW Growth</b>												
<b>2022 to 2023</b>		13,945	1,667	1,208	680	7,633	2,756	15.5899%	7.2590%	7.8675%	37.3776%	31.9055%

Table 4

### Projected Change 2023 to 2024

	Payson	Salem	SESD	Spanish Fork	Springville	SUVPS
<b>Projected Increase In Percentage</b>	5%	10%	6%	10%	5%	7.25%
<b>Projected Peak Load In kW</b>	35,135	16,509	18,414	86,151	73,642	229,851
<b>Projected Member Percent Usage at SUVPS Peak</b>	15.2860%	7.1824%	8.0114%	37.4812%	32.0389%	

Table 5