

ARTHUR ENGINEERING, INC.



Winery Projects

*Consulting Electrical
and Control Systems
Engineers*



Arthur Engineering, Inc. (AEI) has over 50 years of experience providing electrical and control systems design for wineries. We have a reputation for personalized attention to the individual needs of every winery project, which has resulted in long-term relationships throughout the industry. Some of the services we can offer at your Winery facility include:

- Main service design and utility coordination
- Medium and low voltage power distribution systems design
- Refrigeration/cooling power distribution and control systems design
- Custom motor and pump control design
- Well and wastewater pumping power and control systems design
- PLC control system design for crushing, pressing, filtering, pump-over and bottling operations
- Web based HMI and SCADA system solutions design
- Tank lighting and temperature control systems design
- Office and warehouse lighting and power distribution design
- Load flow, coordination, and short circuit studies
- Future planning for electrical power and control systems
- Energy-efficient lighting design and Title 24 Compliance
- Standby electrical power generation system design
- Solar power supplementation and distributed generation interconnection design

**ARTHUR
ENGINEERING, INC.**

9370 Studio Court, Suite 140
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ARTHUR ENGINEERING, INC.


WINERY SERVICES MATRIX

PLANNING PHASE			DESIGN PHASE							CONSTRUCTION PHASE		 <i>Consulting Electrical and Control Systems Engineers</i> 9370 Studio Court, Suite 140 Elk Grove, CA 95758 Phone: 916-394-0864 www.arthurengineering.com	
Electrical Planning	Feasibility Study	Facility Documentation/ Code Compliance Studies	Substation\Medium Voltage	Service Design	Power Distribution	Lighting Design	Wastewater Controls	Process Controls	Bottling Line Controls	Backup Generation	Construction Observation		Startup Assistance
◆				◆	◆	◆		◆			◆	◆	Arrowood Winery
◆	◆		◆	◆	◆						◆		Asti Winery
◆	◆	◆		◆	◆	◆	◆	◆		◆	◆	◆	Barrel Ten Quarter Circle
◆					◆	◆		◆			◆	◆	Beaulieu Vineyards
◆	◆												Bogle Vineyards
◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	Bronco Wine Company
◆					◆	◆	◆	◆			◆	◆	Cakebread Cellars
◆	◆												Carmenet Vineyard
◆	◆				◆	◆	◆	◆	◆	◆	◆	◆	Cellar 360 (Meridian Vineyards)
◆						◆	◆	◆					Central Coast Wine Warehouse
◆	◆				◆	◆	◆	◆				◆	Charles Krug Winery
◆					◆	◆	◆	◆					Chateau De Baun Winery
◆					◆	◆	◆						Chateau St. Jean Winery
◆					◆	◆	◆		◆				Clarksburg/Old Sugar Mill Winery
						◆		◆					Clos Pegase Winery
◆	◆	◆		◆	◆	◆				◆			Constellation Brands, Inc.
◆	◆	◆			◆	◆	◆	◆			◆	◆	Cottonwood Creek Cellars
					◆	◆		◆				◆	Culinary Institute of America
◆		◆		◆	◆	◆	◆				◆	◆	Delicato Family Vineyards
◆					◆	◆	◆	◆			◆	◆	Domaine Laurier Winery

S=Study

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◆				◆	◆	◆	◆	◆		◆	◆	◆	Domaine Mumm Sparkling Wine
◆					◆	◆	◆	◆	◆	S	◆	◆	Domaine Napa Winery
◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆		E. & J. Gallo Winery
◆					◆	◆	◆				◆		Eisele Estate Winery
◆	◆	◆	◆							S			Far Niente Winery
◆					◆	◆	◆	◆	◆	◆	◆	◆	Fetzer Vineyards
◆	◆				◆	◆	◆						Fisher Vineyards
					◆	◆	◆			S	◆		Flowers Winery
◆	◆			◆	◆	◆	◆		◆	◆		◆	Franzia Winery
◆					◆	◆	◆				◆		Girard Winery
◆	◆	◆	◆	◆	◆	◆	◆				◆		Golden State Vintners
		◆			◆	◆	◆				◆		Guild Winery (Bear Creek Winery)
◆		◆			◆	◆	◆			◆	◆	◆	Hacienda Wine Company
◆		◆			◆	◆	◆		◆		◆	◆	Hess Collection Winery
◆		◆				◆	◆		◆		◆	◆	Heublein Wines (Mont La Salle)
◆		◆				◆	◆			◆	◆		Inglenook Vineyards
◆					◆	◆	◆	◆			◆		Jarvis Vineyards
◆					◆	◆					◆		Jordan Vineyard & Winery
		◆			◆	◆	◆						Kendall Jackson Winery (Tepusquet Vineyard)
◆		◆			◆	◆	◆	◆		S	◆	◆	Kistler Vineyards
		◆								S			La Jota Vineyards

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◆	◆					◆	◆	◆		S	◆	◆	Markham Vineyards
◆				◆	◆	◆					◆		McConnell Estates Winery
◆	◆	◆	◆	◆	◆	◆		◆		◆	◆	◆	Mission Bell Winery (Constellation Brands)
◆				◆	◆	◆	◆	◆			◆		Montevina Winery
◆	◆	◆			◆	◆	◆	◆		S	◆	◆	Robert Mondavi Winery – Oakville
◆		◆			◆	◆				◆	◆	◆	Nickel & Nickel Vineyards
◆		◆			◆	◆		◆			◆	◆	Oak Ridge Winery
◆	◆				◆	◆	◆	◆			◆		Olney Winery
							◆				◆	◆	Opus One Winery
◆	◆												O'Neill Vintners & Distillers
◆				◆	◆	◆	◆	◆			◆	◆	Pacific Oasis Winery
◆				◆	◆	◆					◆		Paul Masson (The Wine Group)
					◆	◆	◆				◆		Pesenti Winery
						◆							Piper Sonoma Cellars
◆					◆	◆				◆			Regusci Winery
◆					◆	◆				S			Rudd Estates Winery
◆						◆	◆			S	◆		Rutherford Hills Winery
◆	◆				◆	◆	◆			◆			Sam Jasper Winery
◆					◆	◆	◆	◆			◆	◆	Sanford Winery
							◆				◆	◆	Schafer Vineyards
							◆				◆	◆	Schramsberg Vineyards

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◆		◆		◆	◆								Scribe Winery
◆			◆	◆	◆	◆		◆			◆	◆	Sebastiani Vineyards
	◆									◆			Silver Oak Cellars
◆					◆	◆	◆	◆			◆	◆	Silverado Vineyards
◆	◆												Smith & Hook Winery
◆	◆			◆	◆	◆	◆	◆				◆	Stags' Leap Winery
◆		◆		◆	◆	◆		◆					Sterling Vineyards
◆	◆	◆		◆	◆	◆	◆	◆		S	◆	◆	Sutter Home Winery – Lodi
◆	◆				◆	◆	◆				S	◆	Sutter Home Winery – St. Helena
◆				◆	◆	◆		◆					Texas Winery Products (Teysha Cellars)
◆		◆							◆		◆	◆	Treasury Wine Estates
◆			◆	◆	◆	◆					◆		Trinchero Central Coast
◆	◆			◆	◆	◆		◆			◆		UDV North America – Blossom Hill Winery
◆	◆												Vintage Lane Winery
◆	◆				◆	◆							Wente Vineyards
◆		◆			◆	◆		◆				◆	West Coast Grape Farming
								◆				◆	William Hill Winery
◆		◆			◆	◆					◆	◆	The Wine Group
◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	Woodbridge Winery
◆					◆	◆	◆				S	◆	ZD Wines
◆		◆			◆	◆	◆					◆	Zinc House Winery

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