## **Cost Benefit Analysis : Food/Beverage Drying**

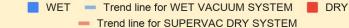


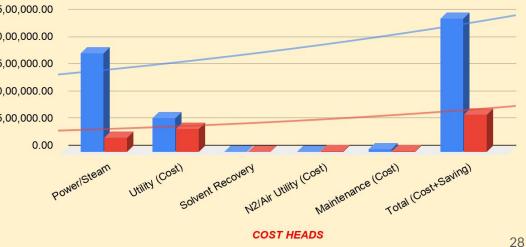
					) Pumping ) Vacuum ) Vacuum S
SI. N	Description	WET	DRY		Opera
1	Power/Steam (Cost)	45,00,000.00	7,94,325.00		WET - Tr
2	Utility (Cost)	27,28,200.00	20,18,000.00		- Trei
3	Solvent Recovery (Saving)	0.00	0.00	1,25,00,000.00 1,00,00,000.00	
4	N2/Air Utility (Cost)	0.00	3,000.00		-
5	Maintenance (Cost)	1,70,000.00	70,000.00	75,00,000.00	
6	Total (Cost+Saving)	73,98,200.00	28,85,325.00	50,00,000.00 —	
Total Direct Saving (Wet - Dry)			45,12,875.00	25,00,000.00 —	
% Utility Cost Spend (DRY to WET)			39.00%	0.00 —	
%	Saving Utility Cost Spen	d (DRY to WET)	61.00%		-0
				.ISte	an' (Cos

## ef:

: Glycerine Recovery : Extraction/ Distillation S : 18000 m3/hr. ۱g : 2 TORR. n m System : SUPER VAC (18000.5250.800) : 4 Stage Ejector with Intermediate condenser vstem

## rational Cost Comparison





## Other Benefits:

- Cycle Time Reduction.
- Product Yield/Recovery Improvement.
- Product Quality Improvement.