Your Company Name/Logo

Project Title:	Sample Project				
Project ID:	30206	**Prepared By:**	W.T	**Sheet:**	1 of 1
Project Manger:	T.M.	**Checked By:**	D.W.	**Date:**	1/1/2017

MOTOR OPERATING COST - STANDARD, EPACT, PREMIUM vs. PROPOSED

Notes:

One 200 HP motor

Annual Operating Hours		
Operating Hours per Day	24	hrs/day
Operating Day per Week	6	days/week
Operating Weeks per Year	50	weeks/yr
Operating Hours per Year	7,200	hrs/yr

	Motor Efficiency Comparison					
	Standard	**EPACT**	**Premium**	**Proposed**		**Remarks**
Motor HP	200	200	200	200	HP	
Load Factor	0.85	0.85	0.85	0.85	%	
Energy Cost Rate	$0.15	$0.15	$0.15	$0.15	$/kWh	
Motor Efficiency	83%	86%	88%	91%	Eff.	
Annual Operating Hours (above)	7,200	7,200	7,200	7,200	hours	
Energy Cost per Year =	**$165,019**	**$159,262**	**$155,643**	**$150,512**	**year**	
Annual Energy Savings from Proposed =	$14,507	$8,751	$5,131			

Notes:

1. Motor Efficiency: Standard = 83%; EPACT = 86%; Premium = 88%

kW = HP x 0.746 kW/HP

REMARKS:

Your Notes Here.