

B2FGE - Alternatives Evaluation Matrix

Alternative	Biological Benefits		Total Biological Benefit (un-weighted)		Construction Costs	Construction Time	O & M Cost	Reliability	Impacts to Power Revenue	Environmental Factors	Comments	Total Weighted Score
	a. Overall FGE	b. OPE										
weighting (out of 10 total)	3	4			0.7	0.5	0.5	0.5	0.5	0.3		10
	BASELINE											
Baseline Condition	3	1	4.0		4	4	4	3	4	4		24.5
	Flow Control Alternatives											
1. A1 - Flow Control Device, Adj. Louvers	1.5	3	4.5		2	2	3	3	4	4		25.1
2. A2 - Flow Control Device, Sliding Plate	1.5	3	4.5		3	2	3	3	4	4		25.8
3. A3 - Modify Vertical Barrier Screen Plates	1.5	3	4.5		2	3	3	2	4	4		25.1
4. A4 - Modify Turning Vane and/or Gap Device	1.5	3	4.5		2	2	4	3	4	4		25.6
	Operational Alternatives											
5. B1 - Oper. Main Unit Off 1% Peak	2	3	5.0		4	4	4	4	1	2		27.9
6. B2 - Open Second DSM Orifice	3	4	7.0		3	3	3	2	4	4		34.3
7. B3 - Horizontal Slot	3	4	7.0		1	1	2	1	4	4		30.9
	Flow Pattern Change Alternative											
8. C - Gateslot Fillers	3	3.5	6.5		3	2	2	3	4	4		31.8

General Scoring

Poor = 1
 Fair = 2
 Good = 3
 Excellent = 4

Cost Scoring

High = 0
 Med-high = 1
 Medium = 2
 Low-medium = 3
 Low = 4