

BEP Comparison: All Methods
(Best method highlighted in green)

| Method | Discharge (m ³ /s) | Head (m) | Efficiency | Q Error | H Error | Eff Error |
|--------------|-------------------------------|----------|------------|---------|---------|-----------|
| Ground Truth | 0.8185 | 16.00 | 0.6973 | - | - | - |
| Bayesian | 0.8185 | 16.00 | 0.6973 | 0.0000 | 0.00 | 0.0000 |
| Random | 0.8185 | 16.00 | 0.6973 | 0.0000 | 0.00 | 0.0000 |
| Grid | 0.8234 | 18.00 | 0.6827 | 0.0049 | 2.00 | 0.0146 |
| LHS | 0.8109 | 17.00 | 0.6889 | 0.0076 | 1.00 | 0.0084 |