Summary Comparison of Transmission Benefit

| | | Illustrative with Degradation | | |
|--------|-----------|-------------------------------|-------------------|--|
| \$000 | GMP Model | 4.0 Hour Duration | 2.5 Hour Duration | |
| Oct-18 | 63.4 | 43.2 | 63.4 | |
| Oct-23 | 77.2 | 45.7 | 73.0 | |

GMP Model of Oct-2018 Transmission Benefit

| Α | В | С | | | |
|------------------------|-------------------|-------------------------------|--------------------------|-------------------------|------------------------------|
| Physical Effectiveness | Forecast Accuracy | Communication Availability | | | |
| % | % | % | | | |
| 99 | 70 | 90 | _ | | |
| D | E | F | G | H = A x B x C | I = D x E x F x G x H / 1000 |
| Capacity | Units | Avoided Losses | Transmission Rate | Reduction Factor | Transmission Benefit |
| kW / unit | # | % | \$ / kW-Mo. | % | \$000 |
| 5 | 2000 | 1.089 | 9.33 | 62.37 | 63.4 |

GMP Model of Oct-2023 Transmission Benefit

| Α | В | С | | | |
|------------------------|-------------------|-------------------------------|--------------------------|-------------------------|------------------------------|
| Physical Effectiveness | Forecast Accuracy | Communication Availability | | | |
| % | % | % | | | |
| 98 | 70 | 90 | | | |
| D | E | F | G | H = A x B x C | I = D x E x F x G x H / 1000 |
| Capacity | Units | Avoided Losses | Transmission Rate | Reduction Factor | Transmission Benefit |
| kW / unit | # | % | \$ / kW-Mo. | % | \$000 |
| 5 | 2000 | 1.089 | 11.48 | 61.74 | 77.2 |

Impact of Longer Duration Dispatch in Year 1

| Α | В | C = B / A | D | E = C / D |
|--------------------------|------------------|--------------------|----------------|-----------------------------------|
| Required Duration | Available Energy | Sustainable Output | Maximum Output | Revised Physical Effectiveness |
| Hours | kWh | kW | kW | % |
| 4 | 13.5 | 3.38 | 5 | 67.5 |

Illustrative Oct-2018 Transmission Benefit

| Α | В | С | | | |
|------------------------|-------------------|-------------------------------|-------------------|-------------------------|------------------------------|
| Physical Effectiveness | Forecast Accuracy | Communication Availability | | | |
| % | % | % | | | |
| 67.5 | 70 | 90 | _ | | |
| D | E | F | G | H = A x B x C | I = D x E x F x G x H / 1000 |
| Capacity | Units | Avoided Losses | Transmission Rate | Reduction Factor | Transmission Benefit |
| kW / unit | # | % | \$ / kW-Mo. | % | \$000 |
| 5 | 2000 | 1.089 | 9.33 | 42.53 | 43.2 |

Estimated Available Energy in Year 5

| Α | В | С | $D=B\times(1-A)^D$ |
|--------------------|-----------------|-------|--------------------|
| Annual Degradation | Starting Energy | Years | Energy in Year 5 |
| % | kWh | # | kWh |
| 3 | 13.5 | 5 | 11.59 |

Impact of Longer Duration Dispatch in Year 5

| Α | В | C = B / A | D | E = C / D |
|--------------------------|------------------|--------------------|----------------|-----------------------------------|
| Required Duration | Available Energy | Sustainable Output | Maximum Output | Revised Physical Effectiveness |
| Hours | kWh | kW | kW | % |
| 4 | 11.59 | 2.90 | 5 | 57.96 |

Illustrative Oct-2023 Transmission Benefit

| Α | В | С | | | |
|------------------------|-------------------|-------------------------------|-------------------|-------------------------|------------------------------|
| Physical Effectiveness | Forecast Accuracy | Communication Availability | | | |
| % | % | % | | | |
| 57.96 | 70 | 90 | _ | | |
| D | E | F | G | H = A x B x C | I = D x E x F x G x H / 1000 |
| Capacity | Units | Avoided Losses | Transmission Rate | Reduction Factor | Transmission Benefit |
| kW / unit | # | % | \$ / kW-Mo. | % | \$000 |
| 5 | 2000 | 1.089 | 11.48 | 36.52 | 45.7 |

Estimated Available Energy in Year 5

| Α | В | С | $D=B\times(1-A)^D$ |
|--------------------|-----------------|-------|--------------------|
| Annual Degradation | Starting Energy | Years | Energy in Year 5 |
| % | kWh | # | kWh |
| 3 | 13.5 | 5 | 11.59 |

Impact of Shorter Duration Dispatch in Year 5

| Α | В | C = B / A | D | E = C / D |
|--------------------------|------------------|--------------------|----------------|-----------------------------------|
| Required Duration | Available Energy | Sustainable Output | Maximum Output | Revised Physical Effectiveness |
| Hours | kWh | kW | kW | % |
| 2.5 | 11.59 | 4.64 | 5 | 92.74 |

Illustrative Oct-2023 Transmission Benefit

| А | В | С | | | |
|------------------------|-------------------|-------------------------------|--------------------------|-------------------------|------------------------------|
| Physical Effectiveness | Forecast Accuracy | Communication Availability | | | |
| % | % | % | | | |
| 92.74 | 70 | 90 | - | | |
| D | E | F | G | H = A x B x C | I = D x E x F x G x H / 1000 |
| Capacity | Units | Avoided Losses | Transmission Rate | Reduction Factor | Transmission Benefit |
| kW / unit | # | % | \$ / kW-Mo. | % | \$000 |
| 5 | 2000 | 1.089 | 11.48 | 58.43 | 73.0 |