Integrated Family of Companies with a Global Footprint

- USA
  - HQ
  - Systems Engineering
  - Cell & Pack Manufacturing
  - Indianapolis, IN

- Russia
  - Sales Office
  - St. Petersburg

- South Korea
  - EnerTech International
  - Cell manufacturing
  - R&D

- 350 employees worldwide
- More than 11 nationalities

[Link to EnerDel VIDEO]

Delivering Clean Energy Systems that change the world
Cell Technical Road-Map

Energy Density

Energy Density

<table>
<thead>
<tr>
<th>Year</th>
<th>Model</th>
<th>Ah</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>CE175-360</td>
<td>17.5</td>
</tr>
<tr>
<td>2018</td>
<td>CE250-370</td>
<td>25</td>
</tr>
<tr>
<td>2019</td>
<td>CE280-370</td>
<td>28</td>
</tr>
<tr>
<td>2020</td>
<td>CE300-375</td>
<td>30</td>
</tr>
</tbody>
</table>

Energy Density

> 35%
> 50%
> 60%
EnerDel Vigor+ Packs for Hybrid Buses

PP320-738LP Vigor+ Packs
• Diesel Electric Hybrid Bus
• ~1500 packs installed since 2015
• >85 million miles of in service operation
• >20 municipalities in North America

~1500 packs installed and in operation in North America today
HEAVY DUTY TRANSIT
POWERED BY ENERDEL

FLEXIBLE
HIGHLY CONFIGURABLE PACK SOLUTIONS WITH ACTIVE AIR OR LIQUID COOLING THERMAL MANAGEMENT OFFERINGS

SAFE
VIGOR SERIES PACK SOLUTIONS ARE DESIGNED WITH SYSTEM LEVEL REDUNDENCIES, MSDS AND AUTOMOTIVE STANDARDS DESIGNED USING ENERDEL'S BMS WHICH PROVIDES CONTROL, BALANCE, AND MANAGEMENT OF THE SYSTEM

SCALABLE
THE SCALABLE DESIGN ALLOWS MULTIPLE PACKS TO BE CONNECTED IN PARALLEL TO CREATE > 220 kWh OF ENERGY

Product Specifications:

<table>
<thead>
<tr>
<th>Cell Configuration</th>
<th>Cells per pack</th>
<th>Max Voltage</th>
<th>Min Voltage</th>
<th>Rated Capacity</th>
<th>Rated Energy</th>
</tr>
</thead>
<tbody>
<tr>
<td>168s2p</td>
<td>336</td>
<td>705V</td>
<td>504V</td>
<td>50Ah</td>
<td>31.1 kWh</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cont. Discharge</th>
<th>100A@100-20% SOC</th>
<th>Cont. Discharge</th>
<th>150A (10 seconds)</th>
<th>Peak Charge Power</th>
<th>67kW@80% SOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cont. Discharge</td>
<td>100A</td>
<td>150A</td>
<td>100kW (10 seconds)</td>
<td>167kW (10 seconds)</td>
<td></td>
</tr>
<tr>
<td>Peak Charge Power</td>
<td>67kW</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liquid Cooled or Forced Air</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
FLEXIBLE
UNIVERSAL COMMUNICATION ALLOWS FOR PACK INTEGRATION WITH A WIDE RANGE OF DISTRIBUTION EQUIPMENT

SAFE
THE UNIVERSAL DEPLOYABLE BATTERY PACK IS NAVSEA CERTIFIED MIL AIR TRANSPORT APPROVED AND IS DESIGNED USING ENERDEL’S BMS WHICH PROVIDES CONTROL, BALANCE, AND MANAGEMENT OF THE SYSTEM

RUGGED
THE RUGGED DESIGN OF THE BATTERY PACK IS IDEAL FOR ANY MILITARY ENVIRONMENT AND IS MAN PORTABLE

SCALABLE
THE SCALABLE DESIGN ALLOWS MULTIPLE PACKS TO BE CONNECTED IN PARALLEL TO CREATE UP TO 70 kWh OF ENERGY

<table>
<thead>
<tr>
<th>Product Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Voltage</td>
</tr>
<tr>
<td>Min Voltage</td>
</tr>
<tr>
<td>Rated Capacity</td>
</tr>
<tr>
<td>Useable Energy</td>
</tr>
<tr>
<td>Max Cont. Discharge</td>
</tr>
<tr>
<td>Max Cont. Charge</td>
</tr>
</tbody>
</table>
EnerDel
Energy Storage Solutions Provider

Updates

▪ ~1500 Hybrid bus packs in North America since 2015
▪ Continued expansion of next generation chemistry and cell product portfolio
▪ Robust Vigor pack solutions with integrated active air or liquid cooling options
▪ Product diversification into microgrid and military market segments