**Figure 4.**     Simulating and Analyzing Worst-Case Failures and Failure Impact

New traffic can then be added to these demands for the simulation. Here, the Cisco-patented Demand Deduction[1] can provide extremely accurate simulations if measured traffic is available. Otherwise, Cisco MATE Design offers both manual and automated methods of simulating demand traffic.

**Figure 10.**  Adding Traffic to New Demands

**Coordinating Peering: Planning and Operations**

Service provider peering

Using the Metric Optimization tool, an engineer selects the option to minimize maximum li